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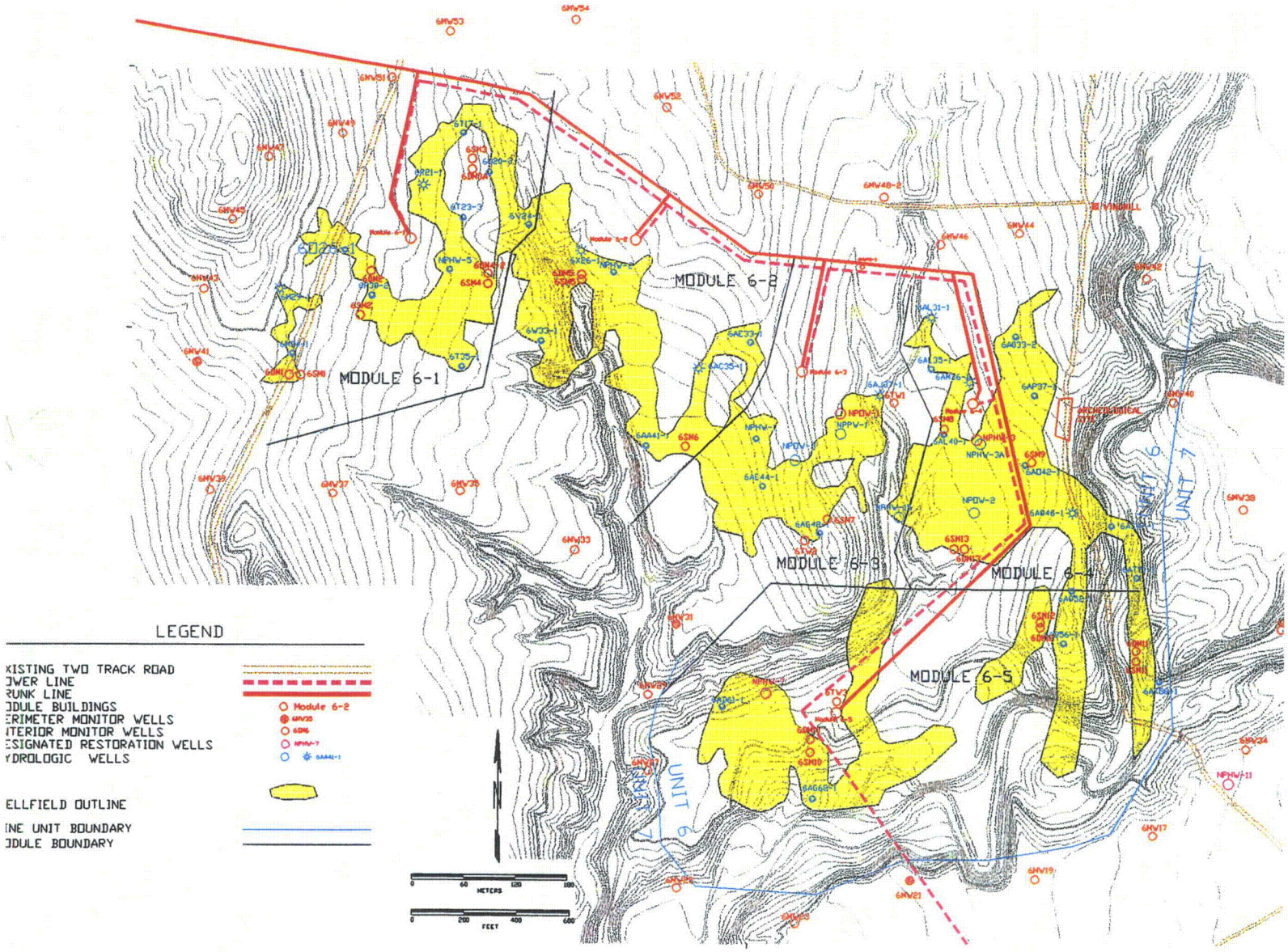
WELLFIELD DATA PACKAGE
MINE UNIT 6
CHRISTENSEN RANCH ISL PROJECT



Prepared for:
WDEQ - Permit to Mine No. 478
and NRC - License No. SUA-1341

September 24, 1996

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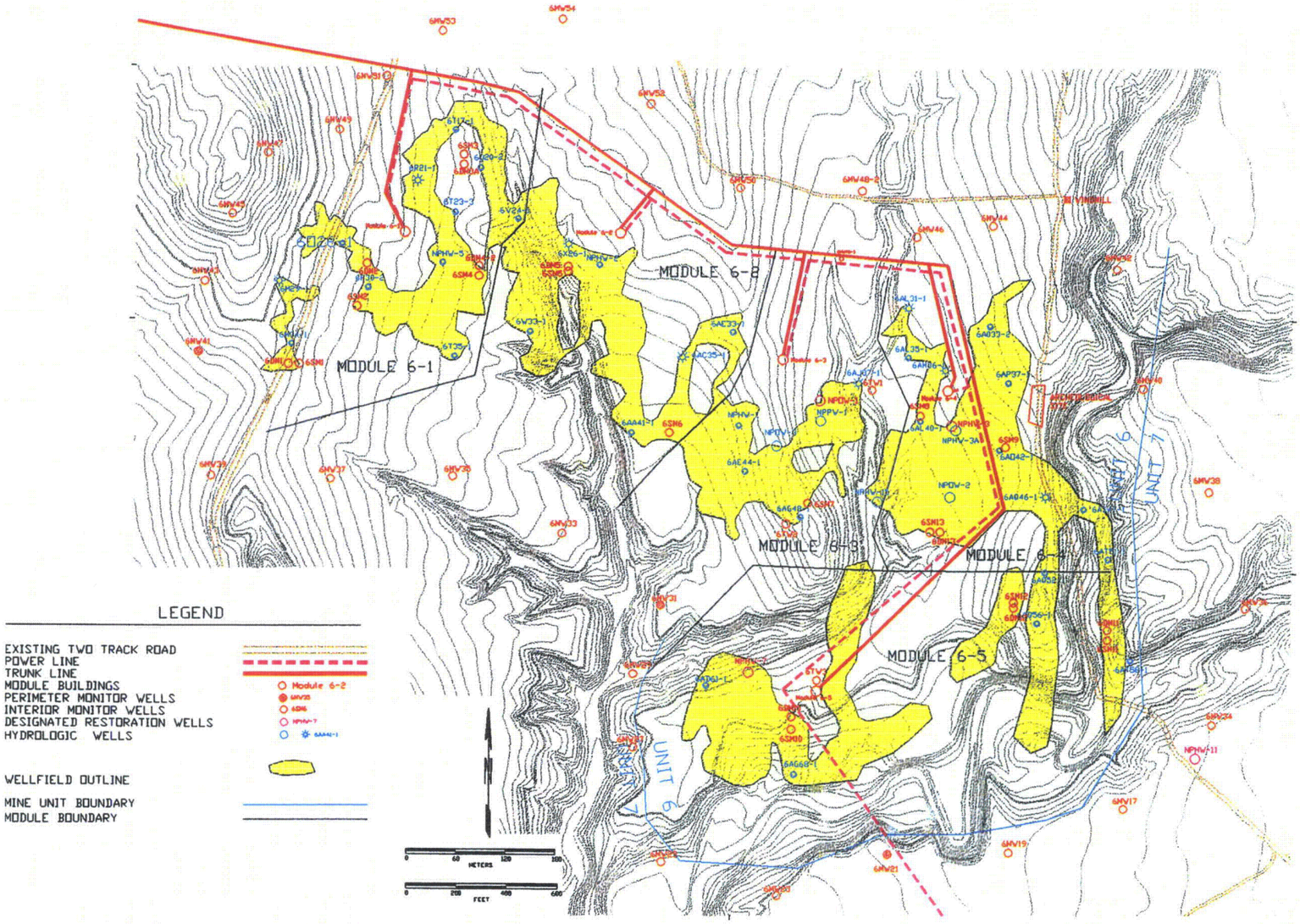

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September 24, 1996

COGEMA Mining, Inc.
Wellfield Data Package
Christensen Ranch Mine Unit 6

1.0 INTRODUCTION

Mine Unit 6 is the next in situ wellfield scheduled for operation at the Christensen Ranch project. Mine Unit 6 (Unit 6) is located in the North Prong development area, to the north of Mine Unit 5. The new wellfield is estimated to be approximately 42 surface acres in size when completed, and is located in the northeastern extension of the economic ore trends within the permit boundary. Unit 6 will be operated with the existing Christensen satellite plant, by using trunklines to move the production solutions to the plant. The Unit 6 trunkline (shown on the attached Figure 1) will service both Unit 6 and the next future production area, Unit 7. The Unit 6 trunkline was previously addressed by WDEQ in their letter to COGEMA dated September 13, 1995. As requested, the location of the trunkline, booster pump station, access road and associated topsoil stockpile, are all shown on the attached map, Figure 1 in Appendix III. The road will only access the booster pump station, with no road planned for the remainder of the trunkline route to Unit 6. The proposed area of development for Unit 6 was previously submitted in the Annual Report for Permit to Mine No. 478 dated August, 1995 to the Wyoming Department of Environmental Quality (WDEQ), copies to NRC, and has been bonded for since that time.

Sampling of the Unit 6 monitor wells for baseline water quality began in February, 1996 and progressed through August, 1996. An aquifer test was conducted in early July, 1996 to verify that all monitor wells respond appropriately to wellfield operations. Well construction within Unit 6 is still ongoing, with the first module of Unit 6 (approximately one-fifth of the wellfield) expected to be ready for operations as early as November 1, 1996. The remainder of Unit 6 will be placed into operation progressively through the fifth wellfield module.

Both state and federal regulatory agencies require COGEMA to submit the results of water quality baseline sampling in new mine units for review and approval of operations. Specifically, Section 5.7.10.3 of the WDEQ Permit to Mine No. 478 requires COGEMA to submit a wellfield data package for each new mine unit; the data package must contain the following:

- Results of a pumping test which demonstrates that the perimeter ore zone monitor wells are in communication with the mine unit mineralized zone wells;
- Potentiometric surface maps for the mineralized portion of the host K sandstone, the overlying and underlying aquifers as developed from pre-mining water levels;
- Baseline water quality data and proposed monitor well upper control limits;

- Location and completion details for monitor wells and ore zone baseline water quality wells;

- Average mine unit baseline water quality and proposed target restoration values.

Additionally, Condition Numbers 25, 26 and 28 of COGEMA's NRC Source Material License No. SUA-1341 currently require COGEMA to submit baseline water quality data for all new mine units, as well as monitor well upper control limits, for NRC review and approval. However, COGEMA has applied to the NRC for a performance-based license condition that will eliminate approvals for each new mine unit by the NRC. They instead will review the methods used by COGEMA to obtain the baseline data, restoration target values, upper control limits, etc. during routine inspections. Unit 6 is expected to be the first wellfield to be approved under a performance-based license condition.

Accordingly, this report serves as the wellfield data package for the new Christensen Ranch Mine Unit 6. The package has been prepared for submittal to primarily the WDEQ, as we expect to receive a performance-based license condition from NRC for Unit 6.

The review and approval of operations within Unit 6 is extremely important to COGEMA. The bulk of Christensen production is now coming from Mine Unit 5, placed into operation just last year. Operations in Unit 6 by November, 1996 are necessary to maintain steady-state production levels, compensating for the declining production from Units 4 and 5. COGEMA respectfully requests that the WDEQ review the wellfield data package and provide COGEMA with approval for Unit 6 operations no later than November 1, 1996.

2.0 BASELINE WATER QUALITY SAMPLING RESULTS

2.1 Description of Baseline Water Quality Sampling Locations

The general location of Unit 6 in comparison to the other Christensen Ranch facilities is shown on Figure 1. A more detailed drawing of Unit 6 is provided as Figure 2, showing the locations of all wells used for obtaining ore zone baseline water quality, monitor wells, and locations of the injection/recovery wells installed to date. Roads and wellfield module building locations are also provided. All referenced figures are located Appendix III of this report.

Baseline water quality has been established in Unit 6 for several stratigraphic zones including the ore zone outside of the wellfield (perimeter monitor well ring), the aquifer overlying the ore zone within the wellfield (shallow monitor zone), the aquifer underlying the ore zone within the wellfield (deep monitor zone), and the ore zone itself within the wellfield (interior ore zone). A description of the sampling locations within each zone follows:

Perimeter Ore Zone - For the detection of lateral lixiviant migration, monitor wells are completed on the perimeters of Unit 6 in the same stratigraphic intervals within the host K

sandstone as the adjacent recovery and injection wells within the wellfield. The mineralized portions of the K sandstone within Unit 6 are the upper K2, and middle and lower K3 sand subunits. The K2 sand is prevalent in the western portion of Unit 6, and both the K2 and K3 mineralized zones are present in the eastern portion of Unit 6. Because of this, each perimeter monitor well targets the specific stratigraphic horizon of the adjacent wellfield ore zone. In other words, monitor wells on the western side of Unit 6 may only be completed in the K2 sand, where many of the perimeter monitor wells on the middle and eastern edges of Unit 6 are open to both the K2 and K3 ore zones, when present. Additionally, three trend wells were placed between the areas of K2 and K2/K3 ore zones to detect any migration of lixiviant out of the K3, or K2, as the case may be, within the confines of the wellfield. The use of trend wells for this purpose was discussed and agreed upon with WDEQ personnel during a meeting at COGEMA offices on February 29, 1996.

Perimeter monitor well spacings are 300 feet from the wellfield and 300 feet apart in areas downgradient from the wellfield; on the sides and upgradient from the wellfield, spacings are 500 feet from the wellfield and 500 feet apart. These spacings are maximum, and in most cases the monitor wells are actually spaced closer to the wellfield edge. During the preparation of the baseline package, it was noted that perimeter ore zone monitor well 6MW48-2 did not meet the location criteria of no farther than 500 feet from the wellfield. Originally, the geologists had planned wellfield that extended in that direction, but it did not meet the economic cutoff when drilled. The monitor well 6MW48-2 had already been installed at that point. COGEMA will replace monitor well 6MW48-2 with another monitor well closer to the wellfield. The locations of both 6MW48-2 and 6MW48-3 are shown on Figure 2. The water quality of the new monitor well will be checked against that of the previous well, but the ore zone upper control limits will remain unchanged from those proposed in this package unless the well exhibits statistically different water quality.

A total of 30 perimeter ore zone monitor wells will be used for monitoring the Unit 6 wellfield operations. A listing of the perimeter ore zone monitors is as follows:

6MW17	6MW27	6MW35	6MW40	6MW45	6MW50
6MW19	6MW29	6MW36	6MW41	6MW46	6MW51
6MW21	6MW31	6MW37	6MW42	6MW47	6MW52
6MW23	6MW33	6MW38	6MW43	6MW48-2	6MW53
6MW25	6MW34	6MW39	6MW44	6MW49	6MW54

The three trend wells to be used during operations are as follows:

6TW1
6TW2
6TW3

Completion details for the Unit 6 perimeter ore zone monitor and trend wells are given in Table 1. Locations of the wells are found on Figure 2, Appendix III.

TABLE 1

COGEMA MINING, INC.
CHRISTENSEN RANCH
MINE UNIT 6

WELL COMPLETION DATA

DESIGNATED USE	WELL NO.	COORDINATES EASTING	COORDINATES NORTHING	SURFACE ELEVATION (ft.-MSL)	*AVERAGE PIEZOMETRIC ELEVATION (ft.-MSL)	SCREENED OR OPEN HOLE INTERVAL (ft.-MSL)
INTERIOR ORE MONITOR ZONE	6M29-1	851201.44	1151148.0	4898.5	4611.9	4303.5 to 4328.5
	6M34-1	851247.08	1150902.3	4888.0	4611.1	4305.0 to 4328.0
	6O26-1	851449.75	1151300.0	4878.7	4613.1	4315.7 to 4327.7
	6P30-2	851555.46	1151126.7	4867.4	4614.1	4312.4 to 4337.4
	6R21-1	851749.16	1151549.8	4860.7	4623.2	4293.7 to 4305.7
	6T17-1	851900.74	1151750.4	4849.4	4616.7	4299.4 to 4316.4
	6T23-3	851900.99	1151425.0	4848.3	4615.2	4298.3 to 4333.3
	6T35-1	851899.98	1150850.2	4843.3	4590.1	4318.3 to 4348.3
	6U20-2	852000.11	1151601.3	4840.7	4611.9	4304.7 to 4321.7
	6V24-1	852147.98	1151396.9	4822.2	4616.6	4325.2 to 4340.2
	6W33-1	852199.47	1150949.7	4831.1	4615.5	4313.1 to 4348.1
	6X26-1	852351.41	1151300.9	4831.7	4614.0	4306.7 to 4324.7
						4334.7 to 4343.7
	6AA41-1	852599.98	1150550.4	4813.1	4624.2	4308.1 to 4324.1
	6AC35-1	852800.18	1150850.9	4825.1	4625.2	4340.1 to 4353.1
	6AD61-1	852899.74	1149549.5	4796.2	4626.6	4401.2 to 4407.2
						4431.2 to 4446.2
	6AE33-1	853000.36	1150949.2	4844.5	4629.5	4326.5 to 4344.5
	6AE44-1	853049.84	1150399.7	4825.8	4628.6	4320.8 to 4340.8
	6AG48-1	853257.98	1150210.2	4847.3	4628.3	4342.3 to 4362.3
	6AG68-1	853248.34	1149202.0	4765.2	4629.8	4390.2 to 4415.2
	6AJ37-1	853500.42	1150750.4	4806.8	4630.5	4306.8 to 4331.8
	6AL31-1	853699.96	1151051.1	4826.1	4628.1	4311.1 to 4331.1
	6AL35-1	853699.50	1150849.6	4822.0	4626.3	4317.0 to 4332.0
	6AL40-1	853749.43	1150599.0	4818.2	4628.9	4327.2 to 4340.2
	6AM36-1	853850.64	1150799.5	4826.5	4627.4	4326.6 to 4341.6
	6AO33-2	854026.28	1150972.3	4843.8	4630.1	4413.8 to 4433.8
	6AO42-1	854065.79	1150483.2	4826.8	4629.1	4334.8 to 4364.8
	6AP37-1	854100.41	1150749.0	4842.8	4627.6	4327.8 to 4354.8
	6AQ46-1	854247.18	1150300.2	4842.4	4632.3	4344.4 to 4352.4
						4361.4 to 4374.4
	6AQ52-1	854248.17	1149999.9	4853.0	4631.7	4331.0 to 4368.0
	6AQ56-1	854217.99	1149797.2	4862.0	4628.8	4340.0 to 4357.0
	6AS47-1	854400.83	1150249.7	4792.7	4632.7	4407.7 to 4442.7
	6AT51-1	854500.44	1150052.0	4789.3	4628.2	4414.3 to 4440.3
	6AT58-1	854545.37	1149699.4	4804.1	4632.0	4319.1 to 4344.1
	NPHW-1	853025.23	1150580.0	4828.5	4621.5	4326.5 to 4336.5
						4340.5 to 4350.5
	NPHW-2	852472.84	1151217.5	4834.7	4621.1	4311.7 to 4326.7
	NPHW-3A	853891.26	1150563.2	4820.9	4629.6	4312.9 to 4319.9
	NPHW-5	851878.07	1151217.7	4849.7	4614.7	4323.7 to 4335.7
	NPHW-7	853068.63	1149602.9	4800.6	4629.5	4404.6 to 4439.6
	NPHW-15	853576.65	1150282.1	4789.9	4626.2	4421.9 to 4436.9
	NPOW-2	853868.79	1150300.1	4816.5	4630.2	4306.5 to 4366.5
	NPOW-3	853175.68	1150499.2	4844.0	4621.6	4319.0 to 4369.0
	NPPW-1	853350.04	1150600.5	4818.9	4628.4	4318.9 to 4368.9
PERIMETER ORE MONITOR ZONE	6MW17	854564.86	1149065.5	4834.5	4636.8	4299.5 to 4464.5
	6MW19	854111.45	1148895.2	4824.6	4636.1	4304.6 to 4438.6
	6MW21	853626.66	1148890.2	4816.5	4637.1	4314.5 to 4438.5
	6MW23	853185.55	1148725.3	4808.7	4635.0	4392.7 to 4457.7
	6MW25	852728.00	1148860.5	4749.3	4627.2	4379.3 to 4452.3
	6MW27	852610.40	1149298.5	4790.2	4623.6	4380.2 to 4436.2
	6MW29	852613.46	1149597.3	4756.6	4625.5	4385.6 to 4447.6

TABLE 1 (cont'd)

DESIGNATED USE	WELL NO.	COORDINATES EASTING	COORDINATES NORTHING	SURFACE ELEVATION (ft.-MSL)	*AVERAGE PIEZOMETRIC ELEVATION (ft.-MSL)	SCREENED OR OPEN HOLE INTERVAL (ft.-MSL)
PERIMETER ORE MONITOR ZONE (cont'd)	6MW31	852718.74	1149869.7	4803.3	4625.2	4309.3 to 4440.3
	6MW33	852327.61	1150149.0	4814.9	4617.9	4318.9 to 4354.9
	6MW34	854919.34	1149398.3	4840.2	4637.2	4310.2 to 4475.2
	6MW35	851896.52	1150377.2	4837.7	4617.8	4323.7 to 4362.7
	6MW36	855054.04	1149852.0	4795.6	4635.1	4295.6 to 4485.6
	6MW37	851428.13	1150369.9	4863.6	4615.4	4313.6 to 4356.6
	6MW38	854903.07	1150319.8	4847.4	4634.4	4267.4 to 4442.4
	6MW39	850934.54	1150377.6	4875.6	4612.6	4310.6 to 4352.6
	6MW40	854637.02	1150725.9	4839.4	4632.6	4319.4 to 4464.4
	6MW41	850879.01	1150866.5	4876.1	4612.3	4306.1 to 4351.1
	6MW42	854529.76	1151203.7	4835.7	4631.3	4285.7 to 4450.7
	6MW43	850912.13	1151143.1	4897.0	4611.4	4302.0 to 4347.0
	6MW44	854036.12	1151375.5	4852.5	4628.4	4292.5 to 4452.5
	6MW45	851009.92	1151432.4	4954.0	4631.5	4299.0 to 4349.0
	6MW46	853745.43	1151338.3	4834.3	4627.7	4289.3 to 4448.3
	6MW47	851153.44	1151655.9	4945.7	4606.2	4302.7 to 4340.7
	6MW48-2	853510.11	1151512.3	4832.6	4628.6	4242.6 to 4282.6
	6MW49	851438.02	1151749.8	4886.0	4607.8	4296.0 to 4336.0
	6MW50	853025.49	1151523.7	4860.3	4625.8	4295.3 to 4369.3
	6MW51	851615.53	1151961.8	4866.2	4618.0	4291.2 to 4316.2
	6MW52	852672.04	1151854.2	4870.4	4621.4	4280.4 to 4355.4
	6MW53	851847.26	1152137.0	4855.0	4610.2	4275.0 to 4340.0
	6MW54	852321.74	1152184.9	4862.5	4618.5	4282.5 to 4347.5
DEEP MONITOR ZONE	6DM1	851255.66	1150805.8	4886.0	4606.9	4251.0 to 4269.0
	6DM2	851550.17	1151219.5	4870.0	4615.5	4252.0 to 4280.0
	6DM3-2	851931.24	1151625.8	4848.1	4610.3	4248.1 to 4275.1
	6DM4-2	851947.35	1151208.6	4846.0	4608.5	4254.0 to 4283.0
	6DM5	852352.05	1151203.4	4826.6	4613.7	4251.6 to 4278.6
	6DM10	853240.28	1149419.2	4798.3	4622.4	4263.3 to 4283.3
	6DM11	854498.59	1149762.0	4786.9	4632.9	4195.9 to 4206.9
	6DM12	854125.71	1149864.3	4851.1	4632.0	4171.1 to 4221.1
	6DM13	853820.27	1150160.5	4813.8	4631.4	4208.8 to 4221.8
SHALLOW MONITOR ZONE	6SM1	851278.89	1150804.7	4883.2	4713.6	4568.2 to 4577.2
	6SM2	851509.78	1151051.4	4869.5	4719.2	4584.5 to 4607.5
	6SM3	851929.89	1151642.2	4848.5	4715.6	4624.5 to 4645.5
	6SM4	851951.43	1151189.7	4845.9	4715.8	4639.9 to 4649.9
	6SM5	852351.07	1151195.6	4826.6	4724.6	4582.6 to 4592.6
	6SM6	852749.96	1150547.0	4811.7	4694.4	4521.7 to 4533.7
	6SM7	853300.33	1150277.3	4852.6	4719.5	4522.6 to 4535.6
	6SM8	853748.65	1150616.8	4818.5	4733.5	4596.5 to 4610.5
	6SM9	854092.48	1150495.6	4828.9	4734.7	4617.9 to 4626.9
	6SM10	853238.35	1149394.2	4794.4	4707.2	4514.4 to 4512.4
	6SM11	854499.20	1149741.7	4787.1	4735.0	4605.1 to 4634.1
	6SM12	854126.53	1149874.1	4851.3	4734.0	4614.3 to 4624.3
	6SM13	853799.04	1150160.5	4813.3	4733.5	4610.3 to 4638.3
TREND ZONE	6TW1	853554.37	1150720.1	4817.2	4628.3	4397.2 to 4462.2
	6TW2	853228.61	1150194.0	4841.8	4628.1	4381.8 to 4456.8
	6TW3	853340.26	1149574.0	4812.4	4627.6	4314.4 to 4382.4

Interior Shallow Zone - Monitor wells have been completed in the aquifer(s) overlying the K sandstone to intercept and detect any upward migration of mining solutions. Shallow monitor wells are required to be installed within the wellfield at a frequency of one well for every 3.5 acres of pattern area. As the total wellfield pattern area of Unit 6 is approximately 42 acres, thirteen (13) shallow monitor wells will be used to monitor for the detection of upward vertical excursions. This provides a frequency of one well for every 3.2 acres of wellfield, as compared to the requirement for one well for every 3.5 acres of wellfield.

The shallow zone monitor wells for Unit 6 are as follows:

6SM1	6SM6	6SM11
6SM2	6SM7	6SM12
6SM3	6SM8	6SM13
6SM4	6SM9	
6SM5	6SM10	

In choosing the shallow monitor zone, COGEMA's requirements are to establish baseline water quality and perform operational monitoring of the first sandstone unit overlying the upper aquitard within the wellfield interior. Due to the presence of numerous shallow sands overlying the host K sandstone, it was not possible to designate the same overlying sand as the shallow monitor zone. In Unit 6, three of the upper sands were chosen for the shallow monitor zone. The majority of the shallow wells are completed in the 3-Sand, which is the uppermost aquifer in the upper sand sequence within Unit 6 (monitor wells SM2, SM3, SM4, SM8, SM9, SM11, SM12 and SM13). Three monitors are completed in the middle sequence 4-Sand (SM1, SM4 and SM5), and the remaining two monitors are completed in the deepest upper sand, the 5-Sand (SM7 and SM10). The sand sequence is essentially identical to the same five shallow sands located in Units 2, 4 and 5. An east-west trending geologic cross-section (A-A') showing the general location of the shallow sands is provided as Attachment A of Appendix II of this document, Mine Unit 6 Pump Test Results and Analysis.

The proposed shallow zone completions were discussed with WDEQ personnel in the meeting in COGEMA's offices on February 29, 1996. Completion details for the shallow zone monitor wells are given in Table 1, and well locations are shown on Figure 2, Appendix III.

Interior Deep Zone - Monitor wells are also completed in the first aquifer underlying the production zone to intercept and detect any downward migration of lixiviant. However, in Unit 6, a deep sand below the K sandstone was not always present. Additionally, within the production zone, there are several shale breaks dividing the sand into the K2, K3 and K4 subunits. Because the majority of the Unit 6 mining occurs within the K2 and K3 sands, the K4 sand is actually the first underlying aquifer in some areas of Unit 6. Accordingly, the strategy developed for the deep monitor program was to employ the K4 sand as the first underlying aquifer where the intervening K4 shale is present as an aquitard separating the K4 sand from the K3 production zone. Where the K4 shale was not present (i.e. the K4 and K3 sands communicate), the L sand aquifer below the K sand production zone was completed when

present. When the L sand was not present, deep monitor wells were not installed. Using this strategy, a total of nine deep monitor wells were completed in the zones indicated below:

6DM1 (K4 sand)	6DM10 (K4 sand)
6DM2 (K4 sand)	6DM11 (L1 sand)
6DM3-2 (K4 sand)	6DM12 (L1 sand)
6DM4-2 (K4 sand)	6DM13 (L1 sand)
6DM5 (K4 sand)	

The deep monitor well strategy was discussed and agreed upon with WDEQ personnel in the February 29, 1996 meeting. Completion details for the deep zone monitor wells are given in Table 1, and locations are provided on Figure 2, Appendix III.

Interior Ore Zone - As a basis for determining groundwater restoration goals for Unit 6, baseline water quality samples were collected from injection and recovery wells at a density of one sampling well for every acre of wellfield pattern area. As the total area of Unit 6 is expected to be approximately 42 surface acres when completed, ore zone baseline water quality has been established for a total of 42 injection/recovery wells. The interior ore zone wells are listed as follows:

6AA41-1	6AL35-1	6AT51-1	6T23-3	NPHW-3A
6AC35-1	6AL40-1	6AT58-1	6T35-1	NPHW-5
6AD61-1	6AM36-1	6M29-1	6U20-2	NPHW-7
6AE33-1	6AO33-2	6M34-1	6V24-1	NPHW-15
6AE44-1	6AO42-1	6O26-1	6W33-1	NPOW-2
6AG48-1	6AP37-1	6P30-2	6X26-1	NPOW-3
6AG68-1	6AQ46-1	6R21-1	NPHW-1	NPPW-1
6AJ37-1	6AQ52-1	6T17-1	NPHW-2	
6AL31-1	6AQ56-1	6AS47-1		

All interior ore zone wells are completed in the upper K2, middle and lower K3 mineralized intervals of the host K sandstone. Completion details for these wells are provided in Table 1, and locations are provided on Figure 2, Appendix III. Please note that these wells are termed "Designated Restoration Wells" on this figure, for future reference.

2.2 Treatment of Monitor Well Baseline Water Quality

The purpose for establishing baseline water quality in monitor wells is to provide a basis for the detection and subsequent clean-up of any mining solution migration from the wellfield. As previously stated, baseline water quality has been established in three different stratigraphic monitoring zones to enable the detection of lixiviant migrations (perimeter ore zone, shallow zone and deep zone).

Baseline water quality was established for all Unit 6 monitor wells by collecting and analyzing

four samples, on a minimum of two week sampling intervals. One of the four samples was analyzed for a full suite of chemical constituents while the remaining three samples were analyzed for a shorter constituent list as outlined in Table 5.2 of the Christensen Ranch Amendment Application. Additionally, splits of each of the four samples were analyzed by the Christensen Mine laboratory for the excursion parameters (chloride, conductivity and total alkalinity), and pH.

After the baseline analytical results were obtained from the outside laboratory, the data were screened for outliers. The removal of outliers from the hydrochemical data base is required by the WDEQ through Permit to Mine No. 478. Outliers were first identified by visual inspection of the data. Data which were obviously erroneous due to laboratory miscalculations, or other reasons, were identified and corrected whenever possible. The data base was then screened for outliers using statistical methods, to identify erroneous results that may not be obvious from a simple visual inspection. Statistical outliers were then removed using the tolerance-limit statistical analysis described on page 5-35a of the Christensen Ranch Amendment Application (1988). Other Wyoming in situ leach operators also use the tolerance test for outlier removal from their water quality data bases (Power Resources, Inc.). The test is the recommended method for outlier removal in WDEQ's Guideline No. 4 for In Situ Mining.

The statistical test for outlier removal also provides another method for grouping water quality data. For example, water quality for the various shallow sands is distinctly different in some cases; the outlier removal technique has proven to be effective in finding these differences.

2.3 Monitor Well Upper Control Limits (UCLs)

After outlier removal, the baseline data were then used to calculate upper control limits for the three excursion indicator parameters. Pursuant to the requirements of the Christensen permit application, UCLs are established by combining all monitor well data, within each stratigraphic zone, and calculating one set of UCLs for that zone. For example, all sample results from the perimeter ore zone monitor wells are combined and one set of UCLs calculated and applied to all perimeter ore zone monitor wells rather than calculating UCLs on a well-by-well basis.

As previously stated, COGEMA collects splits of all baseline samples and sends one split to our on-site Christensen laboratory for excursion parameter analysis, and one split to the commercial laboratory, Core Laboratory in this case, for full analysis. Only the Christensen laboratory data were used to calculate the upper control limits for the monitor wells for Unit 6, as the routine monitor well samples will be analyzed by this laboratory. Past practice for other mine unit data packages (with the exception of Unit 5) had been to combine and average all inside and outside laboratory excursion parameter data, thus giving eight data points per well. NRC objected to this method as it is not statistically correct, therefore only the four data points per well from the Christensen lab have been used in the Unit 6 upper control limit calculations.

Permit to Mine No. 478 requires COGEMA to calculate monitor well UCLs as the mean (average) baseline plus five standard deviations. In the case of chloride, this provides a very

restrictive UCL due to the lack of variability in the chloride data (very low standard deviations). Such a restrictive UCL could cause false-positive indications of lixiviant migration. Condition No. 28 of NRC License SUA-1341 allows COGEMA to calculate UCLs for chloride as the baseline mean plus five standard deviations or the baseline mean plus 15 mg/l, whichever is greater. Recently, WDEQ has allowed other in situ operators the same flexibility of adding 15 mg/l to the baseline mean for chloride. In COGEMA's Permit No. 478 Update, submitted to WDEQ in January, 1996, we have asked for a revision to add the 15 mg/l option for the chloride UCL.

Because of the small standard deviation seen in the monitor well chloride data, and because the Permit Update has not yet been approved by WDEQ, we request that WDEQ approve the baseline mean plus 15 mg/l for calculating the Unit 6 chloride UCLs. UCLs for the remaining two excursion parameters have been calculated using the mean plus five standard deviations. UCLs for each monitor zone are discussed in more detail following.

Perimeter Ore Zone Monitor Wells - The results of the four baseline samples, as well as the four Christensen laboratory split results for excursion parameters, can be found for the 30 perimeter ore zone monitor wells in Appendix I of this report. After all the perimeter ore zone data were combined and treated for outliers, it became evident that one well had consistent outliers in the excursion parameters. Monitor well 6MW46 exhibited conductivities higher than the other wells, with three of four readings being outliers. Because of the conductivity outliers, the excursion parameter data from 6MW46 were removed from the excursion parameter data base and separate, individual UCLs were calculated for this well.

A summary of the results of combining the baseline data from the perimeter ore zone monitor wells is provided in Table 2. Statistics were calculated for only the detectable analyses values.

UCLs were then calculated for the group of 29 perimeter ore zone monitor wells (termed Group 1). As indicated, a separate, individual UCL was established for 6MW46 (Group 2). The UCLs established for the Unit 6 perimeter ore zone monitor wells are provided in Table 3. The UCL for chloride is shown as the baseline mean (using Christensen laboratory data) plus 15 mg/l as this provides the greater value.

Interior Shallow Zone Monitor Wells - Individual analytical data for the Unit 6 shallow monitor wells are provided in Appendix I. A summary of the baseline sampling results from all shallow monitor wells is provided in Table 4.

UCLs were calculated for the shallow zone monitor wells in the same manner as the perimeter monitor wells, and are provided in Table 3. The UCL for chloride has been established by adding 15 mg/l to the baseline mean.

As previously stated, three groups of differing water quality were noted for purposes of upper control limit calculation. The three groups are the 3-Sand, 4-Sand and 5-Sand monitor wells. Because the groups appear to differ in conductivity and alkalinity values, UCLs were established

TABLE 2

COGEMA Mining, Inc.
Christensen Ranch
Mine Unit 6
Perimeter Ore Zone Monitor Well Baseline Data

MAJOR IONS mg/l:	#Samples Total	# Samples > D.L.	Mean **	Standard Deviation	Min	Max	Detection Limit (D.L.)
Ca	130	130	28.662	4.48	18.00	46	1.0
Mg	132	132	5.091	1.43	1.00	10.00	1.0
Na	133	133	240.188	16.36	205.00	300.00	1.0
K	133	133	4.429	1.25	3.00	9.00	1.0
CO3	42	28	3.596	1.85	1.50	9.00	1.0
HCO3	42	33	76.452	9.02	48.80	88.50	5.0
SO4	129	129	528.690	37.29	440.00	640.00	10.0
Cl	129	129	5.009	0.47	4.00	6.70	1.0
NH4 (N)	42	16	0.100	0.00	0.10	0.10	0.1
NO2 (N)	42	0	*				0.05
NO3 (N)	42	6	0.468	0.48	0.08	1.18	0.05
F	42	33	0.152	0.05	0.10	0.20	0.1
SiO2	42	32	4.303	0.54	3.60	6.00	0.1
TDS @ 180 C	133	133	868.090	65.83	776.00	1160.00	10.0
Cond - umho/cm	129	129	1291.450	56.94	1166.00	1498.00	1.0
Alk	129	129	65.671	5.87	45.20	83.90	1.0
pH units	133	133	8.550	0.22	8.14	9.35	0-14
TRACE METALS mg/l:							
Al	42	12	0.08	0.021	0.06	0.12	0.05
As	133	92	0.003	0.002	0.001	0.008	0.001
Ba	42	0	*				0.05
B	42	0	*				0.1
Cd	42	0	*				0.05
Cr	42	0	*				0.05
Cu	42	0	*				0.05
Fe	42	0	*				0.05
Pb	42	0	*				0.005
Mn	42	1	0.06	0.000	0.06	0.06	0.05
Hg	42	1	0.0002	0.000	0.0002	0.0002	0.0002
Mo	42	2	0.07	0.015	0.05	0.08	0.05
Ni	42	4	0.06	0.004	0.06	0.07	0.05
Se	133	11	0.001	0.001	-0.001	0.004	0.001
V	42	0	*				0.05
Zn	42	3	0.01	0.000	0.010	0.010	0.01
RADIOMETRIC pCi/l:							
U mg/l	130	117	0.0080	0.0067	0.0010	0.032	0.001
Ra226	132	125	6.73	8.86	0.09	39.00	0.1

* Mean = < D.L.
** Mean is the arithmetic average of all detectable sample values.

TABLE 3

COGEMA Mining, Inc.
Christensen Ranch
Mine Unit 6
Upper Control Limits

Completed Zone	Chloride (mg/l) Average Baseline (x)	Chloride Standard Deviation (s)	Chloride (x + 5s)	Chloride UCL (x + 15 mg/l	Conductivity (umhos/cm) Average Baseline (x)	Conductivity Standard Deviation (s)	Conductivity UCL (x + 5s)	Total Alkalinity (mg/l as CaCO3) Average Baseline (x)	Total Alkalinity Standard Deviation (s)	Total Alkalinity UCL (x + 5s)
Perimeter Ore Zone Monitors										
Group 1	5.0	0.5	7.5	20.0	1291	57	1576	65.7	5.9	95.2
Group 2: 6MW46	5.6	0.6	8.6	20.6	1542	177	2427	60.2	5.8	89.2
Interior Deep Zone Monitors										
Group 1	6.3	0.9	10.8	21.3	1032	154	1802	80.2	8.3	121.7
Group 2: 6DM11 6DM12 6DM13	7.9	0.7	11.4	22.9	646	91	1101	174.3	42.2	385.3
Interior Shallow Zone Monitors:										
3 SAND	9.2	2.3	20.7	24.2	2159	283	3574	85.7	30.5	238.2
4 SAND	6.8	0.4	8.8	21.8	1301	132	1961	99.3	1.3	105.8
5 SAND	10.6	1.2	16.6	25.6	529	72	889	226.0	20.8	330.0

TABLE 4

COGEMA Mining, Inc.
Christensen Ranch
Mine Unit 6
Shallow Zone Monitor Well Baseline Data

MAJOR IONS mg/l:	#Samples Total	# Samples > D.L.	Mean **	Standard Deviation	Min	Max	Detection Limit (D.L.)
Ca	52	52	79.95	69.85	1.00	224.00	1.0
Mg	52	35	15.74	10.34	1.00	35.00	1.0
Na	52	52	274.13	103.29	97.00	420.00	1.0
K	52	52	9.63	10.61	3.00	55.00	1.0
CO3	14	9	21.27	27.84	1.50	78.00	1.0
HCO3	14	12	112.37	68.89	24.00	250.00	5.0
SO4	52	44	824.39	378.70	52.00	1390.00	10.0
Cl	40	40	8.71	2.24	5.60	13.30	1.0
NH4 (N)	52	13	0.23	0.14	0.10	0.60	0.1
NO2 (N)	14	0	*				0.05
NO3 (N)	14	0	*				0.05
F	14	11	0.55	0.48	0.20	1.50	0.1
SiO2	14	14	3.63	1.36	0.80	6.48	0.1
TDS @ 180 C	52	52	1163.83	611.76	246.00	2190.00	10.0
Cond - umho/cm	40	40	1987.45	430.67	1110.00	2639.00	1.0
Alk	40	40	88.38	33.50	43.80	172.40	1.0
H units	52	52	9.11	1.18	7.89	11.41	0-14
TRACE METALS mg/l:							
Al	13	11	0.14	0.07	0.05	0.31	0.05
As	52	19	0.002	0.002	0.001	0.006	0.001
Ba	14	2	0.07	0.01	0.06	0.07	0.05
B	14	0	*				0.1
Cd	14	0	*				0.05
Cr	14	2	0.07	0.00	0.07	0.07	0.05
Cu	14	6	0.07	0.004	0.06	0.07	0.05
Fe	14	4	0.07	0.02	0.05	0.08	0.05
Pb	14	0	*				0.005
Mn	14	4	0.18	0.06	0.10	0.27	0.05
Hg	14	0	*				0.0002
Mo	14	2	0.07	0.00	0.07	0.07	0.05
Ni	14	3	0.07	0.02	0.05	0.10	0.05
Se	52	8	0.002	0.001	0.001	0.003	0.001
V	14	0	*				0.05
Zn	14	0	*				0.01
RADIOMETRIC pCi/l:							
U mg/l	52	30	0.0037	0.0036	0.0010	0.0120	0.001
Ra226	50	36	2.08	1.87	-1.00	10.00	0.1

* Mean = < D.L.
* Mean is the arithmetic average of all detectable sample values.

for each group, as indicated in Table 3.

Interior Deep Zone Monitor Wells - Individual analytical data for the Unit 6 deep monitor wells are provided in Appendix I. A summary of the baseline sampling results from all Unit 6 deep monitor wells is provided in Table 5. UCLs for the Unit 6 deep zone monitor wells were calculated in the same manner as for the perimeter ore zone and shallow zone monitor wells, and are also provided in Table 3.

For the purpose of UCL calculation, two groups of water quality were apparent in the deep zone, and were consistent for the zone the wells were completed. All six of the K4 sand deep monitor wells were grouped together, and the three L1 sand monitors were grouped for UCL determination. The two groups and their corresponding UCLs are indicated in Table 3.

2.4 Interior Ore Zone Baseline Water Quality and Target Restoration Values

The purpose for establishing baseline water quality in the Unit 6 ore zone, within the interior of the wellfield, is to define target values for the groundwater restoration phase of operations. Analytical results from the 42 interior ore zone baseline wells have been combined to provide a data base for definition of the overall wellfield water quality within Unit 6 and establishment of the target restoration values.

Baseline water quality sampling was conducted according to the requirements of Section 5.7.8.2 and Table 5.2 of the approved Christensen Ranch Amendment Application. Sampling events were spaced two weeks apart; two of the four samples were analyzed for a full suite of chemical parameters, while the remaining two samples were analyzed for a shorter list of constituents.

Table 6 provides the summary of the combined analytical results from the 42 interior ore zone baseline wells. Individual well analyses may be found in Appendix I.

The mean baseline value provided in Table 6 for each constituent is the arithmetic average of all detectable values (after outlier removal); the proportion of non-detectable values is also provided. As we know that the exact average baseline number will probably not be met at restoration, the restored value should fall within a range of acceptable values around the mean calculated with tolerance limits as described in Section 6.1.3.2 of the Christensen Ranch Amendment Application. Accordingly, the primary goal of aquifer restoration is to restore to the target restoration value of the baseline mean, within the acceptable tolerance range, and with the same proportion of non-detectable values. These statistics are all indicated in Table 6.

Secondary restoration target values are a function of the pre-mining use suitability criteria as established by the WDEQ. Secondary target values are only evaluated if the primary goal of baseline is not reached during restoration. As can be seen from Table 6, the water quality appears to meet the WDEQ Classification of IV(A) due to the high average radium-226 value of 105.9 pCi/l (WDEQ Water Quality Rules and Regulations, Chapter VIII). Classes I, II and III all have 5.0 pCi/l as the standard for combined total radium-226 and radium-228.

TABLE 5

COGEMA Mining, Inc.
Christensen Ranch
Mine Unit 6
Deep Zone Monitor Well Baseline Data

MAJOR IONS mg/l:	#Samples Total	# Samples > D.L.	Mean **	Standard Deviation	Min	Max	Detection Limit (D.L.)
Ca	36	36	12.06	7.30	2.00	23.00	1.0
Mg	36	27	2.13	1.02	0.90	5.00	1.0
Na	36	36	175.25	41.32	108.00	232.00	1.0
K	36	36	7.53	9.28	2.00	41.00	1.0
CO3	9	9	17.00	32.31	3.00	108.00	1.0
HCO3	9	9	99.31	41.05	46.00	204.00	5.0
SO4	36	36	302.72	146.23	100.00	500.00	10.0
Cl	24	24	6.29	0.88	5.50	7.80	1.0
NH4 (N)	9	5	0.14	0.05	0.10	0.20	0.1
NO2 (N)	9	0	*				0.05
NO3 (N)	9	0	*				0.05
F	9	9	0.30	0.22	0.10	0.80	0.1
SiO2	9	9	7.96	10.34	3.90	37.20	0.1
TDS @ 180 C	36	36	583.33	166.87	314.00	796.00	10.0
Cond - umho/cm	24	24	1031.79	153.90	772.00	1182.00	1.0
Alk	24	24	80.19	8.29	71.10	95.10	1.0
pH units	36	36	8.91	0.45	8.36	10.08	0-14
TRACE METALS mg/l:							
Al	9	6	4.113	8.984	-0.05	24.2***	0.05
As	36	25	0.003	0.002	0.001	0.006	0.001
Ba	9	1	0.1	0.000	0.100	0.100	0.05
B	9	0	*				0.1
Cd	9	0	*				0.05
Cr	9	0	*				0.05
Cu	9	2	0.08	0.005	0.070	0.080	0.05
Fe	9	1	4.84	0.000	4.840	4.840	0.05
Pb	9	0	*				0.005
Mn	9	0	*				0.05
Hg	9	0	*				0.0002
Mo	9	1	0.09	0.000	0.090	0.090	0.05
Ni	9	1	0.06	0.000	0.060	0.060	0.05
Se	36	4	0.002	0.000	0.002	0.002	0.001
V	9	0	*				0.05
Zn	9	1	0.01	0.000	0.010	0.010	0.01
RADIOMETRIC pCi/l:							
U mg/l	36	14	0.0048	0.0089	0.0010	0.0350	0.001
Ra226	36	25	2.96	6.43	0.09	33.00	0.1

* Mean = < D.L.
** Mean is the arithmetic average of all detectable sample values.
* * * Suspected outlier, but cannot confirm.

TAI

COGEMA Mining, Inc.
Christensen Ranch
Mine Unit 6
Interior Ore Zone Baseline Water Quality Summary
And Target Restoration Values

	# Samples Total	# Samples > D.L.	Mean **	Standard Deviation	Min	Max	KFactor	K*SDEV	Target Restoration Values: Acceptable Baseline Low	Mean	Acceptable Baseline High	% Non-Detectable	Detection Limit (D.L.)
MAJOR IONS mg/l:													
Ca	164	164	26.238	4.947	12.0	36.0	3.792	18.759	7.478	26.238	44.997	0.0	1.0
Mg	166	162	4.455	1.417	1.0	10.0	3.792	5.374	-1.000	4.455	9.829	2.4	1.0
Na	168	168	239.762	10.091	219.0	270.0	3.792	38.267	201.495	239.762	278.028	0.0	1.0
K	162	162	6.610	2.163	4.0	15.0	3.792	8.202	-1.000	6.610	14.812	0.0	1.0
CO3	85	78	5.490	2.968	1.2	18.0	4.120	12.229	-1.000	5.490	17.719	8.2	1.0
HCO3	85	83	74.480	11.834	33.6	101.0	4.084	48.330	26.149	74.480	122.810	2.4	5.0
SO4	168	168	530.643	40.372	450.0	674.0	3.792	153.091	377.552	530.643	683.733	0.0	10.0
Cl	168	168	4.539	1.091	2.00	7.50	3.792	4.137	-1.000	4.539	8.676	0.0	1.0
NH4 (N)	86	19	0.111	0.031	0.10	0.20	5.497	0.169	-0.050	0.111	0.279	77.9	0.1
NO2 (N)	86	0	*						-0.050	-0.050	-0.050	100.0	0.05
NO3 (N)	86	5	0.076	0.015	0.05	0.09	13.02	0.195	-0.050	0.076	0.271	94.2	0.05
F	85	85	0.142	0.049	0.10	0.20	4.053	0.200	-0.100	0.142	0.343	0.0	0.1
SiO2	86	86	4.058	0.927	1.0	5.8	4.053	3.757	0.301	4.058	7.815	0.0	0.1
TDS @ 180 C	167	167	861.090	50.746	764.0	1032.0	3.792	192.427	668.663	861.090	1053.517	0.0	10.0
Cond - umho/cm	167	167	1261.257	66.990	1140	1460	3.792	254.026	1007.232	1261.257	1515.283	0.0	1.0
Alk	166	166	70.753	6.804	45	85	3.792	25.802	44.951	70.753	96.555	0.0	1.0
pH units	164	164	8.830	0.369	7.0	9.8	3.792	1.399	7.431	8.830	10.229	0.0	0-14
TRACE METALS mg/l:													
Al	86	20	0.127	0.082	0.050	0.390	5.312	0.438	-0.050	0.127	0.564	76.7	0.05
As	167	118	0.003	0.001	0.001	0.006	3.917	0.005	-0.001	0.003	0.008	29.3	0.001
Ba	86	0	*						-0.050	-0.050	-0.050	100.0	0.05
B	86	0	*						-0.100	-0.100	-0.100	100.0	0.1
Cd	86	0	*						-0.050	-0.050	-0.050	100.0	0.05
Cr	86	1	0.050	0.000	0.050	0.050	303.054	0.000	0.050	0.050	0.050	98.8	0.05
Cu	86	0	*						-0.050	-0.050	-0.050	100.0	0.05
Fe	86	3	0.107	0.066	0.060	0.200	36.616	2.417	-0.050	0.107	2.523	96.5	0.05
Pb	86	0	*						-0.005	-0.005	-0.005	100.0	0.005
Mn	86	0	*						-0.050	-0.050	-0.050	100.0	0.05
Hg	86	3	0.0003	0.0000	0.0003	0.0004	36.616	0.002	-0.0002	0.0003	0.0021	96.5	0.0002
Mo	86	7	0.057	0.005	0.050	0.060	13.015	0.059	-0.050	0.057	0.116	91.9	0.05
Ni	86	4	0.068	0.019	0.050	0.100	36.316	0.697	-0.050	0.068	0.765	95.3	0.05
Se	168	13	0.002	0.001	0.001	0.003	3.792	0.003	-0.001	0.002	0.005	92.3	0.001
V	86	3	0.107	0.059	0.06	0.19	36.616	2.163	-0.100	0.107	2.269	96.5	0.05
Zn	86	21	0.015	0.008	-0.01	0.03	5.607	0.045	-0.010	0.015	0.060	75.6	0.01
RADIOMETRIC pCi/l:													
U mg/l	164	148	0.0126	0.0109	0.0020	0.0510	3.976	0.0435	-0.0010	0.0126	0.0561	9.8	0.001
Ra226	168	167	105.858	90.928	1.2	440.0	3.976	361.530	-0.100	105.858	467.388	0.6	0.1

* Mean = < D.L.
** Mean is the arithmetic average of all detectable sample values.

3.0 RESULTS OF HYDROLOGIC STUDIES

Groundwater hydrology of the Christensen Ranch area has thoroughly been described in Volume V of the Christensen Ranch Amendment Application. During 1977 through 1988, the aquifer properties of the entire Christensen Ranch orebody were characterized by at least nine multi-well aquifer tests at different locations throughout the property. Since that time, five additional detailed aquifer tests have been performed in Mine Units 2 through 5. And now, COGEMA has conducted a series of additional pump tests specific for the Unit 6 area (discussed later in this section).

Detailed geologic evaluations are contained in Volume IV of the Christensen Ranch Amendment Application. This volume contains stratigraphic cross-sections of the entire permit area (including Unit 6), and structure contour and thickness isopach maps for the lower aquitard, host K sandstone, and the upper aquitard over the entire permit area, including the Unit 6 area. Additionally, an east-west longitudinal cross-section specific to Unit 6 is provided in Attachment 2 of Appendix II in this report.

As evidence of the detailed information specific to Christensen Ranch, the NRC wrote the following in their 1988 Environmental Assessment recommending approval for the Christensen Ranch Amendment Application:

> Page 19: *"The individual aquifer testing programs that have been performed for the Christensen Ranch Satellite Operation adequately characterizes the production unit and the confining layers. The data indicate that the production unit has a hydraulic conductivity which is three to five orders of magnitude greater than that of the confining units."*
>
> Page 22: *"A comparison of the geology at the Christensen Ranch Research and Development site and the proposed Christensen Ranch Satellite Operation indicates that units of hydrologic importance are, for the most part, continuous over the area. The lithological properties vary slightly, but for the most part, the geology data as well as the hydrologic testing data indicate that similar ground-water responses can be expected over the entire area proposed to be mined."*

The WDEQ requirements outlined earlier in this report in the Introduction essentially require the verification of monitor well communication with the wellfield through an aquifer pumping test. The hydrologic information specific to Unit 6 is discussed following.

3.1 Unit 6 Aquifer Characteristics, Continuity and Excursion Retrievability

As previously stated, aquifer properties were established for the Unit 6 area through a series of pump tests conducted by COGEMA in 1995 and 1996. In May, 1995, a 96-hour multi-well pump test was performed to characterize the host K sandstone. In August, 1995, several additional single well pump tests were also conducted to supplement the main test. And, in July,

1996, a number of additional producing zone wells were pumped during a third test to stress the K sandstone and demonstrate the connection between the perimeter ring of monitor wells and the mining zone. A velocity vector analysis was also performed using the Prickett and Lonnquist (PLASM) model to demonstrate that if an excursion to any perimeter monitor well was detected, it could be retrieved within the 60 days stipulated by regulation.

The third pump test was also used to demonstrate that the K sandstone is isolated from the vertically adjacent aquifers. In addition to this test, the very low permeability of the aquitards between the adjacent aquifers and the host ore zone sandstone was demonstrated through several direct laboratory measurements of core extracted from the aquitards in Unit 6.

A summary of the various pump tests for Unit 6 has been compiled for COGEMA by Aqua Terra Consultants, Inc. (Aqua Terra) out of Sheridan, WY. Aqua Terra was also responsible for the set-up and data analysis for the three sets of pumping tests for Unit 6. Their report is contained in Appendix II, Hydrology Summary, and is entitled "Mine Unit 6 Pump Test Results and Analysis."

In summary, the aquifer properties of the Unit 6 area are very similar to the aquifer properties throughout the entire Christensen Ranch project area. All Unit 6 monitor wells were found to respond to wellfield operations in an appropriate manner. The aquifer modeling conducted by Aqua Terra also confirms that the monitor wells are located correctly, and in a manner which will readily identify excursions and allow timely retrieval of excursions, should they occur.

3.2 Baseline Piezometric Contour Maps

The baseline piezometric contour maps required by the WDEQ for each monitored zone are contained in the report by Aqua Terra Consultants contained in Appendix II. The maps were constructed with pre-operational water levels from the various monitor and ore zone wells.

4.0 CONCLUSIONS

In conclusion, the Unit 6 area appears to be a very typical mine unit, characteristic of the overall Christensen Ranch project area. This characterization applies to baseline water quality, geologic and hydrologic conditions. No baseline conditions were found which would cause COGEMA to operate in any different manner than that currently utilized.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6M29-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	23-JUL-96	07-AUG-96	20-JUN-96	08-JUL-96	22-JUL-96	06-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	15	15	22	23					4	18.750	4.349	23	15	1
	Mg	3.1	3	3	3					4	3.025	.050	3.1	3	1
	Na	236	230	238	238					4	235.500	3.786	238	230	1
	K	9.4	8	7	5					4	7.350	1.850	9.4	5	1
	CO3	12	9							2	10.500	2.121	12	9	1
	HCO3	54.9	55							2	54.950	.071	55	54.9	5
	SO4	480	490	480	490					4	485.00	5.774	490	480	10
	Cl	4	4	4	4	4.5	4.6	5.2	5.7	4	5.000	.560	5.7	4.5	1
	NH4 (N)	-.1	-.01							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	3.7	2.7							2	3.200	.707	3.7	2.7	.1
	TDS @ 180C	856	816	852	856					4	845.00	19.425	856	816	10
	Cond (umho/cm)[2]	1260	1220	1190	1260	1249	1272	1254	1255	5	1250.00	18.881	1272	1220	1
	Alk-CaCO3[2]	65	60	72.5	70	68.4	75.8	69.7	65.9	5	67.960	5.751	75.8	60	1
	pH (units)[2]	9.24	9.58	8.28	9.21	9.4	9.4	9	8.9	4	9.078	.558	9.58	8.28	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	.002	.005	.003					4	.003	.001	.005	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	.003					1	.003	.000	.003	.003	.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.004	-.001	.004					2	.004	.000	.004	.004	.001
	Ra226	33	37	33	44					4	36.750	5.188	44	33	.1
Q.A. DATA: by CORE	Anion meq:	11.41	11.52	11.56	11.72					4	11.553	.128	11.72	11.41	
	Cation meq:	11.51	11.21	11.88	11.88					4	11.620	.324	11.88	11.21	
	WYDEQ A/C Bal. %	-.43	1.39	-1.34	-.66					1	1.390	.000	1.39	1.39	
	CALC TDS mg/l	790.85	786.6	798.23	805.7					4	795.35	8.411	805.7	786.6	
	TDS A/C BAL	108.24	103.74	106.74	106.24					4	106.240	1.871	108.24	103.74	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6M34-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	02-MAY-96	16-MAY-96	05-JUN-96	18-JUN-96	01-MAY-96	15-MAY-96	05-JUN-96	17-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	26	25	27	25					4	25.750	.957	27	25	1
	Mg	3	3	3	4					4	3.250	.500	4	3	1
	Na	228	242	238	239					4	236.750	6.076	242	228	1
	K	9	8	7	7					4	7.750	.957	9	7	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	82.4	79							2	80.700	2.404	82.4	79	5
	SO4	500	540	560	470					4	517.50	40.311	560	470	10
	Cl	4	4	7	7	4.6	4.5	4.6	4.8	4	4.625	.126	4.8	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	3.9	3.7							2	3.800	.141	3.9	3.7	.1
	TDS @ 180C	828	848	840	836					4	838.00	8.327	848	828	10
	Cond (umho/cm)[2]	1270	1230	1250	1260	1252	1272	1292	1267	4	1270.75	16.520	1292	1252	1
	Alk-CaCO3[2]	72.5	70	75	75	68	54.2	67.8	70.5	4	65.125	7.386	70.5	54.2	1
	pH (units)[2]	8.92	8.76	8.79	8.82	8.9	8.5	8	8.7	4	8.823	.069	8.92	8.76	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	.005	-.001	-.001					2	.004	.002	.005	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.017	.006	.016	.005					4	.011	.006	.017	.005	.001
	Ra226	41	62	61	57					4	55.250	9.743	62	41	.1
Q.A. DATA: by CORE	Anion meq:	11.98	12.76	13.36	11.49					4	12.398	.828	13.36	11.49	
	Cation meq:	11.69	12.23	12.13	12.15					4	12.050	.244	12.23	11.69	
	WYDEQ A/C Bal. %	1.21	2.14	4.85	-2.81					3	2.733	1.891	4.85	1.21	
	CALC TDS mg/l	818.13	868.4	887.75	797.75					4	843.01	42.086	887.75	797.75	
	TDS A/C BAL	101.21	97.65	94.62	104.79					4	99.568	4.402	104.79	94.62	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6026-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	05-MAR-96	20-MAR-96	03-APR-96	16-APR-96	04-MAR-96	19-MAR-96	02-APR-96	15-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	28	29	28	29					4	28.500	.577	29	28	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	250	244	237	238					4	242.250	6.021	250	237	1
	K	4	5	4	4					4	4.250	.500	5	4	1
	CO3	-1	6							1	6.000	.000	6	6	1
	HCO3	91.5	79.3							2	85.400	8.627	91.5	79.3	5
	SO4	555	540	470	540					4	526.25	38.161	555	470	10
	Cl	4	4.5	4	3	4.9	4.8	4.6	4.8	4	4.775	.126	4.9	4.6	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4.9	1.9							2	3.400	2.121	4.9	1.9	.1
	TDS @ 180C	864	836	820	872					4	848.00	24.221	872	820	10
	Cond (umho/cm)[2]	1240	1260	1260	1260	1275	1305	1297	1288	4	1291.25	12.868	1305	1275	1
	Alk-CaCO3[2]	75	75	75	70	68.1	66.6	67.4	67.5	4	67.400	.616	68.1	66.6	1
	pH (units)[2]	8.29	8.46	8.26	7.53	8.3	8.4	8.3	8.4	4	8.135	.413	8.46	7.53	0-14
TRACE METALS mg/l	Al	-.05	.05							1	.050	.000	.05	.05	.05
	Arsenic	-.001	.003	.003	.003					3	.003	.000	.003	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.102 *	.064 *	.048	.05					2	.049	.001	.05	.048	.001
	Ra226	260	290	320	340					4	302.500	35.000	340	260	.1
Q.A. DATA: by CORE	Anion meq:	13.18	12.88	11.4	12.73					4	12.548	.788	13.18	11.4	
	Cation meq:	12.71	12.6	12.22	12.32					4	12.463	.230	12.71	12.22	
	WYDEQ A/C Bal. %	1.81	1.07	-3.47	1.67					3	1.517	.393	1.81	1.07	
	CALC TDS mg/l	895.65	875.15	793.75	861.7					4	856.56	44.140	895.65	793.75	
	TDS A/C BAL	96.47	95.53	103.31	101.2					4	99.128	3.732	103.31	95.53	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6P30-2

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	02-MAY-96	16-MAY-96	05-JUN-96	18-JUN-96	01-MAY-96	15-MAY-96	05-JUN-96	17-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	25	25	25	25					4	25.000	.000	25	25	1
	Mg	4	4	4	4					4	4.000	.000	4	4	1
	Na	235	249	241	244					4	242.250	5.852	249	235	1
	K	10	8	7	7					4	8.000	1.414	10	7	1
	CO3	3	2							2	2.500	.707	3	2	1
	HCO3	79.3	79							2	79.150	.212	79.3	79	5
	SO4	530	540	580	490					4	535.00	36.968	580	490	10
	Cl	4	5	7	7.5	4.7	4.6	4.6	4.7	4	4.650	.058	4.7	4.6	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	3.8	3.8							2	3.800	.000	3.8	3.8	.1
	TDS @ 180C	856	876	852	860					4	861.00	10.520	876	852	10
	Cond (umho/cm)[2]	1290	1280	1260	1280	1303	1304	1299	1284	4	1297.50	9.256	1304	1284	1
	Alk-CaCO3[2]	70	67.5	72.5	70	76.2	72.5	68.2	70.5	4	71.850	3.391	76.2	68.2	1
	pH (units)[2]	9.04	8.88	8.87	8.79	9.1	8.9	8.9	8.9	4	8.895	.105	9.04	8.79	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	.005	.002	.001					4	.003	.002	.005	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.01	-.001	.01	.01					3	.010	.000	.01	.01	.001
	Ra226	33	38	30	32					4	33.250	3.403	38	30	.1
Q.A. DATA: by CORE	Anion meq:	12.55	12.74	13.73	11.82					4	12.710	.787	13.73	11.82	
	Cation meq:	12.06	12.61	12.24	12.37					4	12.320	.231	12.61	12.06	
	WYDEQ A/C Bal. %	2.02	.5	5.73	-2.28					3	2.750	2.690	5.73	.5	
	CALC TDS mg/l	854.5	875.98	908.23	820.2					4	864.73	36.997	908.23	820.2	
	TDS A/C BAL	100.18	100	93.81	104.85					4	99.710	4.529	104.85	93.81	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6R21-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	05-MAR-96	19-MAR-96	03-APR-96	18-APR-96	04-MAR-96	18-MAR-96	02-APR-96	17-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	23	25	24	28					4	25.000	2.160	28	23	1
	Mg	3	4	5	5					4	4.250	.957	5	3	1
	Na	254	239	236	248					4	244.250	8.261	254	236	1
	K	8	9	7	5					4	7.250	1.708	9	5	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	73.2	76.3							2	74.750	2.192	76.3	73.2	5
	SO4	562	525	550	558					4	548.75	16.601	562	525	10
	Cl	4	4.5	4	3	5.1	4.9	4.9	4.9	4	4.950	.100	5.1	4.9	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	.09							1	.090	.000	.09	.09	.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4.9	5							2	4.950	.071	5	4.9	.1
	TDS @ 180C	848	808	824	876					4	839.00	29.642	876	808	10
	Cond (umho/cm)[2]	1240	1240	1260	1180	1247	1301	1288	1249	4	1271.25	27.379	1301	1247	1
	Alk-CaCO3[2]	70	72.5	73	70	76.8	66.9	64.5	67.2	4	68.850	5.436	76.8	64.5	1
	pH (units)[2]	9.11	9.05	8.94	8.64	9.3	8.9	8.8	8.8	4	8.935	.209	9.11	8.64	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.002	.004	-.001					2	.003	.001	.004	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.1							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.009	.006	.003	.005					4	.006	.003	.009	.003	.001
	Ra226	75	68	54	83					4	70.000	12.302	83	54	.1
Q.A. DATA: by CORE	Anion meq:	13.22	12.51	13.03	13.11					4	12.968	.315	13.22	12.51	
	Cation meq:	12.65	12.21	12.06	12.73					4	12.413	.328	12.73	12.06	
	WYDEQ A/C Bal. %	2.21	1.25	3.88	1.48					4	2.205	1.189	3.88	1.25	
	CALC TDS mg/l	901.6	855.73	870.53	889.7					4	879.39	20.313	901.6	855.73	
	TDS A/C BAL	94.06	94.42	94.65	98.46					4	95.398	2.056	98.46	94.06	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6T17-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-FEB-96	06-MAR-96	20-MAR-96	03-APR-96	20-FEB-96	05-MAR-96	19-MAR-96	03-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	28	25	24	18					4	23.750	4.193	28	18	1
	Mg	4	3	4	4					4	3.750	.500	4	3	1
	Na	224	244	245	234					4	236.750	9.845	245	224	1
	K	9	7	8	10					4	8.500	1.291	10	7	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	79	88.5							2	83.750	6.718	88.5	79	5
	SO4	504	515	520	520					4	514.75	7.544	520	504	10
	Cl	5	4.5	4.5	4	5.2	4.8	5.2	5.2	4	5.100	.200	5.2	4.8	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	.05							1	.050	.000	.05	.05	.05
	F	.1	.2							2	.150	.071	.2	.1	.1
	SIO2	5.8	5.3							2	5.550	.354	5.8	5.3	.1
	TDS @ 180C	824	828	808	832					4	823.00	10.520	832	808	10
	Cond (umho/cm)[2]	1200	1230	1230	1200	1296	1265	1278	1278	4	1279.25	12.738	1296	1265	1
	Alk-CaCO3[2]	70	78	85	65	77.4	73	74	74	4	74.600	1.925	77.4	73	1
	pH (units)[2]	9.11	8.85	9.11	8.98	9.2	9.1	9.1	9.1	4	9.013	.124	9.11	8.85	0-14
TRACE METALS mg/l	Al	.14	-.05							1	.140	.000	.14	.14	.05
	Arsenic	-.001	-.001	.002	.002					2	.002	.000	.002	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	.2	-.05							1	.200	.000	.2	.2	.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.01	-.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.019	.004	.005	.006					4	.009	.007	.019	.004	.001
	Ra226	100	76	98	86					4	90.000	11.195	100	76	.1
Q.A. DATA: by CORE	Anion meq:	12.04	12.42	12.66	12.25					4	12.343	.263	12.66	12.04	
	Cation meq:	11.7	12.29	12.39	11.66					4	12.010	.384	12.39	11.66	
	WYDEQ A/C Bal. %	1.42	.52	1.08	2.44					4	1.365	.807	2.44	.52	
	CALC TDS mg/l	816.7	851.38	857.35	829.65					4	838.77	18.925	857.35	816.7	
	TDS A/C BAL	100.89	97.25	94.24	100.28					4	98.165	3.063	100.89	94.24	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6T23-3

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	06-JUN-96	18-JUN-96	09-JUL-96	22-JUL-96	06-JUN-96	18-JUN-96	08-JUL-96	22-JUL-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	24	28	26	26					4	26.000	1.633	28	24	1
	Mg	3	4	4	4					4	3.750	.500	4	3	1
	Na	227	234	227	230					4	229.500	3.317	234	227	1
	K	8	6	7	5					4	6.500	1.291	8	5	1
	CO3	6	3							2	4.500	2.121	6	3	1
	HCO3	82.4	88.5							2	85.450	4.313	88.5	82.4	5
	SO4	490	500	490	500					4	495.00	5.774	500	490	10
	Cl	5.5	4.5	4	4	4.5	5.5	4.7	5.8	4	5.125	.624	5.8	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.1	3.9							2	4.000	.141	4.1	3.9	.1
	TDS @ 180C	824	828	836	820					4	827.00	6.831	836	820	10
	Cond (umho/cm)[2]	1230	1240	1210	1200	1241	1280	1249	1238	4	1252.00	19.235	1280	1238	1
	Alk-CaCO3[2]	77.5	77.5	75	75	82.7	74	64.4	73.2	4	73.575	7.478	82.7	64.4	1
	pH (units)[2]	8.76	8.83	8.87	8.64	9.5	8.6	8.6	8.7	4	8.775	.101	8.87	8.64	0-14
TRACE METALS mg/l	Al	-.05	.11							1	.110	.000	.11	.11	.05
	Arsenic	-.001	-.001	.002	.003					2	.003	.001	.003	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	.001	-.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	.004	.003					2	.004	.001	.004	.003	.001
	Ra226	1.2	4.8	2	3.3					4	2.825	1.576	4.8	1.2	.1
Q.A. DATA: by CORE	Anion meq:	11.91	12.09	11.82	12.03					4	11.963	.121	12.09	11.82	
	Cation meq:	11.52	12.06	11.68	11.76					4	11.755	.226	12.06	11.52	
	WYDEQ A/C Bal. %	1.66	.13	.59	1.13					4	.878	.663	1.66	.13	
	CALC TDS mg/l	808.88	827.68	803.75	814.75					4	813.77	10.308	827.68	803.75	
	TDS A/C BAL	101.87	100.04	104.01	100.64					4	101.640	1.754	104.01	100.04	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: ..RISTENSEN RANCH - MINE UNIT #6

WELL ID: 6T35-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	06-JUN-96	18-JUN-96	09-JUL-96	24-JUL-96	06-JUN-96	18-JUN-96	08-JUL-96	24-JUL-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	19	27	27	27					4	25.000	4.000	27	19	1
	Mg	4	5	4	4					4	4.250	.500	5	4	1
	Na	230	239	230	236					4	233.750	4.500	239	230	1
	K	6	6	7	4					4	5.750	1.258	7	4	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	64.1	88.5							2	76.300	17.253	88.5	64.1	5
	SO4	470	500	510	520					4	500.00	21.602	520	470	10
	Cl	5	5	4	5	4.8	5.7	3.9	5.7	4	5.025	.862	5.7	3.9	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4	4.2							2	4.100	.141	4.2	4	.1
	TDS @ 180C	836	844	836	828					4	836.00	6.532	844	828	10
	Cond (umho/cm)[2]	1320	1260	1230	1240	1261	1244	1275	1258	4	1259.50	12.715	1275	1244	1
	Alk-CaCO3[2]	57.5	77.5	80	77.5	72.9	64.4	71	74.8	4	70.775	4.524	74.8	64.4	1
	pH (units)[2]	8.79	8.9	8.85	8.66	8.9	8.5	8.8	8.5	4	8.800	.104	8.9	8.66	0-14
TRACE METALS mg/l	Al	-.05	.08							1	.080	.000	.08	.08	.05
	Arsenic	-.001	-.001	-.001	-.001					0					.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.002	-.001	.005	.003					3	.003	.002	.005	.002	.001
	Ra226	44	38	42	24					4	37.000	9.018	44	24	.1
Q.A. DATA: by CORE	Anion meq:	11.08	12.11	12.34	12.52					4	12.013	.644	12.52	11.08	
	Cation meq:	11.44	12.31	11.86	12.05					4	11.915	.366	12.31	11.44	
	WYDEQ A/C Bal. %	-1.57	-.84	1.96	1.94					2	1.950	.014	1.96	1.94	
	CALC TDS mg/l	773.08	833.48	830.8	843.28					4	820.16	31.842	843.28	773.08	
	TDS A/C BAL	108.14	101.26	100.63	98.19					4	102.055	4.267	108.14	98.19	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6U20-2

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-FEB-96	06-MAR-96	20-MAR-96	03-APR-96	20-FEB-96	05-MAR-96	19-MAR-96	03-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	28	23	28	26					4	26.250	2.363	28	23	1
	Mg	3	2	4	4					4	3.250	.957	4	2	1
	Na	219	248	224	234					4	231.250	12.790	248	219	1
	K	6	6	5	5					4	5.500	.577	6	5	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	76	79.3							2	77.650	2.333	79.3	76	5
	SO4	492	533	470	500					4	498.75	26.120	533	470	10
	Cl	6	4.5	4.5	4	5.1	4.8	5.2	4.9	4	5.000	.183	5.2	4.8	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.2							2	.150	.071	.2	.1	.1
	SIO2	4.9	5.8							2	5.350	.636	5.8	4.9	.1
	TDS @ 180C	796	828	800	832					4	814.00	18.619	832	796	10
	Cond (umho/cm)[2]	1190	1190	1200	1200	1256	1254	1265	1237	4	1253.00	11.690	1265	1237	1
	Alk-CaCO3[2]	68	70	80	80	79.6	74.5	69.1	67.9	4	72.775	5.380	79.6	67.9	1
	pH (units)[2]	9.28	8.85	8.91	8.91	9.6	9.1	8.8	8.8	4	8.988	.197	9.28	8.85	0-14
TRACE METALS mg/l	Al	-.05	.39							1	.390	.000	.39	.39	.05
	Arsenic	.004	-.001	.003	.005					3	.004	.001	.005	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	.003	-.001	-.001	-.001					1	.003	.000	.003	.003	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.029	.021	.011	.012					4	.018	.008	.029	.011	.001
	Ra226	130	120	120	120					4	122.500	5.000	130	120	.1
Q.A. DATA: by CORE	Anion meq:	11.78	12.63	11.52	12.13					4	12.015	.480	12.63	11.52	
	Cation meq:	11.33	12.25	11.6	11.94					4	11.780	.401	12.25	11.33	
	WYDEQ A/C Bal. %	1.96	1.52	-.36	.81					3	1.430	.580	1.96	.81	
	CALC TDS mg/l	800.38	865	784.3	821.8					4	817.87	34.974	865	784.3	
	TDS A/C BAL	99.45	95.72	102	101.24					4	99.603	2.800	102	95.72	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6V24-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-FEB-96	05-MAR-96	20-MAR-96	03-APR-96	20-FEB-96	04-MAR-96	19-MAR-96	02-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	32	27	30	28					4	29.250	2.217	32	27	1
	Mg	4	4	5	5					4	4.500	.577	5	4	1
	Na	225	256	238	241					4	240.000	12.728	256	225	1
	K	9	9	8	8					4	8.500	.577	9	8	1
	CO3	6	12							2	9.000	4.243	12	6	1
	HCO3	70	67.1							2	68.550	2.051	70	67.1	5
	SO4	504	530	525	500					4	514.75	14.953	530	500	10
	Cl	5	4.5	4	4	5.2	5.1	4.9	4.8	4	5.000	.183	5.2	4.8	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.2							2	.150	.071	.2	.1	.1
	SIO2	5.5	5.2							2	5.350	.212	5.5	5.2	.1
	TDS @ 180C	852	884	836	888					4	865.00	25.166	888	836	10
	Cond (umho/cm)[2]	1150	1260	1250	1250	1324	1234	1281	1271	4	1277.50	37.009	1324	1234	1
	Alk-CaCO3[2]	68	75	80	75	73.7	77.2	73.1	71.4	4	73.850	2.437	77.2	71.4	1
	pH (units)[2]	9.63	9.14	9.25	9.29	9.2	9.5	9.3	9.3	4	9.328	.211	9.63	9.14	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.005	-.001	.003	.005					3	.004	.001	.005	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.026	.024	.014	.015					4	.020	.006	.026	.014	.001
	Ra226	150	190	210	160					4	177.500	27.538	210	150	.1
Q.A. DATA: by CORE	Anion meq:	12	12.67	12.65	12.03					4	12.338	.373	12.67	12	
	Cation meq:	11.95	13.04	12.47	12.5					4	12.490	.445	13.04	11.95	
	WYDEQ A/C Bal. %	.23	-1.44	.72	-1.92					2	.475	.346	.72	.23	
	CALC TDS mg/l	825.98	781.45	858.8	831.75					4	824.50	32.065	858.8	781.45	
	TDS A/C BAL	103.15	113.12	97.35	106.76					4	105.095	6.607	113.12	97.35	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6W33-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	06-JUN-96	18-JUN-96	09-JUL-96	22-JUL-96	06-JUN-96	17-JUN-96	08-JUL-96	22-JUL-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	27	23	24	26					4	25.000	1.826	27	23	1
	Mg	4	4	4	4					4	4.000	.000	4	4	1
	Na	228	240	235	242					4	236.250	6.238	242	228	1
	K	7	5	6	5					4	5.750	.957	7	5	1
	CO3	1.5	3							2	2.250	1.061	3	1.5	1
	HCO3	88.5	73.2							2	80.850	10.819	88.5	73.2	5
	SO4	490	500	520	520					4	507.50	15.000	520	490	10
	Cl	4	5	4	4	4.6	4.8	4.5	5.4	4	4.825	.403	5.4	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.1	4							2	4.050	.071	4.1	4	.1
	TDS @ 180C	840	864	832	852					4	847.00	14.000	864	832	10
	Cond (umho/cm)[2]	1240	1280	1260	1240	1289	1277	1308	1276	4	1287.50	14.888	1308	1276	1
	Alk-CaCO3[2]	75	65	65	72.5	75	70.1	77.1	74.8	4	74.250	2.956	77.1	70.1	1
	pH (units)[2]	9.09	9.17	9.25	9.22	8.9	9	9.2	9.2	4	9.183	.070	9.25	9.09	0-14
TRACE METALS mg/l	Al	-.05	.12							1	.120	.000	.12	.12	.05
	Arsenic	-.001	-.001	.001	.004					2	.003	.002	.004	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	.0003							1	.000		.0003	.0003	.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	-.001	.005	.005					3	.004	.001	.005	.003	.001
	Ra226	33	45	40	48					4	41.500	6.557	48	33	.1
Q.A. DATA: by CORE	Anion meq:	11.82	11.86	12.25	12.4					4	12.083	.287	12.4	11.82	
	Cation meq:	11.78	12.05	11.9	12.28					4	12.003	.215	12.28	11.78	
	WYDEQ A/C Bal. %	.19	-.79	1.41	.46					3	.687	.641	1.41	.19	
	CALC TDS mg/l	809.85	820.65	832.65	845.23					4	827.10	15.261	845.23	809.85	
	TDS A/C BAL	103.72	105.28	99.92	100.8					4	102.430	2.500	105.28	99.92	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6X26-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	22-JUL-96	07-AUG-96	20-JUN-96	08-JUL-96	22-JUL-96	06-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	19	19	24	23					4	21.250	2.630	24	19	1
	Mg	2.5	3	3	3					4	2.875	.250	3	2.5	1
	Na	225	226	222	230					4	225.750	3.304	230	222	1
	K	12.2	10	8	7					4	9.300	2.301	12.2	7	1
	CO3	9	6							2	7.500	2.121	9	6	1
	HCO3	73.2	70							2	71.600	2.263	73.2	70	5
	SO4	470	490	480	490					4	482.50	9.574	490	470	10
	Cl	4	5	4	6	5.4	5.2	5.9	5.9	4	5.600	.356	5.9	5.2	1
	NH4 (N)	-.1	-.01							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4	2.8							2	3.400	.849	4	2.8	.1
	TDS @ 180C	800	808	808	828					4	811.00	11.944	828	800	10
	Cond (umho/cm)[2]	1260	1200	1200	1230	1242	1245	1219	1235	5	1228.20	18.700	1245	1200	1
	Alk-CaCO3[2]	75	67.5	77.5	75	82.6	75.9	76.3	75.6	5	75.580	5.366	82.6	67.5	1
	pH (units)[2]	9.26	9.47	9.19	9.17	9.4	9.3	9.2	9	4	9.273	.137	9.47	9.17	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	.003	.005	.004					4	.004	.001	.005	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.01							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	.06							1	.060	.000	.06	.06	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.014	.013	.012	.013					4	.013	.001	.014	.012	.001
	Ra226	120	98	130	100					4	112.000	15.578	130	98	.1
Q.A. DATA: by CORE	Anion meq:	11.4	11.7	11.66	11.88					4	11.660	.198	11.88	11.4	
	Cation meq:	11.25	11.28	11.31	11.58					4	11.355	.152	11.58	11.25	
	WYDEQ A/C Bal. %	.66	1.81	1.55	1.27					4	1.323	.494	1.81	.66	
	CALC TDS mg/l	782.45	794.18	788.28	804.75					4	792.42	9.516	804.75	782.45	
	TDS A/C BAL	102.24	101.74	102.5	102.89					4	102.343	.482	102.89	101.74	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AA41-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	04-MAR-96	19-MAR-96	03-APR-96	16-APR-96	04-MAR-96	18-MAR-96	02-APR-96	15-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	27	27	26	26					4	26.500	.577	27	26	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	241	243	236	260					4	245.000	10.424	260	236	1
	K	9	8	8	7					4	8.000	.816	9	7	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	82.4	79.3							2	80.850	2.192	82.4	79.3	5
	SO4	535	538	530	570					4	543.25	18.136	570	530	10
	Cl	4.5	4.5	4	3	5	4.7	4.6	4.7	4	4.750	.173	5	4.6	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	5.2	5.1							2	5.150	.071	5.2	5.1	.1
	TDS @ 180C	872	840	856	864					4	858.00	13.663	872	840	10
	Cond (umho/cm)[2]	1260	1240	1250	1230	1282	1307	1288	1282	4	1289.75	11.843	1307	1282	1
	Alk-CaCO3[2]	78	75	78	75	71.8	70.1	70.3	69.4	4	70.400	1.010	71.8	69.4	1
	pH (units)[2]	8.77	8.84	8.79	8.63	9	8.9	8.8	8.7	4	8.758	.090	8.84	8.63	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.003	.005	-.001					2	.004	.001	.005	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.1							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	.001					1	.001	.000	.001	.001	.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.024	.01	.014	.016					4	.016	.006	.024	.01	.001
	Ra226	51	29	60	40					4	45.000	13.441	60	29	.1
Q.A. DATA: by CORE	Anion meq:	12.83	12.84	12.71	13.46					4	12.960	.339	13.46	12.71	
	Cation meq:	12.39	12.54	12.18	13.2					4	12.578	.440	13.2	12.18	
	WYDEQ A/C Bal. %	1.75	1.17	2.14	.97					4	1.508	.536	2.14	.97	
	CALC TDS mg/l	873.28	876.35	856.58	916.75					4	880.74	25.530	916.75	856.58	
	TDS A/C BAL	99.85	95.85	99.93	94.25					4	97.470	2.870	99.93	94.25	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AC35-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	24-JUL-96	07-AUG-96	20-JUN-96	09-JUL-96	24-JUL-96	05-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	25	29	27	27					4	27.000	1.633	29	25	1
	Mg	1.7	5	4	4					4	3.675	1.399	5	1.7	1
	Na	238	233	245	233					4	237.250	5.679	245	233	1
	K	5.9	5	5	4					4	4.975	.776	5.9	4	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	85.4	79.3							2	82.350	4.313	85.4	79.3	5
	SO4	480	520	571	520					4	522.75	37.286	571	480	10
	Cl	5	5	6	5	5	4.7	5.5	5.6	4	5.200	.424	5.6	4.7	1
	NH4 (N)	.1	.1							2	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.2	4.2							2	4.200	.000	4.2	4.2	.1
	TDS @ 180C	856	840	840	844					4	845.00	7.572	856	840	10
	Cond (umho/cm)[2]	1260	1260	1240	1240	1283	1273	1240	1267	4	1265.75	18.392	1283	1240	1
	Alk-CaCO3[2]	80	75	75	67.5	75.5	74.9	72.6	74.6	4	74.400	1.257	75.5	72.6	1
	pH (units)[2]	8.73	8.87	8.76	8.94	9	8.9	8.7	8.8	4	8.825	.097	8.94	8.73	0-14
TRACE METALS mg/l	Al	.08	-.05							1	.080	.000	.08	.08	.05
	Arsenic	.002	.002	.001	.006					4	.003	.002	.006	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.003	.002	.003					3	.003	.001	.003	.002	.001
	Ra226	5.6	6.5	2.1	-1.7					3	4.733	2.325	6.5	2.1	.1
Q.A. DATA: by CORE	Anion meq:	11.74	12.47	13.56	12.32					4	12.523	.760	13.56	11.74	
	Cation meq:	11.89	12.13	12.46	11.92					4	12.100	.263	12.46	11.89	
	WYDEQ A/C Bal. %	-.63	1.42	4.23	1.68					3	2.443	1.553	4.23	1.42	
	CALC TDS mg/l	808.6	846.95	903.75	834.18					4	848.37	40.216	903.75	808.6	
	TDS A/C BAL	105.86	99.18	92.95	101.18					4	99.793	5.352	105.86	92.95	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AD61-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	24-JUL-96	07-AUG-96	19-JUN-96	09-JUL-96	24-JUL-96	06-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	30	29	28	28					4	28.750	.957	30	28	1
	Mg	4.6	6	6	6					4	5.650	.700	6	4.6	1
	Na	236	231	242	241					4	237.500	5.066	242	231	1
	K	9.1	5	4	4					4	5.525	2.430	9.1	4	1
	CO3	6	3							2	4.500	2.121	6	3	1
	HCO3	85.4	79.3							2	82.350	4.313	85.4	79.3	5
	SO4	510	530	594	510					4	536.00	39.799	594	510	10
	Cl	4	2	5	4	4.8	4.7	5.8	5.3	4	5.150	.507	5.8	4.7	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	3.9	4.2							2	4.050	.212	4.2	3.9	.1
	TDS @ 180C	868	848	840	864					4	855.00	13.216	868	840	10
	Cond (umho/cm)[2]	1330	1280	1260	1260	1282	1293	1276	1289	4	1285.00	7.528	1293	1276	1
	Alk-CaCO3[2]	80	70	75	70	74.2	69.7	69.9	68.7	4	70.625	2.440	74.2	68.7	1
	pH (units)[2]	8.99	8.54	8.54	8.66	9.1	8.6	8.4	8.5	4	8.683	.213	8.99	8.54	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.001	.001	.002	.004					4	.002	.001	.004	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.007	.008	.007	.008					4	.008	.001	.008	.007	.001
	Ra226	180	220	140	210					4	187.500	35.940	220	140	.1
Q.A. DATA: by CORE	Anion meq:	12.34	12.5	14.02	12.14					4	12.750	.859	14.02	12.14	
	Cation meq:	12.38	12.12	12.52	12.48					4	12.375	.180	12.52	12.12	
	WYDEQ A/C Bal. %	-.16	1.53	5.62	-1.39					2	3.575	2.892	5.62	1.53	
	CALC TDS mg/l	846.4	849.9	924.75	835.7					4	864.19	40.824	924.75	835.7	
	TDS A/C BAL	102.55	99.78	90.84	103.39					4	99.140	5.744	103.39	90.84	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AE33-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	04-MAR-96	19-MAR-96	03-APR-96	16-APR-96	04-MAR-96	18-MAR-96	02-APR-96	15-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	26	26	24	25					4	25.250	.957	26	24	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	231	227	225	230					4	228.250	2.754	231	225	1
	K	6	6	5	4					4	5.250	.957	6	4	1
	CO3	6	-1							1	6.000	.000	6	6	1
	HCO3	82.4	73.2							2	77.800	6.505	82.4	73.2	5
	SO4	495	510	450	500					4	488.75	26.575	510	450	10
	Cl	4	4.5	4	4	5.3	5.3	4.9	5.2	4	5.175	.189	5.3	4.9	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	5.3	5.4							2	5.350	.071	5.4	5.3	.1
	TDS @ 180C	800	804	820	808					4	808.00	8.641	820	800	10
	Cond (umho/cm)[2]	1170	1200	1160	1140	1228	1256	1244	1235	4	1240.75	12.093	1256	1228	1
	Alk-CaCO3[2]	78	60	78	80	71.5	72.1	69.7	70.5	4	70.950	1.063	72.1	69.7	1
	pH (units)[2]	8.83	7.04	8.79	8.72	9	8.9	8.9	8.8	4	8.345	.871	8.83	7.04	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.002	.004	-.001					2	.003	.001	.004	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	.0004							1	.000		.0004	.0004	.0002
	Mo	-.05	-.1							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	.001					1	.001	.000	.001	.001	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.009	.009	.007	.008					4	.008	.001	.009	.007	.001
	Ra226	60	54	64	120					4	74.500	30.610	120	54	.1
Q.A. DATA: by CORE	Anion meq:	11.99	11.95	11.05	12.13					4	11.780	.493	12.13	11.05	
	Cation meq:	11.83	11.74	11.53	11.77					4	11.718	.130	11.83	11.53	
	WYDEQ A/C Bal. %	.65	.89	-2.13	1.51					3	1.017	.444	1.51	.65	
	CALC TDS mg/l	818.88	820.5	760.58	816.8					4	804.19	29.113	820.5	760.58	
	TDS A/C BAL	97.69	97.99	107.81	98.92					4	100.603	4.833	107.81	97.69	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AE44-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	18-APR-96	02-MAY-96	16-MAY-96	05-JUN-96	17-APR-96	01-MAY-96	15-MAY-96	04-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	23	28	27	27					4	26.250	2.217	28	23	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	242	224	241	234					4	235.250	8.302	242	224	1
	K	8	6	6	6					4	6.500	1.000	8	6	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	61	76.3							2	68.650	10.819	76.3	61	5
	SO4	540	505	540	523					4	527.00	16.713	540	505	10
	Cl	3	5	5.5	7	5	5.1	5.1	5.1	4	5.075	.050	5.1	5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.1	4.1							2	4.100	.000	4.1	4.1	.1
	TDS @ 180C	856	856	860	824					4	849.00	16.773	860	824	10
	Cond (umho/cm)[2]	1260	1260	1250	1250	1249	1249	1257	1300	4	1263.75	24.459	1300	1249	1
	Alk-CaCO3[2]	60	72.5	75	80	62.7	58	71.6	70	4	65.575	6.365	71.6	58	1
	pH (units)[2]	9.05	8.98	8.8	8.62	9	8.8	8.7	8.7	4	8.863	.193	9.05	8.62	0-14
TRACE METALS mg/l	Al	.06	-.05							1	.060	.000	.06	.06	.05
	Arsenic	.003	.003	.003	-.001					3	.003	.000	.003	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.083 *	.021	.011	.081 *					2	.016	.007	.021	.011	.001
	Ra226	88	100	160	160					4	127.000	38.419	160	88	.1
Q.A. DATA: by CORE	Anion meq:	12.53	12.11	12.9	12.69					4	12.558	.335	12.9	12.11	
	Cation meq:	12.21	11.71	12.4	12.09					4	12.103	.291	12.4	11.71	
	WYDEQ A/C Bal. %	1.31	1.69	2	2.41					4	1.853	.467	2.41	1.31	
	CALC TDS mg/l	860.7	821.33	870.25	850.8					4	850.77	21.172	870.25	821.33	
	TDS A/C BAL	99.45	104.22	98.82	96.85					4	99.835	3.126	104.22	96.85	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AG48-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	09-JUL-96	24-JUL-96	07-AUG-96	20-AUG-96	09-JUL-96	23-JUL-96	05-AUG-96	20-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	12	19	20	23					4	18.500	4.655	23	12	1
	Mg	2	2	3	3					4	2.500	.577	3	2	1
	Na	223	232	231	225					4	227.750	4.425	232	223	1
	K	6	5	5	5					4	5.250	.500	6	5	1
	CO3	9	9							2	9.000	.000	9	9	1
	HCO3	42.7	61							2	51.850	12.940	61	42.7	5
	SO4	470	500	500	506					4	494.00	16.248	506	470	10
	Cl	6	4	5.5	6	4.9	5.9	5.9	5.9	4	5.650	.500	5.9	4.9	1
	NH4 (N)	.1	-.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	3.9	1							2	2.450	2.051	3.9	1	.1
	TDS @ 180C	772	804	780	820					4	794.00	22.030	820	772	10
	Cond (umho/cm)[2]	1160	1150	1140	1160	1201	1205	1222	1213	4	1210.25	9.287	1222	1201	1
	Alk-CaCO3[2]	50	65	60	65	73.2	58.5	65.2	73	4	67.475	7.048	73.2	58.5	1
	pH (units)[2]	9.72	9.18	9.12	8.96	9.6	9.2	9	9.1	4	9.245	.330	9.72	8.96	0-14
TRACE METALS mg/l	Al	.06	-.05							1	.060	.000	.06	.06	.05
	Arsenic	.003	.001	.002	-.001					3	.002	.001	.003	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.003	.004	.003					4	.003	.001	.004	.003	.001
	Ra226	7.9	23	3.6	-2.2					3	11.500	10.189	23	3.6	.1
Q.A. DATA: by CORE	Anion meq:	10.96	11.83	11.77	12.01					4	11.643	.466	12.01	10.96	
	Cation meq:	10.62	11.33	11.42	11.31					4	11.170	.370	11.42	10.62	
	WYDEQ A/C Bal. %	1.6	2.15	1.51	3					4	2.065	.685	3	1.51	
	CALC TDS mg/l	753.4	802.65	801.1	807.65					4	791.20	25.355	807.65	753.4	
	TDS A/C BAL	102.47	100.17	97.37	101.53					4	100.385	2.221	102.47	97.37	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AG68-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	10-JUL-96	23-JUL-96	07-AUG-96	20-AUG-96	10-JUL-96	22-JUL-96	05-AUG-96	20-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	20	22	18	15					4	18.750	2.986	22	15	1
	Mg	-1	-1	-1	-1					0					1
	Na	230	251	239	231					4	237.750	9.708	251	230	1
	K	25 *	21 *	20 *	17 *					0					1
	CO3	21 *	12							1	12.000	.000	12	12	1
	HCO3	-5	-5							0					5
	SO4	460	510	500	450					4	480.00	29.439	510	450	10
	Cl	5	4	4	5	4.1	5.2	5.2	5.2	4	4.925	.550	5.2	4.1	1
	NH4 (N)	.2	.2							2	.200	.000	.2	.2	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.5 *							1	.200	.000	.2	.2	.1
	SIO2	3.5	3.1							2	3.300	.283	3.5	3.1	.1
	TDS @ 180C	888	856	800	830					4	843.50	37.466	888	800	10
	Cond (umho/cm)[2]	1540 *	1460	1300	1320	1597 *	1640 *	1452	1385	2	1418.50	47.376	1452	1385	1
	Alk-CaCO3[2]	118 *	118 *	75	65	146.2 *	126.7 *	82.2	65.8	2	74.000	11.597	82.2	65.8	1
	pH (units)[2]	11.25 *	11.2 *	11.16 *	10.83 *	11.1 *	11.2 *	10.9 *	10.7 *	0					0-14
TRACE METALS mg/l	Al	.3	.19							2	.245	.078	.3	.19	.05
	Arsenic	.003	.003	-.001	-.001					2	.003	.000	.003	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	.06							1	.060	.000	.06	.06	.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	.06	-.05							1	.060	.000	.06	.06	.05
	Ni	-.05	-.05							0					.05
	Se	-.001	.003	.001	-.001					2	.002	.001	.003	.001	.001
	V	.19	.07							2	.130	.085	.19	.07	.05
	Zn	.01	-.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.014	.007	.005	.003					4	.007	.005	.014	.003	.001
	Ra226	37	35	38	10					4	30.000	13.392	38	10	.1
Q.A. DATA: by CORE	Anion meq:	12.08	13.1	12.03	10.82					4	12.008	.933	13.1	10.82	
	Cation meq:	11.64	12.55	11.8	11.23					4	11.805	.552	12.55	11.23	
	WYDEQ A/C Bal. %	1.87	2.13	.94	-1.88					3	1.647	.626	2.13	.94	
	CALC TDS mg/l	815.48	883.08	826.75	757.65					4	820.74	51.415	883.08	757.65	
	TDS A/C BAL	108.89	96.93	96.76	109.55					4	103.033	7.150	109.55	96.76	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AJ37-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	18-APR-96 COR	01-MAY-96 COR	16-MAY-96 COR	05-JUN-96 COR	18-APR-96 CR	30-APR-96 CR	15-MAY-96 CR	04-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	24	23	22	22					4	22.750	.957	24	22	1
	Mg	3	4	4	5					4	4.000	.816	5	3	1
	Na	240	226	230	226					4	230.500	6.608	240	226	1
	K	6	6	5	6					4	5.750	.500	6	5	1
	CO3	6	3							2	4.500	2.121	6	3	1
	HCO3	73.2	82.4							2	77.800	6.505	82.4	73.2	5
	SO4	522	495	460	507					4	496.00	26.420	522	460	10
	Cl	3	4	5	6.5	6.4	5	4.9	5.1	4	5.350	.705	6.4	4.9	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4.2	4.1							2	4.150	.071	4.2	4.1	.1
	TDS @ 180C	828	784	792	764					4	792.00	26.733	828	764	10
	Cond (umho/cm)[2]	1180	1170	1160	1190	1181	1187	1200	1241	4	1202.25	27.023	1241	1181	1
	Alk-CaCO3[2]	70	72.5	75	75	70.3	72	71.1	69.5	4	70.725	1.072	72	69.5	1
	pH (units)[2]	8.95	8.61	8.62	8.48	9.1	8.8	8.7	8.6	4	8.665	.200	8.95	8.48	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.004	.003	.003	.001					4	.003	.001	.004	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.013	.009	.003	.003					4	.007	.005	.013	.003	.001
	Ra226	79	63	86	87					4	78.750	11.087	87	63	.1
Q.A. DATA: by CORE	Anion meq:	12.36	11.88	11.22	12.25					4	11.928	.514	12.36	11.22	
	Cation meq:	12.04	11.46	11.56	11.5					4	11.640	.270	12.04	11.46	
	WYDEQ A/C Bal. %	1.32	1.76	-1.48	3.15					3	2.077	.955	3.15	1.32	
	CALC TDS mg/l	844.9	806.33	771.75	818.25					4	810.31	30.344	844.9	771.75	
	TDS A/C BAL	98	97.23	102.62	93.37					4	97.805	3.796	102.62	93.37	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AL31-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	18-APR-96	01-MAY-96	14-MAY-96	03-JUN-96	18-APR-96	30-APR-96	13-MAY-96	03-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	27	29	27	28					4	27.750	.957	29	27	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	242	239	254	244					4	244.750	6.500	254	239	1
	K	7	7	6	6					4	6.500	.577	7	6	1
	CO3	6	9							2	7.500	2.121	9	6	1
	HCO3	54.9	70.2							2	62.550	10.819	70.2	54.9	5
	SO4	590	545	567	583					4	571.25	19.973	590	545	10
	Cl -	2	4	4	7	5.9	4.7	4.4	4.5	4	4.875	.695	5.9	4.4	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.4	4.2							2	4.300	.141	4.4	4.2	.1
	TDS @ 180C	924	896	904	908					4	908.00	11.776	924	896	10
	Cond (umho/cm)[2]	1300	1310	1280	1290	1323	1325	1333	1342	4	1330.75	8.655	1342	1323	1
	Alk-CaCO3[2]	55	72.5	65	75	69.7	54.7	69.6	59.8	4	63.450	7.456	69.7	54.7	1
	pH (units)[2]	8.98	8.83	8.93	9.09	9.4	8.9	9.1	8.8	4	8.958	.108	9.09	8.83	0-14
TRACE METALS mg/l	Al	.05	-.05							1	.050	.000	.05	.05	.05
	Arsenic	.006	.006	.005	.003					4	.005	.001	.006	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.011	.008	-.001	.01					3	.010	.002	.011	.008	.001
	Ra226	100	86	110	96					4	98.000	9.933	110	86	.1
Q.A. DATA: by CORE	Anion meq:	13.45	12.92	13.23	13.84					4	13.360	.387	13.84	12.92	
	Cation meq:	12.38	12.44	12.96	12.58					4	12.590	.261	12.96	12.38	
	WYDEQ A/C Bal. %	4.12	1.89	1	4.78					4	2.948	1.793	4.78	1	
	CALC TDS mg/l	909.95	877.43	902.65	918.75					4	902.20	17.774	918.75	877.43	
	TDS A/C BAL	101.54	102.12	100.15	98.83					4	100.660	1.474	102.12	98.83	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AL35-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	18-APR-96	01-MAY-96	14-MAY-96	05-JUN-96	18-APR-96	30-APR-96	13-MAY-96	04-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	26	30	28	28					4	28.000	1.633	30	26	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	249	238	262	250					4	249.750	9.811	262	238	1
	K	8	6	6	6					4	6.500	1.000	8	6	1
	CO3	6	12							2	9.000	4.243	12	6	1
	HCO3	61	67.1							2	64.050	4.313	67.1	61	5
	SO4	590	545	590	600					4	581.25	24.622	600	545	10
	Cl	3	4	4	6	5.9	4.6	4.4	4.3	4	4.800	.744	5.9	4.3	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.5	4.3							2	4.400	.141	4.5	4.3	.1
	TDS @ 180C	928	916	928	924					4	924.00	5.657	928	916	10
	Cond (umho/cm)[2]	1320	1300	1340	1320	1342	1342	1344	1360	4	1347.00	8.718	1360	1342	1
	Alk-CaCO3[2]	60	75	60	72.5	76.6	68.3	71.6	57	4	68.375	8.316	76.6	57	1
	pH (units)[2]	8.83	8.82	8.94	8.76	9.4	8.9	9	8.8	4	8.838	.075	8.94	8.76	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.003	.001	.005	-.001					3	.003	.002	.005	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	.07	-.05							1	.070	.000	.07	.07	.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.028	.013	.004	.013					4	.015	.010	.028	.004	.001
	Ra226	340	290	340	290					4	315.000	28.868	340	290	.1
Q.A. DATA: by CORE	Anion meq:	13.58	12.97	13.6	14.12					4	13.568	.470	14.12	12.97	
	Cation meq:	12.83	12.5	13.45	12.92					4	12.925	.394	13.45	12.5	
	WYDEQ A/C Bal. %	2.82	1.83	.59	4.42					4	2.415	1.618	4.42	.59	
	CALC TDS mg/l	923.1	879.05	932.6	940.23					4	918.75	27.375	940.23	879.05	
	TDS A/C BAL	100.53	104.2	99.51	98.27					4	100.628	2.555	104.2	98.27	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: .ASTENSEN RANCH - MINE UNIT #6

WELL ID: 6AL40-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	18-APR-96	01-MAY-96	14-MAY-96	03-JUN-96	18-APR-96	30-APR-96	13-MAY-96	03-JUN-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	29	30	28	29					4	29.000	.816	30	28	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	246	239	253	249					4	246.750	5.909	253	239	1
	K	6	5	5	6					4	5.500	.577	6	5	1
	CO3	9	6							2	7.500	2.121	9	6	1
	HCO3	73.2	76.3							2	74.750	2.192	76.3	73.2	5
	SO4	595	545	577	603					4	580.00	25.742	603	545	10
	Cl	3	4	4	6	8.4	4.6	4.6	4.6	4	5.500	1.900	8.4	4.6	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	.07							1	.070	.000	.07	.07	.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.4	4.3							2	4.350	.071	4.4	4.3	.1
	TDS @ 180C	924	908	908	924					4	916.00	9.238	924	908	10
	Cond (umho/cm)[2]	1320	1320	1280	1250	1331	1331	1337	1359	4	1339.50	13.304	1359	1331	1
	Alk-CaCO3[2]	75	72.5	70	80	78.8	72.3	74.3	71.8	4	74.300	3.189	78.8	71.8	1
	pH (units)[2]	8.85	8.75	8.85	9.69	9.3	8.9	9	8.8	4	9.035	.439	9.69	8.75	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.001	.003	-.001					2	.002	.001	.003	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.02	-.01							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.012	.007	-.001	.012					3	.010	.003	.012	.007	.001
	Ra226	390	360	440	350					4	385.000	40.415	440	350	.1
Q.A. DATA: by CORE	Anion meq:	13.98	12.92	13.53	14.33					4	13.690	.609	14.33	12.92	
	Cation meq:	12.8	12.52	13.03	12.93					4	12.820	.221	13.03	12.52	
	WYDEQ A/C Bal. %	4.41	1.56	1.9	5.14					4	3.253	1.789	5.14	1.56	
	CALC TDS mg/l	935.15	877.53	915.7	947.8					4	919.05	30.664	947.8	877.53	
	TDS A/C BAL	98.81	103.47	99.16	97.49					4	99.733	2.593	103.47	97.49	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AM36-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	23-JUL-96	07-AUG-96	19-JUN-96	08-JUL-96	22-JUL-96	05-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	30	30	31	30					4	30.250	.500	31	30	1
	Mg	5.6	5	5	6					4	5.400	.490	6	5	1
	Na	244	243	250	235					4	243.000	6.164	250	235	1
	K	8.6	8	6	5					4	6.900	1.685	8.6	5	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	79.3	79							2	79.150	.212	79.3	79	5
	SO4	520	540	570	520					4	537.50	23.629	570	520	10
	Cl	4	3	4	4.5	4.6	4.4	5.1	5.5	4	4.900	.497	5.5	4.4	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.2	3.3							2	3.750	.636	4.2	3.3	.1
	TDS @ 180C	900	916	924	930					4	917.50	13.000	930	900	10
	Cond (umho/cm)[2]	1380	1310	1270	1360	1357	1360	1305	1346	5	1335.60	26.235	1360	1305	1
	Alk-CaCO3[2]	75	75	72.5	70	511	70.4	65.8	69.5	5	158.340	197.170	511	65.8	1
	pH (units)[2]	8.9	8.98	8.99	8.9	8.9	8.9	8.8	8.7	4	8.943	.049	8.99	8.9	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.004	.006	.003					3	.004	.002	.006	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	.06							1	.060	.000	.06	.06	.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.003	-.001	.004					2	.004	.001	.004	.003	.001
	Ra226	100	110	110	130					4	112.500	12.583	130	100	.1
Q.A. DATA: by CORE	Anion meq:	12.45	12.83	13.44	12.36					4	12.770	.491	13.44	12.36	
	Cation meq:	12.8	12.69	12.99	12.35					4	12.708	.269	12.99	12.35	
	WYDEQ A/C Bal. %	-1.39	.58	1.69	.06					3	.777	.833	1.69	.06	
	CALC TDS mg/l	862.15	874.75	910.23	843.2					4	872.58	28.250	910.23	843.2	
	TDS A/C BAL	104.39	104.72	101.51	110.29					4	105.228	3.670	110.29	101.51	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6A033-2

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	18-JUN-96	10-JUL-96	24-JUL-96	07-AUG-96	18-JUN-96	09-JUL-96	24-JUL-96	07-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	27	30	31	33					4	30.250	2.500	33	27	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	266	252	270	267					4	263.750	8.016	270	252	1
	K	13	11	11	8					4	10.750	2.062	13	8	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	67.1	67							2	67.050	.071	67.1	67	5
	SO4	590	590	674	590					4	611.00	42.000	674	590	10
	Cl	4	3	4	5	4.5	4.4	5.1	5.2	4	4.800	.408	5.2	4.4	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.1	3.1							2	3.600	.707	4.1	3.1	.1
	TDS @ 180C	1000	976	928	972					4	969.00	30.000	1000	928	10
	Cond (umho/cm)[2]	1440	1410	1400	1380	1404	1438	1427	1433	5	1422.40	14.741	1438	1404	1
	Alk-CaCO3[2]	60	60	60	67.5	68.3	63.8	69.6	69.7	5	66.280	4.254	69.7	60	1
	pH (units)[2]	9.12	9.28	9.02	9.31	9	9	9	9	4	9.183	.137	9.31	9.02	0-14
TRACE METALS mg/l	Al	.12	-.05							1	.120	.000	.12	.12	.05
	Arsenic	-.001	.002	.002	.003					3	.002	.001	.003	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	.0003	-.0002							1	.000		.0003	.0003	.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.008	.011	.008	.008					4	.009	.002	.011	.008	.001
	Ra226	97	84	140	90					4	102.750	25.395	140	84	.1
Q.A. DATA: by CORE	Anion meq:	13.63	13.66	15.41	13.77					4	14.118	.864	15.41	13.63	
	Cation meq:	13.75	13.24	14.07	13.96					4	13.755	.368	14.07	13.24	
	WYDEQ A/C Bal. %	-.42	1.57	4.54	-.7					2	3.055	2.100	4.54	1.57	
	CALC TDS mg/l	947.7	931.6	1034.6	949.68					4	965.90	46.513	1034.6	931.6	
	TDS A/C BAL	105.52	104.77	89.7	102.35					4	100.585	7.382	105.52	89.7	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6A042-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	23-JUL-96	07-AUG-96	19-JUN-96	08-JUL-96	22-JUL-96	05-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	17	24	27	30					4	24.500	5.568	30	17	1
	Mg	3	4	4	5					4	4.000	.816	5	3	1
	Na	248	247	248	255					4	249.500	3.697	255	247	1
	K	19 *	12	8	6					3	8.667	3.055	12	6	1
	CO3	12	6							2	9.000	4.243	12	6	1
	HCO3	58	64							2	61.000	4.243	64	58	5
	SO4	530	560	550	540					4	545.00	12.910	560	530	10
	Cl									4	4.825	.443	5.3	4.4	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	3.9	3.1							2	3.500	.566	3.9	3.1	.1
	TDS @ 180C	920	884	912	892					4	902.00	16.813	920	884	10
	Cond (umho/cm)[2]	1380	1320	1290	1320	1326	1373	1337	1346	5	1340.40	20.792	1373	1320	1
	Alk-CaCO3[2]	67.5	62.5	70	70	71.6	72.9	68.6	68.7	5	68.860	4.012	72.9	62.5	1
	pH (units)[2]	9.39	9.19	8.98	9.07	9.4	9.2	8.9	8.9	4	9.158	.177	9.39	8.98	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.005	.005	.003					3	.004	.001	.005	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	.05							1	.050	.000	.05	.05	.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	.002					1	.002	.000	.002	.002	.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.008	.003	.006					4	.005	.002	.008	.003	.001
	Ra226	18	19	15	11					4	15.750	3.594	19	11	.1
Q.A. DATA: by CORE	Anion meq:	12.5	13	12.97	12.79					4	12.815	.230	13	12.5	
	Cation meq:	12.37	12.58	12.67	13.16					4	12.695	.335	13.16	12.37	
	WYDEQ A/C Bal. %	.54	1.65	1.17	-1.41					3	1.120	.557	1.65	.54	
	CALC TDS mg/l	866.08	888.13	883.7	883.7					4	880.40	9.774	888.13	866.08	
	TDS A/C BAL	106.23	99.54	103.2	100.94					4	102.478	2.921	106.23	99.54	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AP37-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	09-JUL-96	23-JUL-96	07-AUG-96	20-AUG-96	08-JUL-96	22-JUL-96	05-AUG-96	19-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	31	32	31	32					4	31.500	.577	32	31	1
	Mg	5	5	6	6					4	5.500	.577	6	5	1
	Na	243	255	245	241					4	246.000	6.218	255	241	1
	K	6	5	4	5					4	5.000	.816	6	4	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	73.2	73							2	73.100	.141	73.2	73	5
	SO4	560	580	570	530					4	560.00	21.602	580	530	10
	Cl	2	4	4.5	4	4.3	5	5.3	5	4	4.900	.424	5.3	4.3	1
	NH4 (N)	.1	-.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.4	4							2	4.200	.283	4.4	4	.1
	TDS @ 180C	884	904	896	920					4	901.00	15.100	920	884	10
	Cond (umho/cm)[2]	1340	1260	1220	1290	1352	1343	1339	1348	4	1345.50	5.686	1352	1339	1
	Alk-CaCO3[2]	70	70	70	70	67.2	67.5	66.3	69.1	4	67.525	1.167	69.1	66.3	1
	pH (units)[2]	8.86	8.92	8.8	8.62	8.9	8.8	8.7	8.6	4	8.800	.130	8.92	8.62	0-14
TRACE METALS mg/l	Al	-.05	.12							1	.120	.000	.12	.12	.05
	Arsenic	.005	.003	.001	.002					4	.003	.002	.005	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	.06							1	.060	.000	.06	.06	.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	.06							1	.060	.000	.06	.06	.05
	Ni	-.05	-.05							0					.05
	Se	-.001	.003	.001	-.001					2	.002	.001	.003	.001	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.042	.035	.039	.034					4	.038	.004	.042	.034	.001
	Ra226	170	220	190	130					4	177.500	37.749	220	130	.1
Q.A. DATA: by CORE	Anion meq:	13.12	13.6	13.4	12.55					4	13.168	.456	13.6	12.55	
	Cation meq:	12.69	13.23	12.8	12.71					4	12.858	.253	13.23	12.69	
	WYDEQ A/C Bal. %	1.69	1.36	2.28	-.6					3	1.777	.466	2.28	1.36	
	CALC TDS mg/l	894.1	927.7	903.2	860.7					4	896.43	27.723	927.7	860.7	
	TDS A/C BAL	98.87	97.45	99.2	106.89					4	100.603	4.260	106.89	97.45	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AQ52-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	20-JUN-96	09-JUL-96	24-JUL-96	07-AUG-96	20-JUN-96	09-JUL-96	23-JUL-96	06-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	25	36	32	33					4	31.500	4.655	36	25	1
	Mg	3.2	4	4	4					4	3.800	.400	4	3.2	1
	Na	240	240	246	245					4	242.750	3.202	246	240	1
	K	8.6	7	5	5					4	6.400	1.744	8.6	5	1
	CO3	6	3	3						3	4.000	1.732	6	3	1
	HCO3	42.7	85.4	70.2						3	66.100	21.643	85.4	42.7	5
	SO4	520	550	570	570					4	552.50	23.629	570	520	10
	Cl	4	4	4	4.5	4.5	4.4	5.1	5.3	4	4.875	.465	5.3	4.3	1
	NH4 (N)	-.1	.1	-.1						1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05	-.05						0					.05
	NO3 (N)	-.05	-.05	-.05						0					.05
	F	.1	.1	.1						3	.100	.000	.1	.1	.1
	SIO2	4.1	4.2	1.5						3	3.267	1.531	4.2	1.5	.1
	TDS @ 180C	868	888	912	920					4	897.00	23.636	920	868	10
	Cond (umho/cm)[2]	1340	1330	1300	1310	1328	1349	1338	1328	4	1335.75	10.012	1349	1328	1
	Alk-CaCO3[2]	45	75	62.5	60	69.8	71	52.5	60.1	4	63.350	8.726	71	52.5	1
	pH (units)[2]	9.36	9.21	9.14	9.17	9.6	9.3	8.8	8.7	4	9.220	.098	9.36	9.14	0-14
TRACE METALS mg/l	Al	-.05	.12	-.05						1	.120	.000	.12	.12	.05
	Arsenic	.004	.003	.001	.002					4	.003	.001	.004	.001	.001
	Ba	-.05	-.05	-.05						0					.05
	B	-.1	-.1	-.1						0					.1
	Cd	-.05	-.05	-.05						0					.05
	Cr	-.05	-.05	-.05						0					.05
	Cu	-.05	-.05	-.05						0					.05
	Fe	-.05	-.05	-.05						0					.05
	Pb	-.005	-.005	-.005						0					.005
	Mn	-.05	-.05	-.05						0					.05
	Hg	-.0002	-.0002	-.0002						0					.0002
	Mo	-.05	.06	-.05						1	.060	.000	.06	.06	.05
	Ni	-.05	-.05	-.05						0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05	-.05						0					.05
	Zn	-.01	-.01	-.01						0					.01
RADIOMETRIC pCi/l	U (mg/l)	.015	.018	.011	.013					4	.014	.003	.018	.011	.001
	Ra226	22	30	26	13					4	22.750	7.274	30	13	.1
Q.A. DATA: by CORE	Anion meq:	11.85	13.07	13.24	13.2					4	12.840	.664	13.24	11.85	
	Cation meq:	12.17	12.75	12.76	12.76					4	12.610	.293	12.76	12.17	
	WYDEQ A/C Bal. %	-1.36	1.25	1.85	1.69					3	1.597	.311	1.85	1.25	
	CALC TDS mg/l	832.35	890.95	900.63	898.1					4	880.51	32.366	900.63	832.35	
	TDS A/C BAL	104.28	99.67	101.26	102.44					4	101.913	1.944	104.28	99.67	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AQ46-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	09-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	09-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	26	32	32	33					4	30.750	3.202	33	26	1
	Mg	4	3	4	5					4	4.000	.816	5	3	1
	Na	250	258	249	223					4	245.000	15.210	258	223	1
	K	8	6	6	5					4	6.250	1.258	8	5	1
	CO3	3	6							2	4.500	2.121	6	3	1
	HCO3	61	64.1							2	62.550	2.192	64.1	61	5
	SO4	560	590	580	530					4	565.00	26.458	590	530	10
	Cl	4	4	5	5	4.1	4.8	4.4	4.7	4	4.500	.316	4.8	4.1	1
	NH4 (N)	.1	-.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	.05	-.05							1	.050	.000	.05	.05	.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	3.9	1.3							2	2.600	1.838	3.9	1.3	.1
	TDS @ 180C	864	928	892	955					4	909.75	39.953	955	864	10
	Cond (umho/cm)[2]	1320	1330	1210	1330	1351	1341	1344	1354	4	1347.50	6.028	1354	1341	1
	Alk-CaCO3[2]	55	62.5	68	70	67.9	52.8	61.3	62.5	4	61.125	6.248	67.9	52.8	1
	pH (units)[2]	9.17	9.06	9.07	8.73	9.2	8.7	8.6	8.6	4	9.008	.192	9.17	8.73	0-14
TRACE METALS mg/l	Al	.09	-.05							1	.090	.000	.09	.09	.05
	Arsenic	.002	-.001	.002	.003					3	.002	.001	.003	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	.06	-.05							1	.060	.000	.06	.06	.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	.002	.002					2	.002	.000	.002	.002	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.051	.041	.048	.041					4	.045	.005	.051	.041	.001
	Ra226	58	49	30	43					4	45.000	11.747	58	30	.1
Q.A. DATA: by CORE	Anion meq:	12.88	13.65	13.58	12.58					4	13.173	.526	13.65	12.58	
	Cation meq:	12.71	13.22	12.91	11.89					4	12.683	.568	13.22	11.89	
	WYDEQ A/C Bal. %	.67	1.61	2.53	2.83					4	1.910	.976	2.83	.67	
	CALC TDS mg/l	889.45	932.43	917.48	843.7					4	895.77	39.015	932.43	843.7	
	TDS A/C BAL	97.14	99.53	97.22	113.19					4	101.770	7.694	113.19	97.14	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AQ56-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	09-JUL-96	24-JUL-96	07-AUG-96	20-AUG-96	09-JUL-96	23-JUL-96	06-AUG-96	19-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	61 *	59 *	48 *	47 *					0					1
	Mg	12 *	11 *	10	9					2	9.500	.707	10	9	1
	Na	236	254	236	242					4	242.000	8.485	254	236	1
	K	7	5	4	4					4	5.000	1.414	7	4	1
	CO3	1.5	-1							1	1.500	.000	1.5	1.5	1
	HCO3	101	97.6							2	99.300	2.404	101	97.6	5
	SO4	600	660	590	590					4	610.00	33.665	660	590	10
	Cl	2	4	5	5.5	5.1	5.8	5.8	5.6						
	NH4 (N)	.1	.1							2	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.4	1.8							2	3.100	1.838	4.4	1.8	.1
	TDS @ 180C	1000	1032	1010	880					4	980.50	68.320	1032	880	10
	Cond (umho/cm)[2]	1460	1440	1450	1360	1463	1458	1434	1426	4	1445.25	18.025	1463	1426	1
	Alk-CaCO3[2]	85	80	75	75	79.5	67.2	77.7	76.6	4	75.250	5.498	79.5	67.2	1
	pH (units)[2]	8.34	8.26	8.44	8.4	8.4	8.1	8.2	8.2	4	8.360	.078	8.44	8.26	0-14
TRACE METALS mg/l	Al	.13	-.05							1	.130	.000	.13	.13	.05
	Arsenic	.001	-.001	.003	-.001					2	.002	.001	.003	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	.002	-.001					1	.002	.000	.002	.002	.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.011	.008	.008	.006					4	.008	.002	.011	.006	.001
	Ra226	310	210	180	200					4	225.000	58.023	310	180	.1
Q.A. DATA: by CORE	Anion meq:	14.26	15.46	13.93	13.95					4	14.400	.723	15.46	13.93	
	Cation meq:	14.49	15.04	13.6	13.72					4	14.213	.678	15.04	13.6	
	WYDEQ A/C Bal. %	-.81	1.39	1.22	.8					3	1.137	.304	1.39	.8	
	CALC TDS mg/l	974.25	1043.6	938.75	943.25					4	974.96	48.403	1043.6	938.75	
	TDS A/C BAL	102.64	98.89	107.59	93.29					4	100.603	6.038	107.59	93.29	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AS47-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	10-JUL-96	24-JUL-96	07-AUG-96	20-AUG-96	09-JUL-96	22-JUL-96	05-AUG-96	19-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	34	31	33	34					4	33.000	1.414	34	31	1
	Mg	7	6	6	7					4	6.500	.577	7	6	1
	Na	231	251	246	238					4	241.500	8.813	251	231	1
	K	4	5	4	4					4	4.250	.500	5	4	1
	CO3	-1	1.2							1	1.200	.000	1.2	1.2	1
	HCO3	79.3	73.8							2	76.550	3.889	79.3	73.8	5
	SO4	550	585	550	530					4	553.75	22.867	585	530	10
	Cl	6	4	5	4	4.4	4.7	5.3	4.9	4	4.825	.377	5.3	4.4	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.2	1.3							2	2.750	2.051	4.2	1.3	.1
	TDS @ 180C	920	1660	904	910					4	1098.50	374.392	1660	904	10
	Cond (umho/cm)[2]	1320	1280	1270	1290	1324	1330	1346	1340	4	1335.00	9.866	1346	1324	1
	Alk-CaCO3[2]	65	62.5	60	62.5	62.4	63.9	60.8	62.4	4	62.375	1.266	63.9	60.8	1
	pH (units)[2]	8.3	8.52	8.69	8.29	8.3	8.5	8.3	8.2	4	8.450	.192	8.69	8.29	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	-.001	.003	-.001					2	.003	.001	.003	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	.06	-.05							1	.060	.000	.06	.06	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.01	-.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.004	.005	.005					4	.005	.001	.006	.004	.001
	Ra226	26	28	28	28					4	27.500	1.000	28	26	.1
Q.A. DATA: by CORE	Anion meq:	12.93	13.55	12.8	12.4					4	12.920	.477	13.55	12.4	
	Cation meq:	12.43	13.09	12.95	12.73					4	12.800	.288	13.09	12.43	
	WYDEQ A/C Bal. %	1.96	1.72	-.58	-1.31					2	1.840	.170	1.96	1.72	
	CALC TDS mg/l	875.85	921.43	880.6	855.13					4	883.25	27.750	921.43	855.13	
	TDS A/C BAL	105.04	180.16	102.66	106.42					4	123.570	37.759	180.16	102.66	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AT51-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	10-JUL-96	22-JUL-96	07-AUG-96	20-AUG-96	09-JUL-96	22-JUL-96	05-AUG-96	19-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	24	33	34	36					4	31.750	5.315	36	24	1
	Mg	3	3	4	5					4	3.750	.957	5	3	1
	Na	232	250	247	243					4	243.000	7.874	250	232	1
	K	11	10	7	6					4	8.500	2.380	11	6	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	67.1	73							2	70.050	4.172	73	67.1	5
	SO4	520	570	528	530					4	537.00	22.420	570	520	10
	Cl	5	4	4	5	4.3	4.7	5.3	5.2	4	5.575	.330	5.8	5.1	1
	NH4 (N)	.1	.1							2	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05	-.05						0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	3.87	4.2							2	4.035	.233	4.2	3.87	.1
	TDS @ 180C	880	916	868	915					4	894.75	24.459	916	868	10
	Cond (umho/cm)[2]	1300	1320	1220	1300	1333	1339	1341	1338	4	1337.75	3.403	1341	1333	1
	Alk-CaCO3[2]	65	70	65	70	69.9	68.8	64.9	68.7	4	68.075	2.185	69.9	64.9	1
	pH (units)[2]	9.29	8.95	8.75	8.88	9.2	9	8.7	8.7	4	8.968	.230	9.29	8.75	0-14
TRACE METALS mg/l	Al	-.05	.09							1	.090	.000	.09	.09	.05
	Arsenic	.001	.003	.001	-.001					3	.002	.001	.003	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	.05	-.05							1	.050	.000	.05	.05	.05
	Ni	.1	-.05							1	.100	.000	.1	.1	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	.06	-.05							1	.060	.000	.06	.06	.05
	Zn	.02	-.01							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.028	.018	.021	.021					4	.022	.004	.028	.018	.001
	Ra226	90	150	140	150					4	132.500	28.723	150	90	.1
Q.A. DATA: by CORE	Anion meq:	12.27	13.39	12.41	12.58					4	12.663	.501	13.39	12.27	
	Cation meq:	11.82	13.03	12.95	12.94					4	12.685	.578	13.03	11.82	
	WYDEQ A/C Bal. %	1.89	1.37	-2.13	-1.38					2	1.630	.368	1.89	1.37	
	CALC TDS mg/l	838.52	916.9	863.65	867.7					4	871.69	32.786	916.9	838.52	
	TDS A/C BAL	104.95	99.9	100.5	105.45					4	102.700	2.904	105.45	99.9	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6AT58-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	10-JUL-96	22-JUL-96	07-AUG-96	20-AUG-96	09-JUL-96	22-JUL-96	06-AUG-96	20-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	31	36	36	36					4	34.750	2.500	36	31	1
	Mg	5	4	5	6					4	5.000	.816	6	4	1
	Na	237	249	246	245					4	244.250	5.123	249	237	1
	K	6	5	4	4					4	4.750	.957	6	4	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	67.1	76							2	71.550	6.293	76	67.1	5
	SO4	550	570	545	561					4	556.50	11.210	570	545	10
	Cl	4	4	4.5	4	4.4	4.5	5.2	5	4	4.775	.386	5.2	4.4	1
	NH4 (N)	.1	-.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.12	4.2							2	4.160	.057	4.2	4.12	.1
	TDS @ 180C	916	904	840	940					4	900.00	42.708	940	840	10
	Cond (umho/cm)[2]	1330	1330	1230	1320	1362	1352	1366	1354	4	1358.50	6.608	1366	1352	1
	Alk-CaCO3[2]	65	72.5	75	75	73.2	72.9	70.1	71.2	4	71.850	1.462	73.2	70.1	1
	pH (units)[2]	9.03	9	9.06	8.73	9.1	9	8.8	8.7	4	8.955	.152	9.06	8.73	0-14
TRACE METALS mg/l	Al	-.05	.16							1	.160	.000	.16	.16	.05
	Arsenic	.002	.004	.002	-.001					3	.003	.001	.004	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.009	.006	.006	.01					4	.008	.002	.01	.006	.001
	Ra226	30	46	30	16					4	30.500	12.261	46	16	.1
Q.A. DATA: by CORE	Anion meq:	12.87	13.44	12.98	13.3					4	13.148	.267	13.44	12.87	
	Cation meq:	12.42	13.09	13.01	13.05					4	12.893	.317	13.09	12.42	
	WYDEQ A/C Bal. %	1.76	1.32	-.13	.93					3	1.337	.415	1.76	.93	
	CALC TDS mg/l	876.77	916.43	886.25	901.75					4	895.30	17.448	916.43	876.77	
	TDS A/C BAL	104.47	98.64	94.78	104.24					4	100.533	4.688	104.47	94.78	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	18-APR-96 COR	02-MAY-96 COR	16-MAY-96 COR	05-JUN-96 COR	17-APR-96 CR	01-MAY-96 CR	15-MAY-96 CR	04-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	20	19	23	20					4	20.500	1.732	23	19	1
	Mg	5	5	2	5					4	4.250	1.500	5	2	1
	Na	242	232	236	228					4	234.500	5.972	242	228	1
	K	8	8	8	7					4	7.750	.500	8	7	1
	CO3	6	3	2						3	3.667	2.082	6	2	1
	HCO3	73.2	79.3	92						3	81.500	9.591	92	73.2	5
	SO4	535	510	467	487					4	499.75	29.341	535	467	10
	Cl	3	4	5	7	4.9	4.8	4.8	4.8	4	4.825	.050	4.9	4.8	1
	NH4 (N)	-.1	.1	-.1						1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05	-.05						0					.05
	NO3 (N)	-.05	-.05	-.05						0					.05
	F	.2	.1	.2						3	.167	.058	.2	.1	.1
	SIO2	3.8	3.8	3.9						3	3.833	.058	3.9	3.8	.1
	TDS @ 180C	812	776	804	792					4	796.00	15.663	812	776	10
	Cond (umho/cm)[2]	1190	1220	1200	1180	1198	1180	1218	1246	4	1210.50	28.302	1246	1180	1
	Alk-CaCO3[2]	70	70	77.5	70	62	63.6	66.9	63.9	4	64.100	2.045	66.9	62	1
	pH (units)[2]	8.8	8.46	8.42	8.43	8.8	8.5	8.5	8.5	4	8.528	.182	8.8	8.42	0-14
TRACE METALS mg/l	Al	-.05	-.05	-.05						0					.05
	Arsenic	.003	-.001	.004	.004					3	.004	.001	.004	.003	.001
	Ba	-.05	-.05	-.05						0					.05
	B	-.1	-.1	-.1						0					.1
	Cd	-.05	-.05	-.05						0					.05
	Cr	-.05	-.05	-.05						0					.05
	Cu	-.05	-.05	-.05						0					.05
	Fe	-.05	-.05	-.05						0					.05
	Pb	-.005	-.005	-.005						0					.005
	Mn	-.05	-.05	-.05						0					.05
	Hg	-.0002	-.0002	-.0002						0					.0002
	Mo	-.05	-.05	-.05						0					.05
	Ni	-.05	-.05	-.05						0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05	-.05						0					.05
	Zn	.01	.03	-.01						2	.020	.014	.03	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.012	.013	.003	.011					4	.010	.005	.013	.003	.001
	Ra226	170	190	210	210					4	195.000	19.149	210	170	.1
Q.A. DATA: by CORE	Anion meq:	12.63	12.14	11.42	11.74					4	11.983	.523	12.63	11.42	
	Cation meq:	12.14	11.66	11.78	11.51					4	11.773	.269	12.14	11.51	
	WYDEQ A/C Bal. %	1.96	2.01	-1.56	1.01					3	1.660	.563	2.01	1.01	
	CALC TDS mg/l	859.5	857.5	792.18	796.7					4	826.47	37.040	859.5	792.18	
	TDS A/C BAL	94.47	90.5	101.49	99.41					4	96.468	4.949	101.49	90.5	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-2

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	04-MAR-96 COR	19-MAR-96 COR	03-APR-96 COR	16-APR-96 COR	04-MAR-96 CR	18-MAR-96 CR	02-APR-96 CR	15-APR-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	23	24	24	24					4	23.750	.500	24	23	1
	Mg	2	3	3	4					4	3.000	.816	4	2	1
	Na	230	226	227	228					4	227.750	1.708	230	226	1
	K	8	7	7	5					4	6.750	1.258	8	5	1
	CO3	6	6							2	6.000	.000	6	6	1
	HCO3	82.4	85.4							2	83.900	2.121	85.4	82.4	5
	SO4	460	470	480	490					4	475.00	12.910	490	460	10
	Cl	4.5	4.5	4	4	5.4	5.2	5.2	5.3	4	5.275	.096	5.4	5.2	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	5.2	5.2							2	5.200	.000	5.2	5.2	.1
	TDS @ 180C	804	764	784	772					4	781.00	17.397	804	764	10
	Cond (umho/cm)[2]	1170	1170	1170	1140	1197	1223	1209	1208	4	1209.25	10.658	1223	1197	1
	Alk-CaCO3[2]	78	80	80	75	70.7	67.4	70.1	71.2	4	69.850	1.694	71.2	67.4	1
	pH (units)[2]	8.8	8.97	8.67	8.73	9	9	8.9	8.8	4	8.793	.130	8.97	8.67	0-14
TRACE METALS mg/l	Al	-.05	.06							1	.060	.000	.06	.06	.05
	Arsenic	-.001	.005	.006	.001					3	.004	.003	.006	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.1							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	.003					1	.003	.000	.003	.003	.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.011	.016	.014	.016					4	.014	.002	.016	.011	.001
	Ra226	170	200	200	170					4	185.000	17.321	200	170	.1
Q.A. DATA: by CORE	Anion meq:	11.27	11.52	11.71	11.82					4	11.580	.241	11.82	11.27	
	Cation meq:	11.52	11.46	11.5	11.57					4	11.513	.046	11.57	11.46	
	WYDEQ A/C Bal. %	-1.1	.27	.92	1.05					3	.747	.418	1.05	.27	
	CALC TDS mg/l	780.28	788.5	793.8	800.75					4	790.83	8.640	800.75	780.28	
	TDS A/C BAL	103.04	96.89	98.77	96.41					4	98.778	3.019	103.04	96.41	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-3A

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	18-APR-96 COR	01-MAY-96 COR	14-MAY-96 COR	03-JUN-96 COR	17-APR-96 CR	30-APR-96 CR	13-MAY-96 CR	03-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	23	24	23	24					4	23.500	.577	24	23	1
	Mg	4	4	4	4					4	4.000	.000	4	4	1
	Na	247	228	240	226					4	235.250	9.979	247	226	1
	K	12	10	8	7					4	9.250	2.217	12	7	1
	CO3	6	3							2	4.500	2.121	6	3	1
	HCO3	79.3	82.4							2	80.850	2.192	82.4	79.3	5
	SO4	542	495	529	537					4	525.75	21.188	542	495	10
	Cl	3	5	4	6.5	4.8	4.8	4.8	4.8	4	4.800	.000	4.8	4.8	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.3	4.2							2	4.250	.071	4.3	4.2	.1
	TDS @ 180C	828	820	836	820					4	826.00	7.659	836	820	10
	Cond (umho/cm)[2]	1200	1220	1180	1180	1238	1237	1229	1234	4	1234.50	4.041	1238	1229	1
	Alk-CaCO3[2]	75	72.5	72.5	80	72.2	73	73.8	72.7	4	72.925	.670	73.8	72.2	1
	pH (units)[2]	8.9	8.5	8.51	8.87	9	8.7	8.7	8.4	4	8.695	.220	8.9	8.5	0-14
TRACE METALS mg/l	Al	.06	-.05							1	.060	.000	.06	.06	.05
	Arsenic	.004	.002	.005	.001					4	.003	.002	.005	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.043	.026	.017	.041					4	.032	.012	.043	.017	.001
	Ra226	190	190	230	180					4	197.500	22.174	230	180	.1
Q.A. DATA: by CORE	Anion meq:	12.88	11.9	12.58	12.97					4	12.583	.485	12.97	11.9	
	Cation meq:	12.53	11.7	12.12	11.54					4	11.973	.445	12.53	11.54	
	WYDEQ A/C Bal. %	1.36	.85	1.86	5.84					4	2.478	2.279	5.84	.85	
	CALC TDS mg/l	881.05	814.43	852.23	853.3					4	850.25	27.355	881.05	814.43	
	TDS A/C BAL	93.98	100.68	98.1	96.1					4	97.215	2.858	100.68	93.98	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-5

INTERIOR ORE ZONE BASELINE WELL

	Sample Date	04-MAR-96	19-MAR-96	03-APR-96	16-APR-96	04-MAR-96	18-MAR-96	02-APR-96	15-APR-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	29	30	29	30					4	29.500	.577	30	29	1
	Mg	4	5	5	5					4	4.750	.500	5	4	1
	Na	245	261	236	248					4	247.500	10.344	261	236	1
	K	6	5	5	4					4	5.000	.816	6	4	1
	CO3	3	3							2	3.000	.000	3	3	1
	HCO3	85.4	88.5							2	86.950	2.192	88.5	85.4	5
	SO4	535	556	520	560					4	542.75	18.715	560	520	10
	Cl	4	4	4	4	4.8	4.7	4.5	4.8	4	4.700	.141	4.8	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	.08							1	.080	.000	.08	.08	.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4.8	4.9							2	4.850	.071	4.9	4.8	.1
	TDS @ 180C	860	820	872	856					4	852.00	22.390	872	820	10
	Cond (umho/cm)[2]	1250	1250	1260	1240	1258	1285	1237	1265	4	1261.25	19.805	1285	1237	1
	Alk-CaCO3[2]	75	77.5	75	75	69.2	69.4	68.5	69.6	4	69.175	.479	69.6	68.5	1
	pH (units)[2]	8.54	8.7	8.47	8.53	8.7	8.7	8.6	8.6	4	8.560	.098	8.7	8.47	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	-.001	.005	-.001					1	.005	.000	.005	.005	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.1							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.024	.005	.005	.007					4	.010	.009	.024	.005	.001
	Ra226	220	230	230	230					4	227.500	5.000	230	220	.1
Q.A. DATA: by CORE	Anion meq:	12.76	13.25	12.45	13.28					4	12.935	.402	13.28	12.45	
	Cation meq:	12.59	13.39	12.26	12.8					4	12.760	.475	13.39	12.26	
	WYDEQ A/C Bal. %	.67	-.55	.77	1.83					3	1.090	.643	1.83	.67	
	CALC TDS mg/l	873.55	913.18	844.75	896.75					4	882.06	29.714	913.18	844.75	
	TDS A/C BAL	98.45	89.8	103.23	95.46					4	96.735	5.623	103.23	89.8	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-7

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	02-MAY-96 COR	14-MAY-96 COR	03-JUN-96 COR	18-JUN-96 COR	01-MAY-96 CR	13-MAY-96 CR	03-JUN-96 CR	17-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	13	12	12	19					4	14.000	3.367	19	12	1
	Mg	2	1	2	2					4	1.750	.500	2	1	1
	Na	249	244	241	243					4	244.250	3.403	249	241	1
	K	18 *	15	13	10					3	12.667	2.517	15	10	1
	CO3	18	6							2	12.000	8.485	18	6	1
	HCO3	33.6	49							2	41.300	10.889	49	33.6	5
	SO4	545	527	547	490					4	527.25	26.412	547	490	10
	Cl	4	4	7	7	4.5	4.5	4.5	4.8	4	4.575	.150	4.8	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.1	.1							2	.100	.000	.1	.1	.1
	SIO2	4.2	4.3							2	4.250	.071	4.3	4.2	.1
	TDS @ 180C	836	844	856	856					4	848.00	9.798	856	836	10
	Cond (umho/cm)[2]	1270	1240	1270	1270	1260	1282	1299	1308	4	1287.25	21.125	1308	1260	1
	Alk-CaCO3[2]	57.5	50	62.5	65	63.3	60.2	55.3	57.8	4	59.150	3.414	63.3	55.3	1
	pH (units)[2]	9.76	9.3	8.55	9.06	9.6	9.6	9.3	9	4	9.168	.504	9.76	8.55	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.002	.004	.003	.003					4	.003	.001	.004	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.01	-.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.022	.014	.021	.02					4	.019	.004	.022	.014	.001
	Ra226	52	75	62	63					4	63.000	9.416	75	52	.1
Q.A. DATA: by CORE	Anion meq:	12.62	12.09	12.84	11.71					4	12.315	.512	12.84	11.71	
	Cation meq:	12.1	11.68	11.58	11.94					4	11.825	.238	12.1	11.58	
	WYDEQ A/C Bal. %	2.07	1.75	5.18	-.98					3	3.000	1.895	5.18	1.75	
	CALC TDS mg/l	870.28	837.8	860.13	810.65					4	844.72	26.454	870.28	810.65	
	TDS A/C BAL	96.06	100.74	99.52	105.59					4	100.478	3.943	105.59	96.06	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPHW-15

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	02-MAY-96 COR	16-MAY-96 COR	05-JUN-96 COR	18-JUN-96 COR	01-MAY-96 CR	15-MAY-96 CR	04-JUN-96 CR	17-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	32	33	35	34					4	33.500	1.291	35	32	1
	Mg	7	7	7	7					4	7.000	.000	7	7	1
	Na	253	258	257	250					4	254.500	3.697	258	250	1
	K	5	5	5	4					4	4.750	.500	5	4	1
	CO3	3	-1							1	3.000	.000	3	3	1
	HCO3	79.3	85							2	82.150	4.031	85	79.3	5
	SO4	590	600	600	540					4	582.50	28.723	600	540	10
	Cl	4	6	6	6	4.8	4.8	4.6	4.9	4	4.775	.126	4.9	4.6	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	.05	-.05							1	.050	.000	.05	.05	.05
	F	.1	.2							2	.150	.071	.2	.1	.1
	SIO2	4.2	4.3							2	4.250	.071	4.3	4.2	.1
	TDS @ 180C	924	932	920	928					4	926.00	5.164	932	920	10
	Cond (umho/cm)[2]	1380	1370	1350	1360	1314	1376	1403	1356	4	1362.25	37.491	1403	1314	1
	Alk-CaCO3[2]	70	70	70	72.5	65.3	67	64.6	67.6	4	66.125	1.408	67.6	64.6	1
	pH (units)[2]	8.48	8.28	8.29	8.07	8.1	8.3	8.3	8.1	4	8.280	.168	8.48	8.07	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	-.001	.004	-.001	-.001					1	.004	.000	.004	.004	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	-.001	.006	.006					3	.006	.000	.006	.006	.001
	Ra226	21	29	32	28					4	27.500	4.655	32	21	.1
Q.A. DATA: by CORE	Anion meq:	13.8	14.07	14.07	12.87					4	13.703	.569	14.07	12.87	
	Cation meq:	13.31	13.58	13.64	13.26					4	13.448	.190	13.64	13.26	
	WYDEQ A/C Bal. %	1.82	1.77	1.56	-1.48					3	1.717	.138	1.82	1.56	
	CALC TDS mg/l	937.9	956	952.7	885.23					4	932.96	32.777	956	885.23	
	TDS A/C BAL	98.52	97.49	96.57	104.83					4	99.353	3.738	104.83	96.57	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPOW-2

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	18-APR-96 COR	01-MAY-96 COR	14-MAY-96 COR	03-JUN-96 COR	17-APR-96 CR	30-APR-96 CR	13-MAY-96 CR	03-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	31	28	28	28					4	28.750	1.500	31	28	1
	Mg	7	7	6	6					4	6.500	.577	7	6	1
	Na	249	241	256	241					4	246.750	7.228	256	241	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	3	-1							1	3.000	.000	3	3	1
	HCO3	79.3	82.4							2	80.850	2.192	82.4	79.3	5
	SO4	579	530	565	547					4	555.25	21.329	579	530	10
	Cl	3	4	3	6	4.9	4.6	4.5	4.6	4	4.650	.173	4.9	4.5	1
	NH4 (N)	-.1	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.5	4.4							2	4.450	.071	4.5	4.4	.1
	TDS @ 180C	888	872	880	888					4	882.00	7.659	888	872	10
	Cond (umho/cm)[2]	1250	1270	1250	1290	1221	1289	1292	1334	4	1284.00	46.755	1334	1221	1
	Alk-CaCO3[2]	70	67.5	70	72.5	65.8	69.3	69.1	63.8	4	67.000	2.670	69.3	63.8	1
	pH (units)[2]	8.42	8.14	8.28	9.25	8.7	8.5	8.4	8	4	8.523	.498	9.25	8.14	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.003	-.001	.003	.002					3	.003	.001	.003	.002	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.02	.01							2	.015	.007	.02	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.008	.008	-.001	.007					3	.008	.001	.008	.007	.001
	Ra226	140	110	130	120					4	125.000	12.910	140	110	.1
Q.A. DATA: by CORE	Anion meq:	13.55	12.5	13.26	13.01					4	13.080	.445	13.55	12.5	
	Cation meq:	13.06	12.56	13.13	12.48					4	12.808	.335	13.13	12.48	
	WYDEQ A/C Bal. %	1.82	-.24	.46	2.09					3	1.457	.874	2.09	.46	
	CALC TDS mg/l	920.2	859.58	904.7	876.23					4	890.18	27.343	920.2	859.58	
	TDS A/C BAL	96.5	101.45	97.27	101.34					4	99.140	2.623	101.45	96.5	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPOW-3

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	18-APR-96 COR	01-MAY-96 COR	16-MAY-96 COR	05-JUN-96 COR	17-APR-96 CR	30-APR-96 CR	15-MAY-96 CR	04-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	26	24	24	25					4	24.750	.957	26	24	1
	Mg	5	6	5	5					4	5.250	.500	6	5	1
	Na	242	226	240	230					4	234.500	7.724	242	.226	1
	K	4	5	4	4					4	4.250	.500	5	4	1
	CO3	3	-1							1	3.000	.000	3	3	1
	HCO3	67.1	85.4							2	76.250	12.940	85.4	67.1	5
	SO4	540	500	490	543					4	518.25	27.183	543	490	10
	Cl	3	5	5	6.5	4.5	4.8	4.7	4.7	4	4.675	.126	4.8	4.5	1
	NH4 (N)	-.1	-.1							0					.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	-.05	-.05							0					.05
	F	.2	.2							2	.200	.000	.2	.2	.1
	SIO2	4	4							2	4.000	.000	4	4	.1
	TDS @ 180C	844	832	832	800					4	827.00	18.868	844	800	10
	Cond (umho/cm)[2]	1230	1210	1190	1220	1292	1226	1248	1283	4	1262.25	30.729	1292	1226	1
	Alk-CaCO3[2]	60	70	70	72.5	63.8	67.5	68	57.5	4	64.200	4.844	68	57.5	1
	pH (units)[2]	8.64	8.28	8.38	8.42	8.5	8.4	8.5	8.4	4	8.430	.152	8.64	8.28	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.001	.002	.002	-.001					3	.002	.001	.002	.001	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	.02	-.01							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.01	.005	-.001	.01					3	.008	.003	.01	.005	.001
	Ra226	90	110	120	120					4	110.000	14.142	120	90	.1
Q.A. DATA: by CORE	Anion meq:	12.53	11.96	11.75	12.95					4	12.298	.546	12.95	11.75	
	Cation meq:	12.34	11.65	12.15	11.77					4	11.978	.322	12.34	11.65	
	WYDEQ A/C Bal. %	.78	1.28	-1.69	4.76					3	2.273	2.168	4.76	.78	
	CALC TDS mg/l	860.6	812.7	810.7	857.73					4	835.43	27.441	860.6	810.7	
	TDS A/C BAL	98.07	102.37	102.63	93.27					4	99.085	4.405	102.63	93.27	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: NPPW-1

INTERIOR ORE ZONE BASELINE WELL

	Sample Date / Laboratory	16-APR-96 COR	01-MAY-96 COR	16-MAY-96 COR	05-JUN-96 COR	15-APR-96 CR	30-APR-96 CR	15-MAY-96 CR	03-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	20	22	19	24					4	21.250	2.217	24	19	1
	Mg	1	2	5	3					4	2.750	1.708	5	1	1
	Na	231	228	233	226					4	229.500	3.109	233	226	1
	K	10	9	7	6					4	8.000	1.826	10	6	1
	CO3	6	3							2	4.500	2.121	6	3	1
	HCO3	85.4	76.3							2	80.850	6.435	85.4	76.3	5
	SO4	480	495	483	487					4	486.25	6.500	495	480	10
	Cl	4.5	4	7	7	5.2	5.1	5.1	5.3	4	5.175	.096	5.3	5.1	1
	NH4 (N)	.1	-.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05	-.05							0					.05
	NO3 (N)	.09	-.05							1	.090	.000	.09	.09	.05
	F	.2	.1							2	.150	.071	.2	.1	.1
	SIO2	4.2	4.1							2	4.150	.071	4.2	4.1	.1
	TDS @ 180C	824	812	800	808					4	811.00	10.000	824	800	10
	Cond (umho/cm)[2]	1170	1190	1200	1170	1150	1210	1211	1247	4	1204.50	40.204	1247	1150	1
	Alk-CaCO3[2]	80	67.5	67.5	75	67.9	71.3	73.8	65.8	4	69.700	3.551	73.8	65.8	1
	pH (units)[2]	8.85	8.59	8.47	8.43	9	8.7	8.6	8.4	4	8.585	.189	8.85	8.43	0-14
TRACE METALS mg/l	Al	-.05	-.05							0					.05
	Arsenic	.004	-.001	.003	.004					3	.004	.001	.004	.003	.001
	Ba	-.05	-.05							0					.05
	B	-.1	-.1							0					.1
	Cd	-.05	-.05							0					.05
	Cr	-.05	-.05							0					.05
	Cu	-.05	-.05							0					.05
	Fe	-.05	-.05							0					.05
	Pb	-.005	-.005							0					.005
	Mn	-.05	-.05							0					.05
	Hg	-.0002	-.0002							0					.0002
	Mo	-.05	-.05							0					.05
	Ni	-.05	-.05							0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05	-.05							0					.05
	Zn	-.01	.02							1	.020	.000	.02	.02	.01
RADIOMETRIC pCi/l	U (mg/l)	.007	.002	-.001	.008					3	.006	.003	.008	.002	.001
	Ra226	33	66	81	89					4	67.250	24.744	89	33	.1
Q.A. DATA: by CORE	Anion meq:	11.73	11.78	11.61	11.84					4	11.740	.098	11.84	11.61	
	Cation meq:	11.38	11.41	11.68	11.43					4	11.475	.138	11.68	11.38	
	WYDEQ A/C Bal. %	1.49	1.57	-.29	1.77					3	1.610	.144	1.77	1.49	
	CALC TDS mg/l	799.5	805.28	795.18	798.75					4	799.68	4.184	805.28	795.18	
	TDS A/C BAL	103.06	100.84	100.61	101.16					4	101.418	1.118	103.06	100.61	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW17

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	09-JUL-96 CR	22-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	33	33	33	34					4	33.250	.500	34	33	1
	Mg	7	6	6	6					4	6.250	.500	7	6	1
	Na	231	240	240	239					4	237.500	4.359	240	231	1
	K	4	4	3	3					4	3.500	.577	4	3	1
	CO3	-1								0					1
	HCO3	85.4								1	85.400	.000	85.4	85.4	5
	SO4	540	550	560	540					4	547.50	9.574	560	540	10
	Cl [2]	5	4	5	4	4.5	5.1	5.1	5.4	4	5.025	.377	5.4	4.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.2								1	4.200	.000	4.2	4.2	.1
	TDS @ 180C	916	888	856	900					4	890.00	25.403	916	856	10
	Cond (umho/cm)[2]	1290	1240	1190	1290	1310	1323	1303	1325	4	1315.25	10.532	1325	1303	1
	Alk-CaCO3 [2]	70	67.5	70	70	55.1	67	67.4	70.4	4	64.975	6.756	70.4	55.1	1
	pH (units)[2]	8.16	8.22	8.42	8.29	8.2	8.1	8.2	8.1	4	8.273	.112	8.42	8.16	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	.006	.002	-.001					3	.004	.002	.006	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.06								1	.060	.000	.06	.06	.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.014	.012	.007	.008					4	.010	.003	.014	.007	.001
	Ra226	15	18	14	22					4	17.250	3.594	22	14	.1
Q.A. DATA: by CORE	Anion meq:	12.79	12.92	13.21	12.76					4	12.920	.205	13.21	12.76	
	Cation meq:	12.38	12.69	12.66	12.67					4	12.600	.147	12.69	12.38	
	WYDEQ A/C Bal. %	1.63	.91	2.11	.37					4	1.255	.769	2.11	.37	
	CALC TDS mg/l	866.9	878.18	889.7	868.7					4	875.87	10.464	889.7	866.9	
	TDS A/C BAL	105.66	101.12	96.21	103.6					4	101.648	4.073	105.66	96.21	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW19

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	22-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	09-JUL-96 CR	22-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	40	39	42	42					4	40.750	1.500	42	39	1
	Mg	8	7	8	8					4	7.750	.500	8	7	1
	Na	254	258	272	264					4	262.000	7.832	272	254	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	-1								0					1
	HCO3	82.4								1	82.400	.000	82.4	82.4	5
	SO4	610	580	640	598					4	607.00	25.219	640	580	10
	Cl [2]	6	4.5	5	6	5.8	5.4	6.7	6.6	4	6.125	.629	6.7	5.4	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	3.8								1	3.800	.000	3.8	3.8	.1
	TDS @ 180C	1020	944	1040	1010					4	1003.50	41.581	1040	944	10
	Cond (umho/cm)[2]	1430	1420	1420	1430	1472	1439	1498	1486	4	1473.75	25.487	1498	1439	1
	Alk-CaCO3 [2]	67.5	67.5	73	70	60.4	66.6	65	68.8	4	65.200	3.559	68.8	60.4	1
	pH (units)[2]	8.36	8.47	8.5	8.3	8.3	8.5	8.3	8.1	4	8.408	.094	8.5	8.3	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	.004	.003	.002					4	.003	.001	.004	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.0								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.07								1	.070	.000	.07	.07	.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.013	.012	.015	.013					4	.013	.001	.015	.012	.001
	Ra226	35	39	31	16					4	30.250	10.046	39	16	.1
Q.A. DATA: by CORE	Anion meq:	14.23	13.56	14.93	14.03					4	14.188	.569	14.93	13.56	
	Cation meq:	13.81	13.85	14.7	14.35					4	14.178	.426	14.7	13.81	
	WYDEQ A/C Bal. %	1.48	-1.07	.81	-1.13					2	1.145	.474	1.48	.81	
	CALC TDS mg/l	966.98	933.68	1015.53	964.7					4	970.22	33.809	1015.53	933.68	
	TDS A/C BAL	105.48	101.11	102.41	104.7					4	103.425	2.020	105.48	101.11	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW21

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	22-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	09-JUL-96 CR	22-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	24	26	26	27					4	25.750	1.258	27	24	1
	Mg	5	5	5	5					4	5.000	.000	5	5	1
	Na	209	224	226	226					4	221.250	8.221	226	209	1
	K	3	5	3	3					4	3.500	1.000	5	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	82.4								1	82.400	.000	82.4	82.4	5
	SO4	440	490	500	500					4	482.50	28.723	500	440	10
	Cl [2]	5	4	5	4.5	4.8	6	5.4	5.7	4	5.475	.512	6	4.8	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4								1	4.000	.000	4	4	.1
	TDS @ 180C	792	792	840	825					4	812.25	24.171	840	792	10
	Cond (umho/cm)[2]	1160	1190	1110	1190	1181	1219	1214	1235	4	1212.25	22.677	1235	1181	1
	Alk-CaCO3 [2]	72.5	75	70	75	68.4	63.9	72.4	76.2	4	70.225	5.284	76.2	63.9	1
	pH (units)[2]	8.53	8.4	8.42	8.32	8.4	8.4	8.3	8.1	4	8.418	.087	8.53	8.32	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.001	.004	-.001	-.001					2	.003	.002	.004	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.06								1	.060	.000	.06	.06	.05
	Se	-.001	-.001	-.001	.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	.01								1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.007	.003	.004					4	.004	.002	.007	.003	.001
	Ra226	28	8.3	3.4	-2.2					3	13.233	13.021	28	3.4	.1
Q.A. DATA: by CORE	Anion meq:	10.76	11.82	11.96	12.04					4	11.645	.597	12.04	10.76	
	Cation meq:	10.78	11.58	11.62	11.67					4	11.413	.423	11.67	10.78	
	WYDEQ A/C Bal. %	-.11	1.01	1.43	1.58					3	1.340	.295	1.58	1.01	
	CALC TDS mg/l	734.23	799.75	807.7	811.25					4	788.23	36.321	811.25	734.23	
	TDS A/C BAL	107.87	99.03	104	101.69					4	103.148	3.746	107.87	99.03	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW23

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	09-JUL-96 CR	22-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	28	27	27	28					4	27.500	.577	28	27	1
	Mg	6	5	6	6					4	5.750	.500	6	5	1
	Na	218	228	231	229					4	226.500	5.802	231	218	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	85.4								1	85.400	.000	85.4	85.4	5
	SO4	490	510	520	510					4	507.50	12.583	520	490	10
	Cl[2]	4	4	4	4.5	4.6	5.1	5.2	5.5	4	5.100	.374	5.5	4.6	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	3.6								1	3.600	.000	3.6	3.6	.1
	TDS @ 180C	800	832	840	845					4	829.25	20.222	845	800	10
	Cond (umho/cm)[2]	1210	1180	1190	1200	1239	1249	1251	1266	4	1251.25	11.147	1266	1239	1
	Alk-CaCO3[2]	75	75	75	75	73.1	72.6	72.5	72.9	4	72.775	.275	73.1	72.5	1
	pH (units)[2]	8.48	8.39	8.57	8.43	8.5	8.4	8.5	8.2	4	8.468	.078	8.57	8.39	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.002	.004	.001	-.001					3	.002	.002	.004	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.003	.007	.006					4	.006	.002	.007	.003	.001
	Ra226	.8	.9	-1.7	7.1					3	2.933	3.609	7.1	.8	.1
Q.A. DATA: by CORE	Anion meq:	11.82	12.24	12.45	12.25					4	12.190	.265	12.45	11.82	
	Cation meq:	11.48	11.78	12	11.96					4	11.805	.237	12	11.48	
	WYDEQ A/C Bal. %	1.46	1.9	1.84	1.21					4	1.603	.326	1.9	1.21	
	CALC TDS mg/l	799.35	823.75	837.75	827.25					4	822.03	16.245	837.75	799.35	
	TDS A/C BAL	100.08	101	100.27	102.15					4	100.875	.938	102.15	100.08	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW25

PERIMETER ORE ZONE BASELINE WELL

	Sample Date	10-JUL-96	23-JUL-96	07-AUG-96	21-AUG-96	10-JUL-96	23-JUL-96	05-AUG-96	20-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	21	26	26	26					4	24.750	2.500	26	21	1
	Mg	5	5	5	6					4	5.250	.500	6	5	1
	Na	220	227	228	231					4	226.500	4.655	231	220	1
	K	5	5	5	5					4	5.000	.000	5	5	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	85.4								1	85.400	.000	85.4	85.4	5
	SO4	480	510	510	520					4	505.00	17.321	520	480	10
	Cl[2]	5	4	4.5	5	4.3	5.3	5.4	5.5	4	5.125	.556	5.5	4.3	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.6								1	3.600	.000	3.6	3.6	.1
	TDS @ 180C	848	848	816	780					4	823.00	32.393	848	780	10
	Cond (umho/cm)[2]	1200	1190	1140	1170	1244	1235	1238	1248	4	1241.25	5.852	1248	1235	1
	Alk-CaCO3[2]	75	70	75	70	68.7	63.7	69.3	70.6	4	68.075	3.023	70.6	63.7	1
	pH (units)[2]	8.75	8.51	8.27	8.53	8.5	8.1	8.4	8.4	4	8.515	.196	8.75	8.27	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	-.001	.003	-.001	-.001					1	.003	.000	.003	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	.002					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.01	.006	.01	.008					4	.009	.002	.01	.006	.001
	Ra226	.5	-1	14	1.6					3	5.367	7.497	14	.5	.1
Q.A. DATA: by CORE	Anion meq:	11.64	12.14	12.25	12.37					4	12.100	.321	12.37	11.64	
	Cation meq:	11.16	11.71	11.76	11.97					4	11.650	.346	11.97	11.16	
	WYDEQ A/C Bal. %	2.11	1.77	2.06	1.65					4	1.898	.223	2.11	1.65	
	CALC TDS mg/l	785.35	819.7	824.25	835.7					4	816.25	21.672	835.7	785.35	
	TDS A/C BAL	107.98	103.45	99	93.33					4	100.940	6.259	107.98	93.33	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW27

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	09-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	30	31	33	34					4	32.000	1.826	34	30	1
	Mg	4	5	6	6					4	5.250	.957	6	4	1
	Na	244	256	250	246					4	249.000	5.292	256	244	1
	K	7	5	5	4					4	5.250	1.258	7	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	67.1								1	67.100	.000	67.1	67.1	5
	SO4	520	580	560	570					4	557.50	26.300	580	520	10
	Cl [2]	4	4	4	5	4.6	5.7	6	5.7	4	5.500	.616	6	4.6	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.6								1	3.600	.000	3.6	3.6	.1
	TDS @ 180C	892	880	900	925					4	899.25	19.033	925	880	10
	Cond (umho/cm)[2]	1270	1310	1240	1260	1331	1338	1340	1344	4	1338.25	5.439	1344	1331	1
	Alk-CaCO3 [2]	60	70	70	67.5	60.2	58.3	69.4	71.6	4	64.875	6.603	71.6	58.3	1
	pH (units)[2]	8.93	8.72	8.8	8.87	9.1	8.5	8.6	8.7	4	8.830	.091	8.93	8.72	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.004	-.001	-.001	.001					2	.003	.002	.004	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	.06								1	.060	.000	.06	.06	.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	.002					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.014	.007	.009	.008					4	.010	.003	.014	.007	.001
	Ra226	13	12	16	14					4	13.750	1.708	16	12	.1
Q.A. DATA: by CORE	Anion meq:	12.15	13.6	13.18	13.37					4	13.075	.640	13.6	12.15	
	Cation meq:	12.62	13.23	13.15	13					4	13.000	.271	13.23	12.62	
	WYDEQ A/C Bal. %	-1.92	1.38	.12	1.39					3	.963	.730	1.39	.12	
	CALC TDS mg/l	849.2	923.7	900.7	906.18					4	894.95	32.035	923.7	849.2	
	TDS A/C BAL	105.04	95.27	99.92	102.08					4	100.578	4.114	105.04	95.27	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW29

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	24-JUL-96 COR	20-AUG-96 COR	06-SEP-96 COR	10-JUL-96 CR	23-JUL-96 CR	07-AUG-96 CR	20-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	28	26	28	29					4	27.750	1.258	29	26	1
	Mg	5	5	6	6					4	5.500	.577	6	5	1
	Na	221	246	233	227					4	231.750	10.689	246	221	1
	K	5	6	5	5					4	5.250	.500	6	5	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	500	550	480	480					4	502.50	33.040	550	480	10
	Cl [2]	6	4	5	5	4.3	5.3	5.4	5.4	5	5.080	.466	5.4	4.3	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.8								1	3.800	.000	3.8	3.8	.1
	TDS @ 180C	876	868	870	840					4	863.50	16.031	876	840	10
	Cond (umho/cm)[2]	1240	1230	1220	1240	1266	1264	1270	1266	5	1261.20	12.050	1270	1240	1
	Alk-CaCO3 [2]	67.5	70	62.5	67.5	65.4	54.4	67	66.4	5	64.140	5.501	67.5	54.4	1
	pH (units)[2]	8.51	8.57	8.33	8.41	8.6	8.3	8.3	8.4	4	8.455	.106	8.57	8.33	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.001	-.001	.001	-.001					2	.001	.000	.001	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	.004					1	.004	.000	.004	.004	.001
	V	-.05								0					.05
	Zn	.01								1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.002	.001	.001	.005					4	.002	.002	.005	.001	.001
	Ra226	2.8	3.2	15	-2.6					3	7.000	6.931	15	2.8	.1
Q.A. DATA: by CORE	Anion meq:	11.94	12.97	11.39						3	12.100	.802	12.97	11.39	
	Cation meq:	11.55	12.57	12.16						3	12.093	.513	12.57	11.55	
	WYDEQ A/C Bal. %	1.63	1.59	-3.26						2	1.610	.028	1.63	1.59	
	CALC TDS mg/l	809.98	879.7	795.13						3	828.27	45.154	879.7	795.13	
	TDS A/C BAL	108.15	98.67	109.42						3	105.413	5.874	109.42	98.67	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW31

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	18	18	20	21					4	19.250	1.500	21	18	1
	Mg	4	4	4	5					4	4.250	.500	5	4	1
	Na	232	242	237	236					4	236.750	4.113	242	232	1
	K	9	9	7	7					4	8.000	1.155	9	7	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	58								1	58.000	.000	58	58	5
	SO4	510	540	500	515					4	516.25	17.017	540	500	10
	Cl [2]	5	4	4	5	4.6	5.4	5.7	5.1	4	5.200	.469	5.7	4.6	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.9								1	3.900	.000	3.9	3.9	.1
	TDS @ 180C	800	872	832	830					4	833.50	29.547	872	800	10
	Cond (umho/cm)[2]	1180	1220	1140	1220	1244	1244	1261	1251	4	1250.00	8.042	1261	1244	1
	Alk-CaCO3 [2]	50	55	60	60	47.8	45.2	55.8	53.2	4	50.500	4.857	55.8	45.2	1
	pH (units)[2]	8.74	8.75	8.85	8.69	8.9	8.6	8.5	8.6	4	8.758	.067	8.85	8.69	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	-.001	.002	-.001					2	.003	.001	.003	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.002	.001	.004	.002					4	.002	.001	.004	.001	.001
	Ra226	1.7	.8	45 *	26					3	9.500	14.297	26	.8	.1
Q.A. DATA: by CORE	Anion meq:	11.77	12.46	11.73	12.07					4	12.008	.338	12.46	11.73	
	Cation meq:	11.55	11.99	11.82	11.91					4	11.818	.191	11.99	11.55	
	WYDEQ A/C Bal. %	.92	1.95	-.37	.68					3	1.183	.675	1.95	.68	
	CALC TDS mg/l	812.4	850.55	808.6	825.6					4	824.29	18.964	850.55	808.6	
	TDS A/C BAL	98.47	102.52	102.89	100.53					4	101.103	2.038	102.89	98.47	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW33

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	20-MAY-96 COR	11-JUN-96 COR	25-JUN-96 COR	10-JUL-96 COR	10-JUN-96 CR	24-JUN-96 CR	10-JUL-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	27	28	28	29				4	28.000	.816	29	27	1
	Mg	1	5	5	5				4	4.000	2.000	5	1	1
	Na	242	235	236	232				4	236.250	4.193	242	232	1
	K	3	4	3	4				4	3.500	.577	4	3	1
	CO3	3							1	3.000	.000	3	3	1
	HCO3	85							1	85.000	.000	85	85	5
	SO4	510	540	480	500				4	507.50	25.000	540	480	10
	Cl [2]	5	4	6	4.5	4.7	4.8	4.5	3	4.667	.153	4.8	4.5	1
	NH4 (N)	.1							1	.100	.000	.1	.1	.1
	NO2 (N)	-.05							0					.05
	NO3 (N)	-.05							0					.05
	F	.1							1	.100	.000	.1	.1	.1
	SIO2	4							1	4.000	.000	4	4	.1
	TDS @ 180C	864	840	840	840				4	846.00	12.000	864	840	10
	Cond (umho/cm)[2]	1310	1240	1140	1210	1271	1261	1255	3	1262.33	8.083	1271	1255	1
	Alk-CaCO3 [2]	75	65	70	77.5	68.8	70.9	71	3	70.233	1.242	71	68.8	1
	pH (units)[2]	8.63	8.25	8.45	8.26	8.3	8.1	8.3	4	8.398	.180	8.63	8.25	0-14
TRACE METALS mg/l	Al	-.05							0					.05
	Arsenic	.002	-.001	-.001	-.001				1	.002	.000	.002	.002	.001
	Ba	-.05							0					.05
	B	-.1							0					.1
	Cd	-.05							0					.05
	Cr	-.05							0					.05
	Cu	-.05							0					.05
	Fe	-.05							0					.05
	Pb	-.005							0					.005
	Mn	-.05							0					.05
	Hg	-.0002							0					.0002
	Mo	-.05							0					.05
	Ni	-.05							0					.05
	Se	-.001	-.001	-.001	-.001				0					.001
	V	-.05							0					.05
	Zn	.01							1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	-.001	.004				1	.004	.000	.004	.004	.001
	Ra226	.6	2.1	1.5	3.5				4	1.925	1.218	3.5	.6	.1
Q.A. DATA: by CORE	Anion meq:	12.27	12.66	11.57	12.09				4	12.148	.453	12.66	11.57	
	Cation meq:	12.03	12.14	12.15	12.06				4	12.095	.059	12.15	12.03	
	WYDEQ A/C Bal. %	.96	2.12	-2.47	.15				3	1.077	.990	2.12	.15	
	CALC TDS mg/l	837.75	855.65	800.7	821.78				4	828.97	23.379	855.65	800.7	
	TDS A/C BAL	103.13	98.17	104.91	102.22				4	102.108	2.853	104.91	98.17	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW34

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	09-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	08-JUL-96 CR	22-JUL-96 CR	07-AUG-96 CR	21-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	36	36	37	37					4	36.500	.577	37	36	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	243	241	242	246					4	243.000	2.160	246	241	1
	K	5	4	4	4					4	4.250	.500	5	4	1
	CO3	-1								0					1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	580	550	580	570					4	570.00	14.142	580	550	10
	Cl [2]	2	4	4.5	5	4.2	5.1	5.4	4.9	4	4.900	.510	5.4	4.2	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.4								1	4.400	.000	4.4	4.4	.1
	TDS @ 180C	884	916	876	850					4	881.50	27.197	916	850	10
	Cond (umho/cm)[2]	1330	1270	1220	1260	1349	1345	1346	1342	4	1345.50	2.887	1349	1342	1
	Alk-CaCO3 [2]	65	70	65	67.5	65.2	65.2	65.7	66.1	4	65.550	.436	66.1	65.2	1
	pH (units)[2]	8.3	8.23	8.35	8.4	8.2	8.1	8.1	8.1	4	8.320	.073	8.4	8.23	0-14
TRACE METALS mg/l	Al	.12 *								1	.120	.000	.12	.12	.05
	Arsenic	-.001	.003	-.001	.002					2	.003	.001	.003	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	.08								1	.080	.000	.08	.08	.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.021	.011	.013	.012					4	.014	.005	.021	.011	.001
	Ra226	6.1	4	21	3					4	8.525	8.416	21	3	.1
Q.A. DATA: by CORE	Anion meq:	13.44	12.97	13.51	13.37					4	13.323	.242	13.51	12.97	
	Cation meq:	12.99	12.88	12.97	13.15					4	12.998	.112	13.15	12.88	
	WYDEQ A/C Bal. %	1.69	.35	2.02	.82					4	1.220	.770	2.02	.35	
	CALC TDS mg/l	916.05	883.7	913.15	909.18					4	905.52	14.817	916.05	883.7	
	TDS A/C BAL	96.5	103.66	95.93	93.49					4	97.395	4.376	103.66	93.49	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW35

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	20-MAY-96 COR	11-JUN-96 COR	25-JUN-96 COR	10-JUL-96 COR	19-MAY-96 CR	10-JUN-96 CR	24-JUN-96 CR	10-JUL-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	24	26	26	27					4	25.750	1.258	27	24	1
	Mg	4	5	4	27 *					3	4.333	.577	5	4	1
	Na	243	234	235	232					4	236.000	4.830	243	232	1
	K	3	4	3	4					4	3.500	.577	4	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	76								1	76.000	.000	76	76	5
	SO4	510	520	480	510					4	505.00	17.321	520	480	10
	Cl [2]	5	4	5	4	4.9	4.8	4.7	4.8	4	4.800	.082	4.9	4.7	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	3.7								1	3.700	.000	3.7	3.7	.1
	TDS @ 180C	836	820	840	808					4	826.00	14.787	840	808	10
	Cond (umho/cm) [2]	1250	1210	1130	1200	1284	1241	1257	1266	4	1262.00	17.944	1284	1241	1
	Alk-CaCO3 [2]	67.5	67.5	72.5	72.5	63.8	64.9	61.9	67.9	4	64.625	2.510	67.9	61.9	1
	pH (units) [2]	8.45	8.37	8.52	8.28	8.6	8.2	8.2	8.4	4	8.405	.103	8.52	8.28	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	-.001	-.001	.005	.003					2	.004	.001	.005	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	-.001	.002	.006					3	.004	.002	.006	.002	.001
	Ra226	.9	.4	.3	2.4					4	1.000	.970	2.4	.3	.1
Q.A. DATA: by CORE	Anion meq:	12.12	12.3	11.59	12.19					4	12.050	.315	12.3	11.59	
	Cation meq:	12.18	11.99	11.93	13.79					4	12.473	.885	13.79	11.93	
	WYDEQ A/C Bal. %	-.25	1.25	-1.43	-6.17					1	1.250	.000	1.25	1.25	
	CALC TDS mg/l	833.88	834.18	797.23	848.23					4	828.38	21.819	848.23	797.23	
	TDS A/C BAL	100.25	98.3	105.37	95.26					4	99.795	4.246	105.37	95.26	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW36

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	09-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	09-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	21-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	28	30	31					4	29.500	1.291	31	28	1
	Mg	5	5	5	5					4	5.000	.000	5	5	1
	Na	239	231	237	234					4	235.250	3.500	239	231	1
	K	5	4	4	4					4	4.250	.500	5	4	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	73.2								1	73.200	.000	73.2	73.2	5
	SO4	550	520	550	540					4	540.00	14.142	550	520	10
	Cl [2]	3	4	4	5.5	4.6	5.4	5.4	5.3	4	5.175	.386	5.4	4.6	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.2								1	4.200	.000	4.2	4.2	.1
	TDS @ 180C	852	844	796	870					4	840.50	31.596	870	796	10
	Cond (umho/cm)[2]	1210	1200	1170	1210	1298	1250	1284	1283	4	1278.75	20.353	1298	1250	1
	Alk-CaCO3 [2]	62.5	65	65	65	62.7	50.9	63.1	64.3	4	60.250	6.270	64.3	50.9	1
	pH (units)[2]	8.56	8.3	8.48	8.55	8.4	8.2	8.2	8.3	4	8.473	.120	8.56	8.3	0-14
TRACE METALS mg/l	Al	.12								1	.120	.000	.12	.12	.05
	Arsenic	.004	.005	.001	.001					4	.003	.002	.005	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.001	.003	.003					4	.003	.001	.003	.001	.001
	Ra226	2.6	3.2	2.7	4.1					4	3.150	.686	4.1	2.6	.1
Q.A. DATA: by CORE	Anion meq:	12.79	12.25	12.87	12.7					4	12.653	.277	12.87	12.25	
	Cation meq:	12.39	11.96	12.32	12.24					4	12.228	.189	12.39	11.96	
	WYDEQ A/C Bal. %	1.62	1.17	2.17	1.85					4	1.703	.421	2.17	1.17	
	CALC TDS mg/l	873.33	831.65	869.65	859.15					4	858.45	18.847	873.33	831.65	
	TDS A/C BAL	97.56	101.48	91.53	101.26					4	97.958	4.647	101.48	91.53	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW37

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	07-MAY-96 COR	20-MAY-96 COR	11-JUN-96 COR	22-APR-96 CR	06-MAY-96 CR	19-MAY-96 CR	10-JUN-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	28	27	28					4	28.000	.816	29	27	1
	Mg	4	5	4	5					4	4.500	.577	5	4	1
	Na	238	235	239	234					4	236.500	2.380	239	234	1
	K	4	4	3	4					4	3.750	.500	4	3	1
	CO3	4.8								1	4.800	.000	4.8	4.8	1
	HCO3	61								1	61.000	.000	61	61	5
	SO4	520	520	510	530					4	520.00	8.165	530	510	10
	Cl [2]	2	4	4.5	4	4.6	4.7	4.6	4.5	4	4.600	.082	4.7	4.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4								1	4.000	.000	4	4	.1
	TDS @ 180C	844	864	848	816					4	843.00	19.967	864	816	10
	Cond (umho/cm) [2]	1200	1260	1250	1200	1264	1273	1306	1239	4	1270.50	27.695	1306	1239	1
	Alk-CaCO3 [2]	58	70	75	77.5	71.3	68.5	69.3	70.4	4	69.875	1.228	71.3	68.5	1
	pH (units) [2]	9.07	8.54	8.76	8.5	9	8.5	8.7	8.5	4	8.718	.261	9.07	8.5	0-14
TRACE METALS mg/l	Al	.06								1	.060	.000	.06	.06	.05
	Arsenic	-.001	.005	.001	-.001					2	.003	.003	.005	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.008	.005	.006	.005					4	.006	.001	.008	.005	.001
	Ra226	38	8.4	7.5	8.9					4	15.700	14.878	38	7.5	.1
Q.A. DATA: by CORE	Anion meq:	12.05	12.35	12.25	12.7					4	12.338	.272	12.7	12.05	
	Cation meq:	12.23	12.14	12.15	12.09					4	12.153	.058	12.23	12.09	
	WYDEQ A/C Bal. %	-.76	.86	.41	2.46					3	1.243	1.077	2.46	.41	
	CALC TDS mg/l	836.38	838.7	833.25	852.28					4	840.15	8.388	852.28	833.25	
	TDS A/C BAL	100.91	103.02	101.77	95.74					4	100.360	3.200	103.02	95.74	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW38

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	09-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	09-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	21-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	30	32	32	33					4	31.750	1.258	33	30	1
	Mg	5	5	6	6					4	5.500	.577	6	5	1
	Na	244	252	242	245					4	245.750	4.349	252	242	1
	K	5	4	4	4					4	4.250	.500	5	4	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	48.8								1	48.800	.000	48.8	48.8	5
	SO4	580	570	570	550					4	567.50	12.583	580	550	10
	Cl [2]	3	4	4	4.5	4	4.8	4.5	4.7	4	4.500	.356	4.8	4	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	868	872	860	930					4	882.50	32.057	930	860	10
	Cond (umho/cm)[2]	1250	1290	1200	1260	1318	1315	1329	1325	4	1321.75	6.397	1329	1315	1
	Alk-CaCO3 [2]	42.5 *	70	60	65	57	53.6	64.8	65.6	4	60.250	5.891	65.6	53.6	1
	pH (units)[2]	8.54	8.54	8.66	8.62	8.5	8.5	8.4	8.5	4	8.590	.060	8.66	8.54	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	-.001	-.001	-.001	-.001					0					.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	.002	-.001	-.001	-.001					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.016	.008	.01	.009					4	.011	.004	.016	.008	.001
	Ra226	5.9	5.8	5.6	4.4					4	5.425	.695	5.9	4.4	.1
Q.A. DATA: by CORE	Anion meq:	13.02	13.39	13.19	12.89					4	13.123	.217	13.39	12.89	
	Cation meq:	12.65	13.08	12.72	12.9					4	12.838	.193	13.08	12.65	
	WYDEQ A/C Bal. %	1.42	1.18	1.79	-.08					3	1.463	.307	1.79	1.18	
	CALC TDS mg/l	897.23	909.7	894.6	882.15					4	895.92	11.298	909.7	882.15	
	TDS A/C BAL	96.74	95.86	96.13	105.42					4	98.538	4.603	105.42	95.86	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW39

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	07-MAY-96 COR	20-MAY-96 COR	11-JUN-96 COR	22-APR-96 CR	06-MAY-96 CR	19-MAY-96 CR	10-JUN-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	26	28	26	28					4	27.000	1.155	28	26	1
	Mg	2	3	3	4					4	3.000	.816	4	2	1
	Na	240	231	243	234					4	237.000	5.477	243	231	1
	K	5	4	4	4					4	4.250	.500	5	4	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	70.2								1	70.200	.000	70.2	70.2	5
	SO4	500	520	520	530					4	517.50	12.583	530	500	10
	Cl [2]	3	3	4	4	4.7	4.6	4.4	4.6	4	4.575	.126	4.7	4.4	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4								1	4.000	.000	4	4	.1
	TDS @ 180C	796	848	892	824					4	840.00	40.661	892	796	10
	Cond (umho/cm) [2]	1190	1240	1290	1220	1303	1258	1293	1293	4	1286.75	19.738	1303	1258	1
	Alk-CaCO3 [2]	68	67.5	72.5	75	72.1	71.8	65.3	60.2	4	67.350	5.706	72.1	60.2	1
	pH (units) [2]	9.35	8.77	8.67	8.63	9.3	8.8	8.8	8.1	4	8.855	.335	9.35	8.63	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.002	.004	.003	-.001					3	.003	.001	.004	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.002	-.001					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.001	.001	.001					4	.002	.001	.003	.001	.001
	Ra226	.1	.6	1.6	-1					3	.767	.764	1.6	.1	.1
Q.A. DATA: by CORE	Anion meq:	11.86	12.27	12.4	12.65					4	12.295	.330	12.65	11.86	
	Cation meq:	12.03	11.8	12.22	12.01					4	12.015	.172	12.22	11.8	
	WYDEQ A/C Bal. %	-.71	1.96	.72	2.61					3	1.763	.960	2.61	.72	
	CALC TDS mg/l	821.48	830.18	844.23	849.75					4	836.41	12.921	849.75	821.48	
	TDS A/C BAL	96.9	102.15	105.66	96.97					4	100.420	4.272	105.66	96.9	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW40

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	21-MAY-96 COR	14-JUN-96 COR	25-JUN-96 COR	09-JUL-96 COR	20-MAY-96 CR	13-JUN-96 CR	24-JUN-96 CR	09-JUL-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	32	33	33					4	31.750	1.893	33	29	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	255	245	244	240					4	246.000	6.377	255	240	1
	K	5	6	4	5					4	5.000	.816	6	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	76								1	76.000	.000	76	76	5
	SO4	580	577	540	520					4	554.25	29.193	580	520	10
	Cl [2]	4.5	4	5	3	4.6	4.6	4.6	4.5	4	4.575	.050	4.6	4.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	912	925	912	920					4	917.25	6.397	925	912	10
	Cond (umho/cm) [2]	1330	1320	1200	1320	1326	1347	1339	1348	4	1340.00	10.165	1348	1326	1
	Alk-CaCO3 [2]	67.5	67.5	67.5	65	63.4	63.6	62.8	64.5	4	63.575	.704	64.5	62.8	1
	pH (units) [2]	8.48	8.73	8.53	8.55	8.6	8.5	8.3	8.4	4	8.573	.109	8.73	8.48	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	-.001	-.001	.005	.003					2	.004	.001	.005	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	.001	.005					2	.003	.003	.005	.001	.001
	Ra226	22	27	28	35					4	28.000	5.354	35	22	.1
Q.A. DATA: by CORE	Anion meq:	13.56	13.48	12.74	12.22					4	13.000	.638	13.56	12.22	
	Cation meq:	13.17	12.91	12.86	12.71					4	12.913	.192	13.17	12.71	
	WYDEQ A/C Bal. %	1.48	2.19	-.47	-1.99					2	1.835	.502	2.19	1.48	
	CALC TDS mg/l	924.98	911.18	873.18	846.65					4	889.00	35.732	924.98	846.65	
	TDS A/C BAL	98.6	101.52	104.45	108.66					4	103.308	4.294	108.66	98.6	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW41

PERIMETER ORE ZONE BASELINE WELL

	Sample Date	14-FEB-96	26-FEB-96	11-MAR-96	26-MAR-96	14-FEB-96	26-FEB-96	11-MAR-96	25-MAR-96	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	30	30	29	31					4	30.000	.816	31	29	1
	Mg	4	4	4	4					4	4.000	.000	4	4	1
	Na	234	219	249	240					4	235.500	12.610	249	219	1
	K	3	4	4	4					4	3.750	.500	4	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	85								1	85.000	.000	85	85	5
	SO4	522	492	543	500					4	514.25	22.984	543	492	10
	Cl [2]	5	4	4	4.1	5.1	4.6	4.7	4.8	4	4.800	.216	5.1	4.6	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	5								1	5.000	.000	5	5	.1
	TDS @ 180C	848	824	840	876					4	847.00	21.756	876	824	10
	Cond (umho/cm) [2]	1260	1200	1220	1240	1347	1208	1252	1246	4	1263.25	59.135	1347	1208	1
	Alk-CaCO3 [2]	75	70	75	72.5	74.1	66.2	67.9	68.2	4	69.100	3.448	74.1	66.2	1
	pH (units) [2]	8.41	8.29	8.45	8.14	8.6	8.5	8.4	8.4	4	8.323	.139	8.45	8.14	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	-.001	.005	-.001	.003					2	.004	.001	.005	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.014 *	.132	.032	.109 *					2	.023	.013	.032	.014	.001
	Ra226	1.1	14	4.7	3.6					4	5.850	5.638	14	1.1	.1
Q.A. DATA: by CORE	Anion meq:	12.52	11.76	12.93	11.98					4	12.298	.529	12.93	11.76	
	Cation meq:	12.08	11.46	12.71	12.42					4	12.168	.537	12.71	11.46	
	WYDEQ A/C Bal. %	1.75	1.31	.83	-1.8					3	1.297	.460	1.75	.83	
	CALC TDS mg/l	848.75	795.7	878.75	827.33					4	837.63	35.018	878.75	795.7	
	TDS A/C BAL	99.91	103.56	95.59	105.88					4	101.235	4.495	105.88	95.59	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW42

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	21-MAY-96 COR	14-JUN-96 COR	25-JUN-96 COR	09-JUL-96 COR	20-MAY-96 CR	13-JUN-96 CR	24-JUN-96 CR	08-JUL-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	30	34	34	33					4	32.750	1.893	34	30	1
	Mg	7	7	7	6					4	6.750	.500	7	6	1
	Na	247	247	240	238					4	243.000	4.690	247	238	1
	K	3	4	3	4					4	3.500	.577	4	3	1
	CO3	-1								0					1
	HCO3	85								1	85.000	.000	85	85	5
	SO4	530	598	520	550					4	549.50	34.655	598	520	10
	Cl [2]	4	3	5	3	4.5	4.3	4.6	4.5	4	4.475	.126	4.6	4.3	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	6								1	6.000	.000	6	6	.1
	TDS @ 180C	944	930	908	892					4	918.50	23.058	944	892	10
	Cond (umho/cm)[2]	1330	1320	1180	1310	1375	1329	1327	1341	4	1343.00	22.211	1375	1327	1
	Alk-CaCO3 [2]	70	70	67.5	70	64.9	60.7	62	63.4	4	62.750	1.808	64.9	60.7	1
	pH (units)[2]	8.27	8.46	8.28	8.27	8.1	7.6	7.8	8.1	4	8.320	.093	8.46	8.27	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.005	-.001	.006	.004					3	.005	.001	.006	.004	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	-.001	.004					1	.004	.000	.004	.004	.001
	Ra226	2.1	2.9	11	5.6					4	5.400	4.022	11	2.1	.1
Q.A. DATA: by CORE	Anion meq:	12.55	13.94	12.32	12.94					4	12.938	.716	13.94	12.32	
	Cation meq:	12.9	13.13	12.8	12.6					4	12.858	.220	13.13	12.6	
	WYDEQ A/C Bal. %	-1.36	3.02	-1.87	1.34					2	2.180	1.188	3.02	1.34	
	CALC TDS mg/l	869.7	935.7	850.18	876.7					4	883.07	36.837	935.7	850.18	
	TDS A/C BAL	108.54	99.39	106.8	101.75					4	104.120	4.270	108.54	99.39	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW43

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	14-FEB-96 COR	26-FEB-96 COR	11-MAR-96 COR	26-MAR-96 COR	14-FEB-96 CR	26-FEB-96 CR	11-MAR-96 CR	25-MAR-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	28	30	29	30					4	29.250	.957	30	28	1
	Mg	4	4	4	4					4	4.000	.000	4	4	1
	Na	237	213	280	236					4	241.500	27.958	280	213	1
	K	6	6	5	5					4	5.500	.577	6	5	1
	CO3	9								1	9.000	.000	9	9	1
	HCO3	76								1	76.000	.000	76	76	5
	SO4	520	480	607	510					4	529.25	54.549	607	480	10
	Cl [2]	5	4	4	6.9	5.1	4.6	4.9	4.8	4	4.850	.208	5.1	4.6	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	.08								1	.080	.000	.08	.08	.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	-.1								0					.1
	TDS @ 180C	832	832	848	872					4	846.00	18.903	872	832	10
	Cond (umho/cm)[2]	1250	1200	1250	1210	1348	1275	1294	1264	4	1295.25	37.286	1348	1264	1
	Alk-CaCO3 [2]	78	75	75	80	80.6	70.1	70	70.4	4	72.775	5.219	80.6	70	1
	pH (units)[2]	8.99	8.84	8.86	8.7	9.1	9	8.9	8.7	4	8.848	.119	8.99	8.7	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.002	.004	-.001	.001					3	.002	.002	.004	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.021	.015	.006	.008					4	.013	.007	.021	.006	.001
	Ra226	1.8	6.4	2.5	2.8					4	3.375	2.060	6.4	1.8	.1
Q.A. DATA: by CORE	Anion meq:	12.53	11.61	14.26	12.42					4	12.705	1.115	14.26	11.61	
	Cation meq:	12.19	11.25	14.09	12.22					4	12.438	1.190	14.09	11.25	
	WYDEQ A/C Bal. %	1.39	1.59	.61	.8					4	1.098	.467	1.59	.61	
	CALC TDS mg/l	847.48	782.75	974.75	840.7					4	861.42	80.945	974.75	782.75	
	TDS A/C BAL	98.17	106.29	87	103.72					4	98.795	8.562	106.29	87	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW44

PERIMETER ORE ZONE BASELINE WELL

	Sample Date	21-MAY-96	13-JUN-96	25-JUN-96	09-JUL-96	19-MAY-96	13-JUN-96	24-JUN-96	08-JUL-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	24	28	29	31					4	28.000	2.944	31	24	1
	Mg	5	6	6	6					4	5.750	.500	6	5	1
	Na	249	250	251	245					4	248.750	2.630	251	245	1
	K	4	5	4	4					4	4.250	.500	5	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	61								1	61.000	.000	61	61	5
	SO4	550	597	530	570					4	561.75	28.617	597	530	10
	Cl [2]	5	4	7	3	4.8	4.8	4.9	4.6	4	4.775	.126	4.9	4.6	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	.12								1	.120	.000	.12	.12	.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4								1	4.000	.000	4	4	.1
	TDS @ 180C	896	916	900	900					4	903.00	8.869	916	896	10
	Cond (umho/cm)[2]	1310	1380	1330	1310	1368	1339	1340	1363	4	1352.50	15.155	1368	1339	1
	Alk-CaCO3 [2]	55	60	60	62.5	51.8	55.1	60.2	60.3	4	56.850	4.151	60.3	51.8	1
	pH (units)[2]	8.92	8.64	8.71	8.65	8.9	8.6	8.5	8.5	4	8.730	.130	8.92	8.64	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.008	.004	.007	.005					4	.006	.002	.008	.004	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.011	.011	-.001	.004					3	.009	.004	.011	.004	.001
	Ra226	2.8	.7	1.7	2.9					4	2.025	1.037	2.9	.7	.1
Q.A. DATA: by CORE	Anion meq:	12.7	13.75	12.44	13.21					4	13.025	.580	13.75	12.44	
	Cation meq:	12.55	12.9	12.97	12.8					4	12.805	.184	12.97	12.55	
	WYDEQ A/C Bal. %	.61	3.2	-2.07	1.56					3	1.790	1.310	3.2	.61	
	CALC TDS mg/l	874.55	926.6	863.6	897.13					4	890.47	27.840	926.6	863.6	
	TDS A/C BAL	102.45	98.86	104.21	100.32					4	101.460	2.352	104.21	98.86	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW45

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	15-FEB-96 COR	26-FEB-96 COR	11-MAR-96 COR	26-MAR-96 COR	15-FEB-96 CR	26-FEB-96 CR	11-MAR-96 CR	25-MAR-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	29	26	28					4	28.000	1.414	29	26	1
	Mg	3	3	4	4					4	3.500	.577	4	3	1
	Na	236	220	262	236					4	238.500	17.388	262	220	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	73								1	73.000	.000	73	73	5
	SO4	522	498	573	500					4	523.25	34.903	573	498	10
	Cl [2]	4	4	4	5.5	5.2	5.1	4.8	4.9	4	5.000	.183	5.2	4.8	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	1.18								1	1.180	.000	1.18	1.18	.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.6								1	4.600	.000	4.6	4.6	.1
	TDS @ 180C	800	860	832	868					4	840.00	30.811	868	800	10
	Cond (umho/cm) [2]	1240	1240	1260	1190	1329	1196	1320	1255	4	1275.00	62.134	1329	1196	1
	Alk-CaCO3 [2]	70	68	70	72.5	70.4	63.2	62.8	63.8	4	65.050	3.590	70.4	62.8	1
	pH (units) [2]	8.73	8.7	8.73	8.43	9	8.7	8.7	8.6	4	8.648	.146	8.73	8.43	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.005	.008	-.001	.005					3	.006	.002	.008	.005	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.023	.016	.011	.015					4	.016	.005	.023	.011	.001
	Ra226	2.7	4.7	3.2	3.4					4	3.500	.852	4.7	2.7	.1
Q.A. DATA: by CORE	Anion meq:	12.39	11.85	13.45	12.02					4	12.428	.718	13.45	11.85	
	Cation meq:	12.06	11.37	13.13	12.1					4	12.165	.725	13.13	11.37	
	WYDEQ A/C Bal. %	1.33	2.07	1.22	-.31					3	1.540	.462	2.07	1.22	
	CALC TDS mg/l	845.3	799.48	915.7	821.73					4	845.55	50.368	915.7	799.48	
	TDS A/C BAL	94.64	107.57	90.86	105.63					4	99.675	8.182	107.57	90.86	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW46

PERIMETER ORE ZONE BASELINE WELL

	Sample Date	23-APR-96	07-MAY-96	20-MAY-96	13-JUN-96	23-APR-96	06-MAY-96	19-MAY-96	13-JUN-96	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	49 *	52 *	46	52 *					1	46.000	.000	46	46	1
	Mg	9	10	10	10					4	9.750	.500	10	9	1
	Na	293	300	296	296					4	296.250	2.872	300	293	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	2.4								1	2.400	.000	2.4	2.4	1
	HCO3	68.3								1	68.300	.000	68.3	68.3	5
	SO4	720 *	760 *	733 *	750 *					0					10
	Cl [2]	4	4	5	6	5.9	4.6	5.9	5.9	4	5.575	.650	5.9	4.6	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.1								1	4.100	.000	4.1	4.1	.1
	TDS @ 180C	1150	1150	1160	1110					4	1142.50	22.174	1160	1110	10
	Cond (umho/cm) [2]	1540	1610 *	1660 *	1680 *	1608 *	1241 *	1693 *	1625 *	0					1
	Alk-CaCO3 [2]	60	60	65	65	52.3	68.6	60.8	59.1	4	60.200	6.697	68.6	52.3	1
	pH (units) [2]	8.67	8.26	8.27	8.31	8.5	9	8.4	8.2	4	8.378	.196	8.67	8.26	0-14
TRACE METALS mg/l	Al	.06								1	.060	.000	.06	.06	.05
	Arsenic	.004	.003	.005	.002					4	.004	.001	.005	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.005	.005	.005					4	.005	.001	.006	.005	.001
	Ra226	2.8	7.3	4.7	1.8					4	4.150	2.420	7.3	1.8	.1
Q.A. DATA: by CORE	Anion meq:	16.31	17.15	16.71	17.09					4	16.815	.389	17.15	16.31	
	Cation meq:	16.04	16.58	16.11	16.41					4	16.285	.254	16.58	16.04	
	WYDEQ A/C Bal. %	.84	1.68	1.85	2.06					4	1.608	.535	2.06	.84	
	CALC TDS mg/l	1119.7	1166.6	1133.65	1157.65					4	1144.40	21.557	1166.6	1119.7	
	TDS A/C BAL	102.71	98.58	102.32	95.88					4	99.873	3.248	102.71	95.88	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW47

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	15-FEB-96 COR	26-FEB-96 COR	11-MAR-96 COR	26-MAR-96 COR	15-FEB-96 CR	26-FEB-96 CR	11-MAR-96 CR	25-MAR-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	30	28	29					4	29.000	.816	30	28	1
	Mg	3	4	4	5					4	4.000	.816	5	3	1
	Na	240	210	267	236					4	238.250	23.329	267	210	1
	K	3	3	3	4					4	3.250	.500	4	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	79								1	79.000	.000	79	79	5
	SO4	524	468	583	500					4	518.75	48.589	583	468	10
	Cl [2]	5	4	4	5.5	5.2	5	4.8	5.1	4	5.025	.171	5.2	4.8	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	.09								1	.090	.000	.09	.09	.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	5								1	5.000	.000	5	5	.1
	TDS @ 180C	868	856	828	868					4	855.00	18.868	868	828	10
	Cond (umho/cm) [2]	1250	1220	1250	1190	1338	1279	1289	1265	4	1292.75	31.732	1338	1265	1
	Alk-CaCO3 [2]	70	70	75	75	72	64.7	65.3	65.2	4	66.800	3.477	72	64.7	1
	pH (units) [2]	8.61	8.55	8.55	8.2	8.7	8.5	8.5	8.4	4	8.478	.187	8.61	8.2	0-14
TRACE METALS mg/l	Al	.1								1	.100	.000	.1	.1	.05
	Arsenic	.004	.007	.002	.005					4	.005	.002	.007	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.06								1	.060	.000	.06	.06	.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.026	-.001	.006					3	.013	.012	.026	.006	.001
	Ra226	2.3	4.9	3.6	2.9					4	3.425	1.118	4.9	2.3	.1
Q.A. DATA: by CORE	Anion meq:	12.46	11.26	13.76	12.07					4	12.388	1.043	13.76	11.26	
	Cation meq:	12.21	11.04	13.42	12.23					4	12.225	.972	13.42	11.04	
	WYDEQ A/C Bal. %	1	1	1.25	-.65					3	1.083	.144	1.25	1	
	CALC TDS mg/l	851.7	761.7	934.75	825.25					4	843.35	71.689	934.75	761.7	
	TDS A/C BAL	101.91	112.38	88.58	105.18					4	102.013	9.966	112.38	88.58	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW48-2

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	07-MAY-96 COR	20-MAY-96 COR	13-JUN-96 COR	22-APR-96 CR	06-MAY-96 CR	19-MAY-96 CR	13-JUN-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	31	30	29	29					4	29.750	.957	31	29	1
	Mg	6	6	6	6					4	6.000	.000	6	6	1
	Na	248	238	246	247					4	244.750	4.573	248	238	1
	K	4	6	6	7					4	5.750	1.258	7	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	560	520	520	587					4	546.75	32.796	587	520	10
	Cl [2]	3	3	4	4	4.5	5.9	4.5	4.5	4	4.850	.700	5.9	4.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.5								1	4.500	.000	4.5	4.5	.1
	TDS @ 180C	904	904	896	892					4	899.00	6.000	904	892	10
	Cond (umho/cm)[2]	1270	1300	1310	1360	1368	1621	1395	1327	4	1427.75	131.832	1621	1327	1
	Alk-CaCO3 [2]	70	67.5	67	70	61.8	59.4	66.2	64.9	4	63.075	3.067	66.2	59.4	1
	pH (units)[2]	8.65	8.37	8.3	8.54	8.6	8.5	8.7	8.2	4	8.465	.159	8.65	8.3	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	-.001	.004	.003	-.001					2	.004	.001	.004	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.002	.002	.002					4	.002	.001	.002	.001	.001
	Ra226	1.5	1.3	7.7	1.5					4	3.000	3.135	7.7	1.3	.1
Q.A. DATA: by CORE	Anion meq:	13.15	12.27	12.29	13.74					4	12.863	.714	13.74	12.27	
	Cation meq:	12.94	12.5	12.8	12.87					4	12.778	.194	12.94	12.5	
	WYDEQ A/C Bal. %	.83	-.94	-2.05	3.28					2	2.055	1.732	3.28	.83	
	CALC TDS mg/l	899.2	844.18	851.87	922.7					4	879.49	37.706	922.7	844.18	
	TDS A/C BAL	100.53	107.09	105.18	96.67					4	102.368	4.692	107.09	96.67	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW49

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	14-FEB-96 COR	26-FEB-96 COR	12-MAR-96 COR	26-MAR-96 COR	14-FEB-96 CR	26-FEB-96 CR	11-MAR-96 CR	25-MAR-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	30	28	30					4	29.250	.957	30	28	1
	Mg	5	5	5	5					4	5.000	.000	5	5	1
	Na	244	211	260	234					4	237.250	20.516	260	211	1
	K	3	3	4	4					4	3.500	.577	4	3	1
	CO3	2								1	2.000	.000	2	2	1
	HCO3	88								1	88.000	.000	88	88	5
	SO4	520	462	573	510					4	516.25	45.522	573	462	10
	Cl [2]	5	4	4	5.5	5.3	5.1	5.2	4.9	4	5.125	.171	5.3	4.9	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	.22								1	.220	.000	.22	.22	.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	5								1	5.000	.000	5	5	.1
	TDS @ 180C	832	860	808	856					4	839.00	24.083	860	808	10
	Cond (umho/cm) [2]	1250	1240	1250	1230	1348	1282	1312	1251	4	1298.25	41.476	1348	1251	1
	Alk-CaCO3 [2]	75	73	75	75	74	66.3	83.9	66.9	4	72.775	8.200	83.9	66.3	1
	pH (units) [2]	8.47	8.43	8.29	8.35	8.6	8.3	7.5	8.3	4	8.385	.081	8.47	8.29	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	-.001	.005	-.001	.003					2	.004	.001	.005	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.015	.027	.028	.005					4	.019	.011	.028	.005	.001
	Ra226	2	4.7	2.6	3					4	3.075	1.159	4.7	2	.1
Q.A. DATA: by CORE	Anion meq:	12.47	11.2	13.55	12.28					4	12.375	.963	13.55	11.2	
	Cation meq:	12.55	11.17	13.22	12.19					4	12.283	.856	13.22	11.17	
	WYDEQ A/C Bal. %	-.31	.13	1.22	.35					3	.567	.576	1.22	.13	
	CALC TDS mg/l	856.75	759.53	919.75	834.25					4	842.57	66.138	919.75	759.53	
	TDS A/C BAL	97.11	113.23	87.85	102.61					4	100.200	10.609	113.23	87.85	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW50

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	07-MAY-96 COR	20-MAY-96 COR	13-JUN-96 COR	22-APR-96 CR	06-MAY-96 CR	19-MAY-96 CR	13-JUN-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	27	28	26	28					4	27.250	.957	28	26	1
	Mg	5	6	5	5					4	5.250	.500	6	5	1
	Na	237	229	244	237					4	236.750	6.131	244	229	1
	K	3	4	3	3					4	3.250	.500	4	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	520	520	540	550					4	532.50	15.000	550	520	10
	Cl [2]	3	3	4	4	4.7	4.5	4.8	4.8	4	4.700	.141	4.8	4.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.1								1	4.100	.000	4.1	4.1	.1
	TDS @ 180C	856	868	824	832					4	845.00	20.494	868	824	10
	Cond (umho/cm) [2]	1220	1260	1240	1290	1291	1332	1323	1276	4	1305.50	26.388	1332	1276	1
	Alk-CaCO3 [2]	70	70	70	75	64.8	66.2	62.4	66.9	4	65.075	1.986	66.9	62.4	1
	pH (units) [2]	8.65	8.24	8.18	8.39	8.6	8.7	8.3	8.2	4	8.365	.210	8.65	8.18	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	.002	.004	.004	-.001					3	.003	.001	.004	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.002	.002	.105 *					3	.002	.001	.003	.002	.001
	Ra226	1.6	4.4	3.4	2.6					4	3.000	1.189	4.4	1.6	.1
Q.A. DATA: by CORE	Anion meq:	12.32	12.32	12.76	13.07					4	12.618	.366	13.07	12.32	
	Cation meq:	12.15	11.96	12.4	12.2					4	12.178	.181	12.4	11.96	
	WYDEQ A/C Bal. %	.69	1.48	1.43	3.46					4	1.765	1.186	3.46	.69	
	CALC TDS mg/l	841.8	832.7	864.7	873					4	853.05	18.924	873	832.7	
	TDS A/C BAL	101.69	104.24	95.29	95.3					4	99.130	4.549	104.24	95.29	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW51

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	14-FEB-96 COR	26-FEB-96 COR	12-MAR-96 COR	26-MAR-96 COR	03-APR-96 COR	14-FEB-96 CR	26-FEB-96 CR	11-MAR-96 CR	25-MAR-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	29	25	28	29	27					5	27.600	1.673	29	25	1
	Mg	4	4	5	5	5					5	4.600	.548	5	4	1
	Na	235	218	287	239	237					5	243.200	25.869	287	218	1
	K	5	5	5	4	4					5	4.600	.548	5	4	1
	CO3	6									1	6.000	.000	6	6	1
	HCO3	79									1	79.000	.000	79	79	5
	SO4	520	492	617	520	520					5	533.80	48.065	617	492	10
	Cl [2]	4	3.5	4	4.1	4	5.2	5.1	4.9	4.9	4	5.025	.150	5.2	4.9	1
	NH4 (N)	.1									1	.100	.000	.1	.1	.1
	NO2 (N)	-.05									0					.05
	NO3 (N)	-.05									0					.05
	F	.2									1	.200	.000	.2	.2	.1
	SIO2	4.8									1	4.800	.000	4.8	4.8	.1
	TDS @ 180C	860	848	836	868	888					5	860.00	19.799	888	836	10
	Cond (umho/cm)[2]	1260	1240	1260	1220	1250	1364	1286	1301	1292	4	1310.75	36.031	1364	1286	1
	Alk-CaCO3 [2]	75	65	70	77.5	75	76.6	58.4	67.6	67.3	4	67.475	7.431	76.6	58.4	1
	pH (units)[2]	8.99	8.95	8.56	8.52	8.6	8.9	8.9	8.7	8.6	5	8.724	.227	8.99	8.52	0-14
TRACE METALS mg/l	Al	-.05									0					.05
	Arsenic	.001	.004	-.001	.003	.005					4	.003	.002	.005	.001	.001
	Ba	-.05									0					.05
	B	-.1									0					.1
	Cd	-.05									0					.05
	Cr	-.05									0					.05
	Cu	-.05									0					.05
	Fe	-.05									0					.05
	Pb	-.005									0					.005
	Mn	-.05									0					.05
	Hg	-.0002									0					.0002
	Mo	-.05									0					.05
	Ni	-.05									0					.05
	Se	-.001	-.002	-.001	-.001	-.001					0					.001
	V	-.05									0					.05
	Zn	-.01									0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.019	.018	.003	.003					5	.009	.008	.019	.003	.001
	Ra226	1.4	2.8	1.4	2.3	30					5	7.580	12.548	30	1.4	.1
Q.A. DATA: by CORE	Anion meq:	12.45	11.65	14.37	12.5	12.45					5	12.684	1.007	14.37	11.65	
	Cation meq:	12.13	11.19	14.42	12.36	12.17					5	12.454	1.189	14.42	11.19	
	WYDEQ A/C Bal. %	1.29	2.01	-.2	.56	1.11					4	1.243	.599	2.01	.56	
	CALC TDS mg/l	847.55	787.15	988.7	848.38	842.75					5	862.91	74.860	988.7	787.15	
	TDS A/C BAL	101.47	107.73	84.56	102.31	105.37					5	100.288	9.139	107.73	84.56	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW52

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	16-FEB-96 COR	27-FEB-96 COR	12-MAR-96 COR	26-MAR-96 COR	15-FEB-96 CR	27-FEB-96 CR	12-MAR-96 CR	26-MAR-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	28	27	25	25					4	26.250	1.500	28	25	1
	Mg	4	3	4	4					4	3.750	.500	4	3	1
	Na	230	209	264	233					4	234.000	22.672	264	209	1
	K	4	4	4	5					4	4.250	.500	5	4	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	79								1	79.000	.000	79	79	5
	SO4	498	440	573	480					4	497.75	55.716	573	440	10
	Cl [2]	5	4	4	5.5	5.5	5.3	5.3	5.2	4	5.325	.126	5.5	5.2	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	1.12								1	1.120	.000	1.12	1.12	.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	5.2								1	5.200	.000	5.2	5.2	.1
	TDS @ 180C	856	796	828	848					4	832.00	26.733	856	796	10
	Cond (umho/cm)[2]	1210	1210	1210	1230	1291	1214	1226	1218	4	1237.25	36.179	1291	1214	1
	Alk-CaCO3 [2]	75	70	67.5	85	74.8	64.2	62.3	62.4	4	65.925	5.981	74.8	62.3	1
	pH (units)[2]	8.81	8.65	8.67	8.53	8.9	8.9	8.7	8.7	4	8.665	.115	8.81	8.53	0-14
TRACE METALS mg/l	Al	.06								1	.060	.000	.06	.06	.05
	Arsenic	-.001	.001	-.001	.001					2	.001	.000	.001	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	.0002								1	.000		.0002	.0002	.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.016	.002	.013	.008					4	.010	.006	.016	.002	.001
	Ra226	.5	3	1	1.1					4	1.400	1.098	3	.5	.1
Q.A. DATA: by CORE	Anion meq:	12.02	10.68	13.4	11.85					4	11.988	1.114	13.4	10.68	
	Cation meq:	11.84	10.79	13.16	11.84					4	11.908	.971	13.16	10.79	
	WYDEQ A/C Bal. %	.75	-.51	.89	.05					3	.563	.450	.89	.05	
	CALC TDS mg/l	819.95	729.7	915.18	804.35					4	817.30	76.221	915.18	729.7	
	TDS A/C BAL	104.4	109.09	90.47	105.43					4	102.348	8.170	109.09	90.47	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW53

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	15-FEB-96 COR	28-FEB-96 COR	12-MAR-96 COR	26-MAR-96 COR	15-FEB-96 CR	12-MAR-96 CR	26-MAR-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	22	21	19	18				4	20.000	1.826	22	18	1
	Mg	3	3	3	3				4	3.000	.000	3	3	1
	Na	236	208	259	238				4	235.250	20.934	259	208	1
	K	6	7	8	8				4	7.250	.957	8	6	1
	CO3	6							1	6.000	.000	6	6	1
	HCO3	79							1	79.000	.000	79	79	5
	SO4	498	444	563	490				4	498.75	48.999	563	444	10
	Cl [2]		5	4	4.1	569	5.5	5.1	3	5.500	.400	5.9	5.1	1
	NH4 (N)	-.1							0					.1
	NO2 (N)	-.05							0					.05
	NO3 (N)	-.05							0					.05
	F	.2							1	.200	.000	.2	.2	.1
	SIO2	4.7							1	4.700	.000	4.7	4.7	.1
	TDS @ 180C	796	776	796	816				4	796.00	16.330	816	776	10
	Cond (umho/cm)[2]	983	1180	1190	1190	1221	1198	1193	3	1204.00	14.933	1221	1193	1
	Alk-CaCO3 [2]	75	68	70	67.5	73.2	61.3	58.7	3	64.400	7.731	73.2	58.7	1
	pH (units)[2]	8.75	8.8	8.86	8.62	9	8.9	8.9	4	8.758	.102	8.86	8.62	0-14
TRACE METALS mg/l	Al	.08							1	.080	.000	.08	.08	.05
	Arsenic	.004	.002	-.001	.005				3	.004	.002	.005	.002	.001
	Ba	-.05							0					.05
	B	-.1							0					.1
	Cd	-.05							0					.05
	Cr	-.05							0					.05
	Cu	-.05							0					.05
	Fe	-.05							0					.05
	Pb	-.005							0					.005
	Mn	-.05							0					.05
	Hg	-.0002							0					.0002
	Mo	-.05							0					.05
	Ni	-.05							0					.05
	Se	-.001	-.002	-.001	-.001				0					.001
	V	-.05							0					.05
	Zn	-.01							0					.01
RADIOMETRIC pCi/l	U (mg/l)	.01	.027	-.001	.003				3	.013	.012	.027	.003	.001
	Ra226	1.1	1.5	1.6	1.2				4	1.350	.238	1.6	1.1	.1
Q.A. DATA: by CORE	Anion meq:	12.04	10.75	13.24	11.67				4	11.925	1.031	13.24	10.75	
	Cation meq:	11.76	10.52	12.67	11.7				4	11.663	.882	12.67	10.52	
	WYDEQ A/C Bal. %	1.17	1.07	2.22	-.12				3	1.487	.637	2.22	1.07	
	CALC TDS mg/l	821.45	729.48	898.7	802.28				4	812.98	69.538	898.7	729.48	
	TDS A/C BAL	96.9	106.38	88.57	101.71				4	98.390	7.605	106.38	88.57	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6MW54

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	19-FEB-96 COR	27-FEB-96 COR	12-MAR-96 COR	26-MAR-96 COR	15-FEB-96 CR	27-FEB-96 CR	12-MAR-96 CR	26-MAR-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	24	24	24	25					4	24.250	.500	25	24	1
	Mg	3	4	4	4					4	3.750	.500	4	3	1
	Na	236	205	253	228					4	230.500	19.942	253	205	1
	K	4	4	4	5					4	4.250	.500	5	4	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	73								1	73.000	.000	73	73	5
	SO4	504	450	563	500					4	504.25	46.234	563	450	10
	Cl [2]	5	4	4	5.5	5.9	5.3	5.4	5	4	5.400	.374	5.9	5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.8								1	4.800	.000	4.8	4.8	.1
	TDS @ 180C	804	776	796	832					4	802.00	23.209	832	776	10
	Cond (umho/cm)[2]	969	1180	1190	1170	1246	1206	1210	1216	4	1219.50	18.138	1246	1206	1
	Alk-CaCO3 [2]	70	70	65	72.5	70	64.1	62	61.6	4	64.425	3.875	70	61.6	1
	pH (units)[2]	8.99	9	9.06	8.68	9.2	9.3	9.1	9	4	8.933	.171	9.06	8.68	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	.007	.002	-.001	.004					3	.004	.003	.007	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	.05								1	.050	.000	.05	.05	.05
	Ni	-.05								0					.05
	Se	-.001	-.002	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.007	.021	.005					4	.009	.009	.021	.001	.001
	Ra226	.5	1.7	.6	.7					4	.875	.556	1.7	.5	.1
Q.A. DATA: by CORE	Anion meq:	12.04	10.89	13.14	12.02					4	12.023	.919	13.14	10.89	
	Cation meq:	11.81	10.55	12.64	11.62					4	11.655	.860	12.64	10.55	
	WYDEQ A/C Bal. %	.95	1.58	1.96	1.68					4	1.543	.426	1.96	.95	
	CALC TDS mg/l	823.5	733.7	891.65	811.73					4	815.15	64.724	891.65	733.7	
	TDS A/C BAL	97.63	105.77	89.27	102.5					4	98.793	7.175	105.77	89.27	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6TW1

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	05-AUG-96 CR	20-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	29	30	31	32					4	30.500	1.291	32	29	1
	Mg	5	5	5	6					4	5.250	.500	6	5	1
	Na	234	242	239	238					4	238.250	3.304	242	234	1
	K	4	4	4	3					4	3.750	.500	4	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	530	530	540	550					4	537.50	9.574	550	530	10
	Cl[2]	5	4	6	5	4.3	5.3	5.4	5.4	4	5.100	.535	5.4	4.3	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.5								1	4.500	.000	4.5	4.5	.1
	TDS @ 180C	888	872	860	925					4	886.25	28.265	925	860	10
	Cond (umho/cm)[2]	1270	1230	1203	1240	1303	1300	1314	1313	4	1307.50	7.047	1314	1300	1
	Alk-CaCO3[2]	70	70	65	67.5	65.3	67.5	66.5	66.9	4	66.550	.929	67.5	65.3	1
	pH (units)[2]	8.77	8.81	8.45	8.6	8.7	8.6	8.5	8.5	4	8.658	.166	8.81	8.45	0-14
TRACE METALS mg/l	Al	.06								1	.060	.000	.06	.06	.05
	Arsenic	.004	.006	.001	.002					4	.003	.002	.006	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	-.001	.003	.002					3	.004	.002	.006	.002	.001
	Ra226	4	.7	2.6	1.4					4	2.175	1.448	4	.7	.1
Q.A. DATA: by CORE	Anion meq:	12.58	12.55	12.72	12.95					4	12.700	.182	12.95	12.55	
	Cation meq:	12.14	12.54	12.46	12.52					4	12.415	.186	12.54	12.14	
	WYDEQ A/C Bal. %	1.78	.05	1.03	1.67					4	1.133	.794	1.78	.05	
	CALC TDS mg/l	854.2	857.7	864.65	875.18					4	862.93	9.248	875.18	854.2	
	TDS A/C BAL	103.96	101.67	99.46	105.69					4	102.695	2.713	105.69	99.46	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6TW2

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	05-AUG-96 CR	20-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	24	24	25	26					4	24.750	.957	26	24	1
	Mg	5	4	5	6					4	5.000	.816	6	4	1
	Na	245	246	247	241					4	244.750	2.630	247	241	1
	K	8	7	5	6					4	6.500	1.291	8	5	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	76.3								1	76.300	.000	76.3	76.3	5
	SO4	520	530	550	550					4	537.50	15.000	550	520	10
	Cl [2]	4	4	4	5	4.7	5.4	5.5	5.5	4	5.275	.386	5.5	4.7	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.1								1	4.100	.000	4.1	4.1	.1
	TDS @ 180C	860	864	880	855					4	864.75	10.813	880	855	10
	Cond (umho/cm)[2]	1260	1220	1240	1240	1309	1317	1324	1313	4	1315.75	6.397	1324	1309	1
	Alk-CaCO3 [2]	65	67.5	70	67.5	64.5	63.8	66.6	67.6	4	65.625	1.775	67.6	63.8	1
	pH (units)[2]	8.62	8.53	8.62	8.58	8.8	8.4	8.5	8.3	4	8.588	.043	8.62	8.53	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.002	.006	.004	.004					4	.004	.002	.006	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.005	.004	.004	.003					4	.004	.001	.005	.003	.001
	Ra226	.2	2	-1.7	2.1					3	1.433	1.069	2.1	.2	.1
Q.A. DATA: by CORE	Anion meq:	12.25	12.5	12.97	12.95					4	12.668	.353	12.97	12.25	
	Cation meq:	12.47	12.41	12.53	12.43					4	12.460	.053	12.53	12.41	
	WYDEQ A/C Bal. %	-.92	.38	1.71	2.04					3	1.377	.879	2.04	.38	
	CALC TDS mg/l	849.75	856.18	878.7	875.18					4	864.95	14.162	878.7	849.75	
	TDS A/C BAL	101.21	100.91	100.15	97.69					4	99.990	1.597	101.21	97.69	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6TW3

PERIMETER ORE ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	05-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	27	27	27	28					4	27.250	.500	28	27	1
	Mg	5	5	5	6					4	5.250	.500	6	5	1
	Na	230	232	234	232					4	232.000	1.633	234	230	1
	K	4	4	3	3					4	3.500	.577	4	3	1
	CO3	-1								0					1
	HCO3	88.5								1	88.500	.000	88.5	88.5	5
	SO4	510	520	480	520					4	507.50	18.930	520	480	10
	Cl [2]	5	4	4	5	4.3	5.4	5.4	5.4	4	5.125	.550	5.4	4.3	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	3.9								1	3.900	.000	3.9	3.9	.1
	TDS @ 180C	852	852	844	820					4	842.00	15.144	852	820	10
	Cond (umho/cm)[2]	1210	1180	1240	1180	1260	1255	1266	1267	4	1262.00	5.598	1267	1255	1
	Alk-CaCO3 [2]	72.5	70	75	72.5	66.8	69.4	69.6	71.4	4	69.300	1.894	71.4	66.8	1
	pH (units)[2]	8.26	8.38	8.33	8.55	8.5	8.3	8.3	8.3	4	8.380	.124	8.55	8.26	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	.004	.002	.003					4	.003	.001	.004	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.004	.008	.005					4	.006	.002	.008	.004	.001
	Ra226	2.9	1.5	-1.7	1.7					3	2.033	.757	2.9	1.5	.1
Q.A. DATA: by CORE	Anion meq:	12.22	12.35	11.61	12.42					4	12.150	.369	12.42	11.61	
	Cation meq:	11.87	11.96	12.02	12.06					4	11.978	.083	12.06	11.87	
	WYDEQ A/C Bal. %	1.44	1.6	-1.71	1.47					3	1.503	.085	1.6	1.44	
	CALC TDS mg/l	829.13	834.7	798.75	838.23					4	825.20	18.028	838.23	798.75	
	TDS A/C BAL	102.76	102.07	105.67	97.83					4	102.083	3.236	105.67	97.83	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM1

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-APR-96 COR	23-APR-96 COR	08-MAY-96 COR	14-JUN-96 COR	10-APR-96 CR	23-APR-96 CR	07-MAY-96 CR	13-JUN-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	8.19	100	3	10					4	30.298	46.563	100	3	1
	Mg	2.51	-1	-1	1					2	1.755	1.068	2.51	1	1
	Na	216	210	210	193					4	207.250	9.912	216	193	1
	K	38.2	54	55	20					4	41.800	16.445	55	20	1
	CO3	66								1	66.000	.000	66	66	1
	HCO3	24								1	24.000	.000	24	24	5
	SO4	376	350	320	413					4	364.75	39.475	413	320	10
	Cl [2]	8	6	7	6	7	7.3	7.3	6.5	4	7.025	.377	7.3	6.5	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.4								1	.400	.000	.4	.4	.1
	SIO2	4.1								1	4.100	.000	4.1	4.1	.1
	TDS @ 180C	740	740	725	696					4	725.25	20.742	740	696	10
	Cond (umho/cm)[2]	1160	1370	1370	1090	1140	1170	1464	1110	4	1221.00	163.841	1464	1110	1
	Alk-CaCO3 [2]	130	170	165	62.5	118.5	122.1	169.9	55.2	4	116.425	47.062	169.9	55.2	1
	pH (units)[2]	10.24	11.35	11.2	10.65	10	10.3	11.3	11.6	4	10.860	.511	11.35	10.24	0-14
TRACE METALS mg/l	Al	.05								1	.050	.000	.05	.05	.05
	Arsenic	.006	-.001	.001	-.001					2	.004	.004	.006	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.1								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.012	-.001	-.001					1	.012	.000	.012	.012	.001
	Ra226	3.5	3.1	.3	.7					4	1.900	1.633	3.5	.3	.1
Q.A. DATA: by CORE	Anion meq:	10.66	10.86	10.16	10.02					4	10.425	.399	10.86	10.02	
	Cation meq:	10.99	15.43	10.69	9.49					4	11.650	2.602	15.43	9.49	
	WYDEQ A/C Bal. %	-1.53	-17.39	-2.53	2.75					1	2.750	.000	2.75	2.75	
	CALC TDS mg/l	732.3	822.7	695.65	681.13					4	732.95	63.593	822.7	681.13	
	TDS A/C BAL	101.05	89.95	104.22	102.18					4	99.350	6.402	104.22	89.95	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM2

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-APR-96 COR	23-APR-96 COR	08-MAY-96 COR	21-MAY-96 COR	10-APR-96 CR	23-APR-96 CR	07-MAY-96 CR	20-MAY-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	110	20	110	102					4	85.500	43.829	110	20	1
	Mg	14.5	16	15	16					4	15.375	.750	16	14.5	1
	Na	365	348	327	340					4	345.000	15.895	365	327	1
	K	6.4	5	5	4					4	5.100	.987	6.4	4	1
	CO3	-1								0					1
	HCO3	104								1	104.000	.000	104	104	5
	SO4	1010	950	930	903					4	948.25	45.449	1010	903	10
	Cl [2]	8	5	7	6	7	7.7	7.1	7.2	4	7.250	.311	7.7	7	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.8								1	3.800	.000	3.8	3.8	.1
	TDS @ 180C	1410	1450	1430	1464					4	1438.50	23.573	1464	1410	10
	Cond (umho/cm) [2]	1950	1960	1950	1940	1889	1994	1992	1949	4	1956.00	49.254	1994	1889	1
	Alk-CaCO3 [2]	85	93	95	97.5	80.6	96.2	74.4	88.9	4	85.025	9.528	96.2	74.4	1
	pH (units) [2]	8.11	8.35	8.08	7.95	8.1	8.1	8	7.8	4	8.123	.167	8.35	7.95	0-14
TRACE METALS mg/l	Al	.14								1	.140	.000	.14	.14	.05
	Arsenic	.006	-.001	.001	.001					3	.003	.003	.006	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	.1								1	.100	.000	.1	.1	.05
	Hg	-.0002								0					.0002
	Mo	-.1								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.004	-.001	-.001					1	.004	.000	.004	.004	.001
	Ra226	10	6.5	-1	2.3					3	6.267	3.855	10	2.3	.1
Q.A. DATA: by CORE	Anion meq:	22.97	21.79	21.47	20.93					4	21.790	.863	22.97	20.93	
	Cation meq:	22.74	17.59	21.1	21.32					4	20.688	2.189	22.74	17.59	
	WYDEQ A/C Bal. %	.49	10.67	.88	-.92					3	4.013	5.768	10.67	.49	
	CALC TDS mg/l	1569.55	1400.73	1451.95	1430.48					4	1463.18	73.959	1569.55	1400.73	
	TDS A/C BAL	89.83	103.52	98.49	102.34					4	98.545	6.194	103.52	89.83	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM3

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	24-APR-96 COR	08-MAY-96 COR	21-MAY-96 COR	11-JUL-96 COR	24-APR-96 CR	07-MAY-96 CR	20-MAY-96 CR	11-JUL-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	110	120	113	110					4	113.250	4.717	120	110	1
	Mg	19	18	20	20					4	19.250	.957	20	18	1
	Na	368	325	343	330					4	341.500	19.227	368	325	1
	K	4	6	5	6					4	5.250	.957	6	4	1
	CO3	-1								0					1
	HCO3	97.6								1	97.600	.000	97.6	97.6	5
	SO4	1050	1025	977	970					4	1005.50	38.440	1050	970	10
	Cl [2]	6	7	6	7	7.2	7.3	7.2	7.5	4	7.300	.141	7.5	7.2	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	.9								1	.900	.000	.9	.9	.1
	TDS @ 180C	1440	1520	1548	1510					4	1504.50	45.909	1548	1440	10
	Cond (umho/cm)[2]	2040	2010	2010	1970	2044	2076	2031	2014	4	2041.25	26.222	2076	2014	1
	Alk-CaCO3 [2]	80	80	75	72.5	72.8	62.6	68.7	68.6	4	68.175	4.200	72.8	62.6	1
	pH (units)[2]	8.08	8.3	8.19	8.3	8.4	8.2	7.9	8.3	4	8.218	.105	8.3	8.08	0-14
TRACE METALS mg/l	Al	.19								1	.190	.000	.19	.19	.05
	Arsenic	.001	.002	-.001	.001					3	.001	.001	.002	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	.07								1	.070	.000	.07	.07	.05
	Cu	.05								1	.050	.000	.05	.05	.05
	Fe	.05								1	.050	.000	.05	.05	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.003	-.001					1	.003	.000	.003	.003	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.011	-.001	-.001	.001					2	.006	.007	.011	.001	.001
	Ra226	2	2.5	2.4	.7					4	1.900	.829	2.5	.7	.1
Q.A. DATA: by CORE	Anion meq:	23.64	23.15	22.02	21.86					4	22.668	.866	23.64	21.86	
	Cation meq:	23.19	21.78	22.36	21.67					4	22.250	.696	23.19	21.67	
	WYDEQ A/C Bal. %	.98	3.04	-.75	.43					3	1.483	1.376	3.04	.43	
	CALC TDS mg/l	1606.7	1549.8	1509.75	1487.23					4	1538.37	52.390	1606.7	1487.23	
	TDS A/C BAL	89.62	98.08	102.53	101.53					4	97.940	5.865	102.53	89.62	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM4

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	24-APR-96 COR	08-MAY-96 COR	21-MAY-96 COR	14-JUN-96 COR	24-APR-96 CR	07-MAY-96 CR	20-MAY-96 CR	13-JUN-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	50	47	60	35					4	48.000	10.296	60	35	1
	Mg	-1	1	-1	-1					1	1.000	.000	1	1	1
	Na	274	284	280	277					4	278.750	4.272	284	274	1
	K	3	9	8	8					4	7.000	2.708	9	3	1
	CO3	9.6								1	9.600	.000	9.6	9.6	1
	HCO3	-5								0					5
	SO4	600	640	620	617					4	619.25	16.399	640	600	10
	Cl [2]	5	6	5	4	5.6	5.9	7	5.7	4	6.050	.645	7	5.6	1
	NH4 (N)	.6								1	.600	.000	.6	.6	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	.8								1	.800	.000	.8	.8	.1
	TDS @ 180C	1060	1040	1084	1070					4	1063.50	18.502	1084	1040	10
	Cond (umho/cm) [2]	1730	1640	1840	1970	1858	1756	1871	2017	4	1875.50	107.438	2017	1756	1
	Alk-CaCO3 [2]	113	65	145	186	129.1	63.9	137.5	172.4	4	125.725	45.280	172.4	63.9	1
	pH (units) [2]	11.25	10.97	11.38	11.41	11.3	11	11.2	11.3	4	11.253	.201	11.41	10.97	0-14
TRACE METALS mg/l	Al	.31								1	.310	.000	.31	.31	.05
	Arsenic	-.001	-.001	-.001	-.001					0					.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	.07								1	.070	.000	.07	.07	.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.003	-.001					1	.003	.000	.003	.003	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.004	-.001	-.001	-.001					1	.004	.000	.004	.004	.001
	Ra226	-1	-1	3	.6					2	1.800	1.697	3	.6	.1
Q.A. DATA: by CORE	Anion meq:	14.9	14.8	15.96	16.69					4	15.588	.903	16.69	14.8	
	Cation meq:	14.41	15.01	15.38	14					4	14.700	.614	15.38	14	
	WYDEQ A/C Bal. %	1.69	-.7	1.85	8.76					3	4.100	4.036	8.76	1.69	
	CALC TDS mg/l	1000.73	1026.65	1061.45	1054.46					4	1035.82	27.807	1061.45	1000.73	
	TDS A/C BAL	105.92	101.3	102.12	101.47					4	102.703	2.174	105.92	101.3	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM5

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	08-MAY-96 COR	14-JUN-96 COR	11-JUL-96 COR	23-APR-96 CR	07-MAY-96 CR	13-JUN-96 CR	11-JUL-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	29	33	40	47					4	37.250	7.932	47	29	1
	Mg	6	6	7	7					4	6.500	.577	7	6	1
	Na	249	267	249	239					4	251.000	11.662	267	239	1
	K	7	8	5	4					4	6.000	1.826	8	4	1
	CO3	4.8			-1					1	4.800	.000	4.8	4.8	1
	HCO3	43.9			146					2	94.950	72.196	146	43.9	5
	SO4	600	670	617	540					4	606.75	53.562	670	540	10
	Cl [2]	4	7	6	6	7	6.7	6.3	6.3	4	6.575	.340	7	6.3	1
	NH4 (N)	.1			.3					2	.200	.141	.3	.1	.1
	NO2 (N)	-.05			-.05					0					.05
	NO3 (N)	-.05			-.05					0					.05
	F	.3			.3					2	.300	.000	.3	.3	.1
	SIO2	4.2			3.6					2	3.900	.424	4.2	3.6	.1
	TDS @ 180C	876	975	935	940					4	931.50	41.057	975	876	10
	Cond (umho/cm) [2]	1280	1400	1340	1330	1366	1454	1353	1353	4	1381.50	48.720	1454	1353	1
	Alk-CaCO3 [2]	44	55	125	120	43.8	50.3	117.2	117.2	4	82.125	40.588	117.2	43.8	1
	pH (units) [2]	9.07	8.8	7.98	8.03	8.8	8.6	8.2	8.2	4	8.470	.549	9.07	7.98	0-14
TRACE METALS mg/l	Al	.11			-.05					1	.110	.000	.11	.11	.05
	Arsenic	-.001	.001	-.001	.002					2	.002	.001	.002	.001	.001
	Ba	-.05			.07					1	.070	.000	.07	.07	.05
	B	-.1			-.1					0					.1
	Cd	-.05			-.05					0					.05
	Cr	-.05			-.05					0					.05
	Cu	-.05			.06					1	.060	.000	.06	.06	.05
	Fe	-.05			-.05					0					.05
	Pb	-.005			-.005					0					.005
	Mn	-.05			-.05					0					.05
	Hg	-.0002			-.0002					0					.0002
	Mo	-.05			-.05					0					.05
	Ni	-.05			-.05					0					.05
	Se	.002	-.001	-.001	-.001					1	.002	.000	.002	.002	.001
	V	-.05			-.05					0					.05
	Zn	-.01			-.01					0					.01
RADIOMETRIC pCi/l	U (mg/l)	.003	.009	.008	.008					4	.007	.003	.009	.003	.001
	Ra226	-1	3.1	1.1	1.2					3	1.800	1.127	3.1	1.1	.1
Q.A. DATA: by CORE	Anion meq:	13.49	15.26	15.52	13.82					4	14.523	1.016	15.52	13.49	
	Cation meq:	12.96	13.96	13.54	13.43					4	13.473	.411	13.96	12.96	
	WYDEQ A/C Bal. %	2.03	4.42	6.83	1.44					4	3.680	2.464	6.83	1.44	
	CALC TDS mg/l	926.04	1024.55	1000.25	919.8					4	967.66	52.667	1024.55	919.8	
	TDS A/C BAL	94.6	95.16	93.48	102.2					4	96.360	3.955	102.2	93.48	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM6

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	07-AUG-96 CR	21-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	5	6	6	6					4	5.750	.500	6	5	1
	Mg	-1	1	-1	1					2	1.000	.000	1	1	1
	Na	97	110	109	111					4	106.750	6.551	111	97	1
	K	3	3	4	3					4	3.250	.500	4	3	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	250								1	250.000	.000	250	250	5
	SO4	-10	-10	-10	-10					0					10
	Cl [2]	9	9	10	12	10.6	11.4	11.9	11.7	4	11.400	.572	11.9	10.6	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	1.5								1	1.500	.000	1.5	1.5	.1
	SIO2	3.4								1	3.400	.000	3.4	3.4	.1
	TDS @ 180C	246	272	272	288					4	269.50	17.388	288	246	10
	Cond (umho/cm)[2]	436	463	432	460	439	477	490	492	4	474.50	24.583	492	439	1
	Alk-CaCO3 [2]	215	240	230	250	209.2	230.9	243.6	247.6	4	232.825	17.284	247.6	209.2	1
	pH (units)[2]	8.57	8.44	8.85	8.75	8.9	8.6	8.6	8.7	4	8.653	.183	8.85	8.44	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.001	-.001	-.001	-.001					1	.001	.000	.001	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	.05								1	.050	.000	.05	.05	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.001	-.001	.001					3	.001	.000	.001	.001	.001
	Ra226	-1.3	.6	2.1	-1					2	1.350	1.061	2.1	.6	.1
Q.A. DATA: by CORE	Anion meq:	4.55	5.05	4.88	5.34					4	4.955	.330	5.34	4.55	
	Cation meq:	4.54	5.24	5.14	5.29					4	5.053	.347	5.29	4.54	
	WYDEQ A/C Bal. %	.1	-1.84	-2.59	.49					2	.295	.276	.49	.1	
	CALC TDS mg/l	248.55	275.4	269.3	285.5					4	269.69	15.595	285.5	248.55	
	TDS A/C BAL	98.97	98.77	101	100.88					4	99.905	1.199	101	98.77	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM7

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	07-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	4	5	6	6					4	5.250	.957	6	4	1
	Mg	-1	1	-1	1					2	1.000	.000	1	1	1
	Na	97	116	116	109					4	109.500	8.963	116	97	1
	K	3	3	3	3					4	3.000	.000	3	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	244								1	244.000	.000	244	244	5
	SO4	-10	-10	-10	-10					0					10
	Cl [2]	10	10	9	12	10.7	11.2	11.3	11.4	4	11.150	.311	11.4	10.7	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	1.4								1	1.400	.000	1.4	1.4	.1
	SIO2	3.7								1	3.700	.000	3.7	3.7	.1
	TDS @ 180C	258	274	268	302					4	275.50	18.859	302	258	10
	Cond (umho/cm)[2]	410	478	457	480	462	494	499	496	4	487.75	17.289	499	462	1
	Alk-CaCO3 [2]	205	250	248	250	222.9	246.4	244.9	255	4	242.300	13.677	255	222.9	1
	pH (units)[2]	8.61	8.3	8.63	8.62	8.7	8.4	8.6	8.4	4	8.540	.160	8.63	8.3	0-14
TRACE METALS mg/l	Al	.1								1	.100	.000	.1	.1	.05
	Arsenic	-.001	-.001	-.001	-.001					0					.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	.05								1	.050	.000	.05	.05	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	.07								1	.070	.000	.07	.07	.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.001	-.001	-.001					2	.001	.000	.001	.001	.001
	Ra226	-.5	.7	-1.7	-1					1	.700	.000	.7	.7	.1
Q.A. DATA: by CORE	Anion meq:	4.38	5.28	5.21	5.34					4	5.053	.451	5.34	4.38	
	Cation meq:	4.49	5.45	5.42	5.2					4	5.140	.447	5.45	4.49	
	WYDEQ A/C Bal. %	-1.27	-1.6	-1.95	1.32					1	1.320	.000	1.32	1.32	
	CALC TDS mg/l	242.75	287.5	285.28	283.5					4	274.76	21.401	287.5	242.75	
	TDS A/C BAL	106.28	95.3	93.94	106.53					4	100.513	6.827	106.53	93.94	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM8

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	06-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	120	130	150	122					4	130.500	13.699	150	120	1
	Mg	19	17	17	18					4	17.750	.957	19	17	1
	Na	375	390	376	410					4	387.750	16.338	410	375	1
	K	6	5	5	4					4	5.000	.816	6	4	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	61								1	61.000	.000	61	61	5
	SO4	1125	1170	1200	1120					4	1153.75	38.161	1200	1120	10
	Cl [2]	8.5	9	8	10	9.6	10.4	10.6	10.6	4	10.300	.476	10.6	9.6	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	-.1								0					.1
	SIO2	3.5								1	3.500	.000	3.5	3.5	.1
	TDS @ 180C	1770	1740	1700	1740					4	1737.50	28.723	1770	1700	10
	Cond (umho/cm) [2]	2270	2250	2110	2200	2309	2278	2324	2299	4	2302.50	19.296	2324	2278	1
	Alk-CaCO3 [2]	52.5	45	55	55	51.6	51.5	50.1	52.3	4	51.375	.922	52.3	50.1	1
	pH (units) [2]	8.42	8	8.29	9.2	8.2	7.8	7.8	8	4	8.478	.513	9.2	8	0-14
TRACE METALS mg/l	Al	.18								1	.180	.000	.18	.18	.05
	Arsenic	.001	-.001	-.001	-.001					1	.001	.000	.001	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.1								1	.100	.000	.1	.1	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.001	-.001	.001					3	.001	.000	.001	.001	.001
	Ra226	-.7	30 *	2.6	2.5					2	2.550	.071	2.6	2.5	.1
Q.A. DATA: by CORE	Anion meq:	24.73	25.53	26.33	24.72					4	25.328	.769	26.33	24.72	
	Cation meq:	24.04	25	25.39	25.53					4	24.990	.672	25.53	24.04	
	WYDEQ A/C Bal. %	1.41	1.04	1.8	-1.62					3	1.417	.380	1.8	1.04	
	CALC TDS mg/l	1689.03	1748.45	1789.55	1717.55					4	1736.15	43.086	1789.55	1689.03	
	TDS A/C BAL	104.79	99.52	95	101.31					4	100.155	4.074	104.79	95	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM9

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	11-JUL-96 CR	23-JUL-96 CR	07-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	45	68	70	69					4	63.000	12.028	70	45	1
	Mg	-1	-1	-1	-1					0					1
	Na	224	293	304	350					4	292.750	52.060	350	224	1
	K	14	14	14	14					4	14.000	.000	14	14	1
	CO3	21								1	21.000	.000	21	21	1
	HCO3	-5								0					5
	SO4	480	755	770	850					4	713.75	161.316	850	480	10
	Cl [2]	5	8	7	8	7.6	7.6	8.6	9.1	4	8.225	.750	9.1	7.6	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.4								1	.400	.000	.4	.4	.1
	SIO2	6.48								1	6.480	.000	6.48	6.48	.1
	TDS @ 180C	940	1120	1210	1220					4	1122.50	129.711	1220	940	10
	Cond (umho/cm) [2]	1610	1770	1680	1760	1763	1766	1876	1943	4	1837.00	88.080	1943	1763	1
	Alk-CaCO3 [2]	128	90	70	77.5	151.8	125.9	80.3	56.4	4	103.600	43.171	151.8	56.4	1
	pH (units) [2]	11.14	11.07	11.08	11.11	11.3	11	10.7	10.8	4	11.100	.032	11.14	11.07	0-14
TRACE METALS mg/l	Al	.12								1	.120	.000	.12	.12	.05
	Arsenic	-.001	-.001	.001	.002					2	.002	.001	.002	.001	.001
	Ba	.06								1	.060	.000	.06	.06	.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	.08								1	.080	.000	.08	.08	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.003	-.001					1	.003	.000	.003	.003	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.001	-.001	-.001					2	.001	.000	.001	.001	.001
	Ra226	-.7	2.9	-1.7	1.1					2	2.000	1.273	2.9	1.1	.1
Q.A. DATA: by CORE	Anion meq:	12.7	17.75	17.64	19.48					4	16.893	2.919	19.48	12.7	
	Cation meq:	12.35	16.5	17.08	19.03					4	16.240	2.810	19.03	12.35	
	WYDEQ A/C Bal. %	1.41	3.67	1.62	1.19					4	1.973	1.145	3.67	1.19	
	CALC TDS mg/l	852.56	1192.9	1207.7	1338.28					4	1147.86	207.422	1338.28	852.56	
	TDS A/C BAL	110.26	93.89	100.19	91.16					4	98.875	8.480	110.26	91.16	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM10

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	06-AUG-96 CR	19-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	1	2	2	3					4	2.000	.816	3	1	1
	Mg	-1	-1	-1	-1					0					1
	Na	119	123	128	129					4	124.750	4.646	129	119	1
	K	13	10	8	8					4	9.750	2.363	13	8	1
	CO3	78								1	78.000	.000	78	78	1
	HCO3	73.2								1	73.200	.000	73.2	73.2	5
	SO4	85	52	70	80					4	71.75	14.569	85	52	10
	Cl [2]	7	8	9	10	7.8	9.3	9.7	9.7	4	9.125	.903	9.7	7.8	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	1								1	1.000	.000	1	1	.1
	SIO2	3.6								1	3.600	.000	3.6	3.6	.1
	TDS @ 180C	352	346	342	374					4	353.50	14.271	374	342	10
	Cond (umho/cm)[2]	642	607	569	603	668	597	609	629	4	625.75	31.106	668	597	1
	Alk-CaCO3 [2]	190	210	205	212.5	194.6	196.6	201.9	218.1	4	202.800	10.655	218.1	194.6	1
	pH (units)[2]	10.12	9.6	9.83	9.44	10.3	9.6	9.6	9.6	4	9.748	.295	10.12	9.44	0-14
TRACE METALS mg/l	Al	.15								1	.150	.000	.15	.15	.05
	Arsenic	.002	-.001	-.001	-.001					1	.002	.000	.002	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	.08								1	.080	.000	.08	.08	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.008	.001	.001	.005					4	.004	.003	.008	.001	.001
	Ra226	-.7	1.3	2.3	2.5					3	2.033	.643	2.5	1.3	.1
Q.A. DATA: by CORE	Anion meq:	5.77	5.51	5.81	6.2					4	5.823	.285	6.2	5.51	
	Cation meq:	5.56	5.7	5.87	5.96					4	5.773	.178	5.96	5.56	
	WYDEQ A/C Bal. %	1.86	-1.74	-.5	1.93					2	1.895	.049	1.93	1.86	
	CALC TDS mg/l	344.5	323.1	342.05	359.63					4	342.32	14.987	359.63	323.1	
	TDS A/C BAL	102.18	107.09	99.99	104					4	103.315	3.004	107.09	99.99	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM11

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	220	220	220	224					4	221.000	2.000	224	220	1
	Mg	35	33	28	35					4	32.750	3.304	35	28	1
	Na	360	372	358	390					4	370.000	14.697	390	358	1
	K	13	12	12	9					4	11.500	1.732	13	9	1
	CO3	1.5								1	1.500	.000	1.5	1.5	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	1350	1390	1300	1370					4	1352.50	38.622	1390	1300	10
	Cl [2]	11	11	10	12	11.7	13.1	13.3	13.2	4	12.825	.754	13.3	11.7	1
	NH4 (N)	.3								1	.300	.000	.3	.3	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	-.1								0					.1
	SIO2	4.4								1	4.400	.000	4.4	4.4	.1
	TDS @ 180C	2130	2060	2190	2140					4	2130.00	53.541	2190	2060	10
	Cond (umho/cm)[2]	2530	2560	2380	2510	2639	2606	2610	2606	4	2615.25	15.945	2639	2606	1
	Alk-CaCO3 [2]	67.5	67.5	75	85	75.1	60.4	74.4	84.1	4	73.500	9.787	84.1	60.4	1
	pH (units)[2]	8.91	8.67	8.64	8.48	8.9	8.3	8.5	8.5	4	8.675	.177	8.91	8.48	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	-.001	-.001	-.001					1	.003	.000	.003	.003	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	.16								1	.160	.000	.16	.16	.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	.05								1	.050	.000	.05	.05	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.004	.011	-.001	-.001					2	.008	.005	.011	.004	.001
	Ra226	2.1	-.5	3.4	-2.2					2	2.750	.919	3.4	2.1	.1
Q.A. DATA: by CORE	Anion meq:	29.78	30.62	28.87	30.58					4	29.963	.825	30.62	28.87	
	Cation meq:	29.9	30.23	29.21	31.3					4	30.160	.871	31.3	29.21	
	WYDEQ A/C Bal. %	-.2	.64	-.59	-1.17					1	.640	.000	.64	.64	
	CALC TDS mg/l	2034.58	2079.18	1973.75	2091.85					4	2044.84	53.380	2091.85	1973.75	
	TDS A/C BAL	104.67	99.08	110.96	102.3					4	104.253	5.024	110.96	99.08	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM12

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	06-AUG-96 CR	21-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	180	195	210	188					4	193.250	12.738	210	180	1
	Mg	28	28	29	29					4	28.500	.577	29	28	1
	Na	369	394	373	420					4	389.000	23.395	420	369	1
	K	10	8	7	7					4	8.000	1.414	10	7	1
	CO3	-1								0					1
	HCO3	140								1	140.000	.000	140	140	5
	SO4	1200	1320	1300	1330					4	1287.50	59.652	1330	1200	10
	Cl [2]	9	6	9	9	8.8	10.3	10.6	10.8	4	10.125	.907	10.8	8.8	1
	NH4 (N)	.4								1	.400	.000	.4	.4	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	-.1								0					.1
	SIO2	4.6								1	4.600	.000	4.6	4.6	.1
	TDS @ 180C	2012	2020	1990	2050					4	2018.00	24.819	2050	1990	10
	Cond (umho/cm)[2]	2450	2450	2310	2360	2539	2555	2551	2554	4	2549.75	7.365	2555	2539	1
	Alk-CaCO3 [2]	115	115	110	112.5	108.9	95.2	115.2	111.9	4	107.800	8.785	115.2	95.2	1
	pH (units)[2]	8.14	7.89	8.15	7.96	8.2	7.7	7.9	7.9	4	8.035	.130	8.15	7.89	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	.002	-.001	-.001	-.001					1	.002	.000	.002	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	.27								1	.270	.000	.27	.27	.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.001	.003					2	.002	.001	.003	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.001	-.001	-.001					2	.004	.004	.006	.001	.001
	Ra226	1.6	1.7	20 *	2.1					3	1.800	.265	2.1	1.6	.1
Q.A. DATA: by CORE	Anion meq:	27.55	29.97	29.54	30.21					4	29.318	1.210	30.21	27.55	
	Cation meq:	27.63	29.42	29.31	30.26					4	29.155	1.102	30.26	27.63	
	WYDEQ A/C Bal. %	-.14	.93	.38	-.07					2	.655	.389	.93	.38	
	CALC TDS mg/l	1870.75	2021.15	1995.1	2051.63					4	1984.66	79.375	2051.63	1870.75	
	TDS A/C BAL	107.55	99.94	99.74	99.92					4	101.788	3.843	107.55	99.74	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6SM13

SHALLOW ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	21-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	07-AUG-96 CR	20-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	110	110	90	107					4	104.250	9.605	110	90	1
	Mg	17	15	15	15					4	15.500	1.000	17	15	1
	Na	352	356	351	380					4	359.750	13.672	380	351	1
	K	6	6	5	5					4	5.500	.577	6	5	1
	CO3	-1								0					1
	HCO3	85.4								1	85.400	.000	85.4	85.4	5
	SO4	1010	858	960	950					4	944.50	63.359	1010	858	10
	Cl [2]	10	11	10	10	10.5	11.9	11.7	11.7	4	11.450	.640	11.9	10.5	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.8								1	3.800	.000	3.8	3.8	.1
	TDS @ 180C	1550	1530	1600	1560					4	1560.00	29.439	1600	1530	10
	Cond (umho/cm) [2]	1990	2040	2110	1970	2112	2079	2129	2059	4	2094.75	31.606	2129	2059	1
	Alk-CaCO3 [2]	70	75	75	70	67	70.2	70.7	72.4	4	70.075	2.256	72.4	67	1
	pH (units) [2]	8.36	8.23	8.38	8.25	8.4	8.1	8.2	8.1	4	8.305	.076	8.38	8.23	0-14
TRACE METALS mg/l	Al	.14								1	.140	.000	.14	.14	.05
	Arsenic	.001	-.001	-.001	.001					2	.001	.000	.001	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	.18								1	.180	.000	.18	.18	.05
	Hg	-.0002								0					.0002
	Mo	.07								1	.070	.000	.07	.07	.05
	Ni	.06								1	.060	.000	.06	.06	.05
	Se	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.001	.001	.003					3	.002	.001	.003	.001	.001
	Ra226	-1.4	1.4	-1.7	-1					1	1.400	.000	1.4	1.4	.1
Q.A. DATA: by CORE	Anion meq:	22.72	19.68	21.78	21.47					4	21.413	1.271	22.72	19.68	
	Cation meq:	22.37	22.38	21.14	23.25					4	22.285	.868	23.25	21.14	
	WYDEQ A/C Bal. %	.77	-6.41	1.5	-3.97					2	1.135	.516	1.5	.77	
	CALC TDS mg/l	1551.5	1401.75	1476.75	1509.7					4	1484.93	63.327	1551.5	1401.75	
	TDS A/C BAL	99.9	109.15	108.35	103.33					4	105.183	4.363	109.15	99.9	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM1

DEEP ZONE BASELINE WELL

	Sample Date	11-APR-96	23-APR-96	08-MAY-96	21-MAY-96	10-APR-96	22-APR-96	07-MAY-96	20-MAY-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	10.1	10	10	9					4	9.775	.519	10.1	9	1
	Mg	.9	1	1	1					4	.975	.050	1	.9	1
	Na	166	168	163	158					4	163.750	4.349	168	158	1
	K	3.5	3	3	2					4	2.875	.629	3.5	2	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	104								1	104.000	.000	104	104	5
	SO4	269	290	270	252					4	270.25	15.543	290	252	10
	Cl [2]	9	5	7	7.5	7.3	7.5	7.3	7.4	4	7.375	.096	7.5	7.3	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	504	520	512	504					4	510.00	7.659	520	504	10
	Cond (umho/cm)[2]	793	789	788	809	772	781	805	779	4	784.25	14.361	805	772	1
	Alk-CaCO3 [2]	90	95	97.5	92.5	85.3	89.4	91.8	90.5	4	89.250	2.810	91.8	85.3	1
	pH (units)[2]	8.48	8.71	8.71	8.36	8.5	8.7	8.6	8.4	4	8.565	.174	8.71	8.36	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.003	-.001	.005	.002					3	.003	.002	.005	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.1								0					.05
	Ni	.06								1	.060	.000	.06	.06	.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	-.001	-.001					0					.001
	Ra226	2.8	.1	.1	2.6					4	1.400	1.503	2.8	.1	.1
Q.A. DATA: by CORE	Anion meq:	7.66	8.08	7.77	7.31					4	7.705	.318	8.08	7.31	
	Cation meq:	7.89	7.96	7.75	7.45					4	7.763	.226	7.96	7.45	
	WYDEQ A/C Bal. %	-1.48	.73	.16	-.97					2	.445	.403	.73	.16	
	CALC TDS mg/l	517.7	534.95	513.48	485.93					4	513.02	20.305	534.95	485.93	
	TDS A/C BAL	97.35	97.21	99.71	103.72					4	99.498	3.040	103.72	97.21	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM2

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	11-APR-96 COR	23-APR-96 COR	08-MAY-96 COR	21-MAY-96 COR	10-APR-96 CR	22-APR-96 CR	07-MAY-96 CR	20-MAY-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	20.1	23	21	20					4	21.025	1.391	23	20	1
	Mg	1.7	2	2	2					4	1.925	.150	2	1.7	1
	Na	219	215	221	222					4	219.250	3.096	222	215	1
	K	4.7	4	4	3					4	3.925	.699	4.7	3	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	85								1	85.000	.000	85	85	5
	SO4	440	460	450	430					4	445.00	12.910	460	430	10
	Cl [2]	6	3	4	5	5.6	5.9	5.6	5.9	4	5.750	.173	5.9	5.6	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.2								1	4.200	.000	4.2	4.2	.1
	TDS @ 180C	752	768	748	752					4	755.00	8.869	768	748	10
	Cond (umho/cm)[2]	1110	1100	1120	1120	1094	1113	1149	1116	4	1118.00	22.847	1149	1094	1
	Alk-CaCO3 [2]	75	75	78	77.5	71.1	71.2	73.5	72.5	4	72.075	1.144	73.5	71.1	1
	pH (units)[2]	8.83	8.99	8.98	8.85	8.8	9	8.9	8.6	4	8.913	.084	8.99	8.83	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.006	.002	.004	.002					4	.004	.002	.006	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.1								0					.05
	Ni	-.05								0					.05
	Se	-.001	.002	-.001	.002					2	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	-.001	-.001					0					.001
	Ra226	8.2	.4	1.5	2.1					4	3.050	3.505	8.2	.4	.1
Q.A. DATA: by CORE	Anion meq:	10.84	11.17	11.05	10.65					4	10.928	.230	11.17	10.65	
	Cation meq:	10.79	10.77	10.93	10.9					4	10.848	.079	10.93	10.77	
	WYDEQ A/C Bal. %	.22	1.83	.54	-1.14					3	.863	.852	1.83	.22	
	CALC TDS mg/l	741.45	752.75	749.58	729.28					4	743.27	10.468	752.75	729.28	
	TDS A/C BAL	101.42	102.03	99.79	103.12					4	101.590	1.391	103.12	99.79	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM3-2

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	23-APR-96 COR	14-JUN-96 COR	11-JUL-96 COR	24-JUL-96 COR	23-APR-96 CR	13-JUN-96 CR	11-JUL-96 CR	24-JUL-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	3	19	20	20					4	15.500	8.347	20	3	1
	Mg	3	3	3	3					4	3.000	.000	3	3	1
	Na	220	214	211	219					4	216.000	4.243	220	211	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	88.5								1	88.500	.000	88.5	88.5	5
	SO4	460	480	440	457					4	459.25	16.399	480	440	10
	Cl [2]	3	5	4.5	6	5.5	5.5	5.5	6.8	4	5.825	.650	6.8	5.5	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	752	772	724	740					4	747.00	20.232	772	724	10
	Cond (umho/cm)[2]	1120	1120	1100	1100	1130	1131	1124	1107	4	1123.00	11.106	1131	1107	1
	Alk-CaCO3 [2]	78	77.5	80	85	76.3	74	75.8	78.4	4	76.125	1.810	78.4	74	1
	pH (units)[2]	8.94	8.66	8.43	8.5	8.8	8.5	8.5	8.3	4	8.633	.226	8.94	8.43	0-14
TRACE METALS mg/l	Al	.05								1	.050	.000	.05	.05	.05
	Arsenic	.002	-.001	.002	-.001					2	.002	.000	.002	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	.012	.001					2	.007	.008	.012	.001	.001
	Ra226	1.1	3.8	-.7	6.9					3	3.933	2.902	6.9	1.1	.1
Q.A. DATA: by CORE	Anion meq:	11.23	11.69	10.89	11.39					4	11.300	.333	11.69	10.89	
	Cation meq:	10.07	10.61	10.53	10.87					4	10.520	.333	10.87	10.07	
	WYDEQ A/C Bal. %	5.45	4.86	1.71	2.32					4	3.585	1.846	5.45	1.71	
	CALC TDS mg/l	744.88	772.28	731.3	760.85					4	752.33	17.966	772.28	731.3	
	TDS A/C BAL	100.96	99.96	99	97.26					4	99.295	1.575	100.96	97.26	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM4-2

DEEP ZONE BASELINE WELL

	Sample Date	08-MAY-96	21-MAY-96	14-JUN-96	11-JUL-96	07-MAY-96	20-MAY-96	13-JUN-96	11-JUL-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	17	18	19	20					4	18.500	1.291	20	17	1
	Mg	2	3	3	3					4	2.750	.500	3	2	1
	Na	209	222	216	212					4	214.750	5.620	222	209	1
	K	8	7	6	7					4	7.000	.816	8	6	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	79								1	79.000	.000	79	79	5
	SO4	410	430	463	440					4	435.75	22.036	463	410	10
	Cl [2]	5	5.5	4.5	5	5.6	5.8	5.6	5.5	4	5.625	.126	5.8	5.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.2								1	4.200	.000	4.2	4.2	.1
	TDS @ 180C	752	776	764	732					4	756.00	18.762	776	732	10
	Cond (umho/cm)[2]	1140	1130	1130	1110	1182	1133	1149	1162	4	1156.50	20.728	1182	1133	1
	Alk-CaCO3 [2]	75	80	80	80	79.4	74.4	73.8	73.3	4	75.225	2.819	79.4	73.3	1
	pH (units)[2]	9.41	9.13	9.01	8.88	9.2	8.9	8.9	9	4	9.108	.226	9.41	8.88	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.006	.004	-.001	.004					3	.005	.001	.006	.004	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	-.001	-.001					0					.001
	Ra226	.7	.9	.7	.4					4	.675	.206	.9	.4	.1
Q.A. DATA: by CORE	Anion meq:	10.18	10.71	11.37	10.91					4	10.793	.493	11.37	10.18	
	Cation meq:	10.31	10.98	10.75	10.65					4	10.673	.278	10.98	10.31	
	WYDEQ A/C Bal. %	-.62	-1.24	2.84	1.21					2	2.025	1.153	2.84	1.21	
	CALC TDS mg/l	700.95	734.3	760.3	735.8					4	732.84	24.372	760.3	700.95	
	TDS A/C BAL	107.28	105.68	100.49	99.48					4	103.233	3.829	107.28	99.48	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM5

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	07-MAY-96 COR	21-MAY-96 COR	14-JUN-96 COR	11-JUL-96 COR	06-MAY-96 CR	20-MAY-96 CR	13-JUN-96 CR	11-JUL-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	22	20	22	22					4	21.500	1.000	22	20	1
	Mg	5	3	3	3					4	3.500	1.000	5	3	1
	Na	232	221	219	216					4	222.000	6.976	232	216	1
	K	5	4	5	5					4	4.750	.500	5	4	1
	CO3	6								1	6.000	.000	6	6	1
	HCO3	79.3								1	79.300	.000	79.3	79.3	5
	SO4	500	430	490	440					4	465.00	35.119	500	430	10
	Cl [2]	4	4.5	5	5.5	5.5	5.8	5.7	5.5	4	5.625	.150	5.8	5.5	1
	NH4 (N)	-.1								0					.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.1								1	.100	.000	.1	.1	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	768	760	796	764					4	772.00	16.330	796	760	10
	Cond (umho/cm)[2]	1150	1190	1150	1110	1157	1149	1165	1160	4	1157.75	6.702	1165	1149	1
	Alk-CaCO3 [2]	75	77.5	85	80	75.3	74.3	74.1	76.2	4	74.975	.971	76.2	74.1	1
	pH (units)[2]	8.58	8.56	8.78	8.39	8.7	8.3	8.6	8.6	4	8.578	.160	8.78	8.39	0-14
TRACE METALS mg/l	Al	-.05								0					.05
	Arsenic	.005	.005	-.001	.002					3	.004	.002	.005	.002	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	-.001	.001	-.001					1	.001	.000	.001	.001	.001
	Ra226	2.7	1.6	.2	1.1					4	1.400	1.042	2.7	.2	.1
Q.A. DATA: by CORE	Anion meq:	12.03	10.64	12.05	10.92					4	11.410	.736	12.05	10.64	
	Cation meq:	11.73	10.96	11	10.87					4	11.140	.397	11.73	10.87	
	WYDEQ A/C Bal. %	1.25	-1.51	4.55	.24					3	2.013	2.254	4.55	.24	
	CALC TDS mg/l	818.05	729.78	795.85	740.3					4	771.00	42.711	818.05	729.78	
	TDS A/C BAL	93.88	104.14	100.02	103.2					4	100.310	4.635	104.14	93.88	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM10

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	06-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	10	8	10	10					4	9.500	1.000	10	8	1
	Mg	1	1	2	2					4	1.500	.577	2	1	1
	Na	149	170	166	168					4	163.250	9.639	170	149	1
	K	7	7	5	5					4	6.000	1.155	7	5	1
	CO3	9								1	9.000	.000	9	9	1
	HCO3	95								1	95.000	.000	95	95	5
	SO4	264	295	300	298					4	289.25	16.958	300	264	10
	Cl [2]	6	6	6	8	6.7	7.8	7.8	7.8	4	7.525	.550	7.8	6.7	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.2								1	.200	.000	.2	.2	.1
	SIO2	3.9								1	3.900	.000	3.9	3.9	.1
	TDS @ 180C	538	534	546	564					4	545.50	13.304	564	534	10
	Cond (umho/cm)[2]	831	832	800	825	865	844	850	846	4	851.25	9.500	865	844	1
	Alk-CaCO3 [2]	97.5	95	95	92.5	95	92.4	91.5	95.1	4	93.500	1.828	95.1	91.5	1
	pH (units)[2]	9	9	9.06	8.82	9.1	8.9	8.9	8.9	4	8.970	.104	9.06	8.82	0-14
TRACE METALS mg/l	Al	.08								1	.080	.000	.08	.08	.05
	Arsenic	.005	.002	.003	.001					4	.003	.002	.005	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.08								1	.080	.000	.08	.08	.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.002	-.001					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	.01								1	.010	.000	.01	.01	.01
RADIOMETRIC pCi/l	U (mg/l)	.001	.001	.001	.004					4	.002	.002	.004	.001	.001
	Ra226	.9	2.6	-1.7	33					3	12.167	18.062	33	.9	.1
Q.A. DATA: by CORE	Anion meq:	7.62	8.21	8.32	8.28					4	8.108	.328	8.32	7.62	
	Cation meq:	7.24	8.05	8.01	8.1					4	7.850	.408	8.1	7.24	
	WYDEQ A/C Bal. %	2.54	.99	1.88	1.13					4	1.635	.719	2.54	.99	
	CALC TDS mg/l	500.38	544.95	546.95	547.43					4	534.93	23.057	547.43	500.38	
	TDS A/C BAL	107.52	97.99	99.83	103.03					4	102.093	4.175	107.52	97.99	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM11

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	10-JUL-96 COR	23-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	10-JUL-96 CR	23-JUL-96 CR	05-AUG-96 CR	19-AUG-96 CR	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
MAJOR IONS mg/l	Ca	2	3	4	4					4	3.250	.957	4	2	1
	Mg	-1	-1	-1	-1					0					1
	Na	133	128	134	129					4	131.000	2.944	134	128	1
	K	41	36	30	24					4	32.750	7.365	41	24	1
	CO3	108								1	108.000	.000	108	108	1
	HCO3	46								1	46.000	.000	46	46	5
	SO4	120	110	128	119					4	119.25	7.365	128	110	10
	Cl[2]	6	6	7	8	7.5	8.6	8.7	8.7	4	8.375	.585	8.7	7.5	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.5								1	.500	.000	.5	.5	.1
	SIO2	4.9								1	4.900	.000	4.9	4.9	.1
	TDS @ 180C	464	458	424	410					4	439.00	26.153	464	410	10
	Cond (umho/cm)[2]	782	727	677	674	827	776	726	696	4	756.25	57.564	827	696	1
	Alk-CaCO3[2]	218	210	203	195	232.9	219.7	203.3	199.3	4	213.800	15.493	232.9	199.3	1
	pH (units)[2]	10.08	10	9.98	9.72	10.4	10	9.9	9.8	4	9.945	.156	10.08	9.72	0-14
TRACE METALS mg/l	Al	.34								1	.340	.000	.34	.34	.05
	Arsenic	.003	.002	.001	-.001					3	.002	.001	.003	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	.002	-.001					1	.002	.000	.002	.002	.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.006	.001	-.001	.001					3	.003	.003	.006	.001	.001
	Ra226	0	-1.9	-1.7	-2.2					1	.000	.000	0	0	.1
Q.A. DATA: by CORE	Anion meq:	7.03	6.66	6.92	6.6					4	6.803	.206	7.03	6.6	
	Cation meq:	6.93	6.64	6.8	6.42					4	6.698	.220	6.93	6.42	
	WYDEQ A/C Bal. %	.68	.17	.94	1.38					4	.793	.506	1.38	.17	
	CALC TDS mg/l	439.88	411.1	426.83	402.95					4	420.19	16.448	439.88	402.95	
	TDS A/C BAL	105.48	111.41	99.34	101.75					4	104.495	5.257	111.41	99.34	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM12

DEEP ZONE BASELINE WELL

	Sample Date	10-JUL-96	24-JUL-96	07-AUG-96	21-AUG-96	10-JUL-96	23-JUL-96	06-AUG-96	21-AUG-96	No of Samples[1]	Mean[1]	Std. Dev.[1]	Maximum[1]	Minimum[1]	Det. Limit
	Laboratory	COR	COR	COR	COR	CR	CR	CR	CR						
MAJOR IONS mg/l	Ca	4	3	4	3					4	3.500	.577	4	3	1
	Mg	-1	-1	-1	-1					0					1
	Na	108	115	114	114					4	112.750	3.202	115	108	1
	K	4	4	4	4					4	4.000	.000	4	4	1
	CO3	3								1	3.000	.000	3	3	1
	HCO3	113								1	113.000	.000	113	113	5
	SO4	127	124	130	130					4	127.75	2.872	130	124	10
	Cl [2]	7	6	7	8	6.4	8.2	8.2	8.4	4	7.800	.938	8.4	6.4	1
	NH4 (N)	.1								1	.100	.000	.1	.1	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.4								1	.400	.000	.4	.4	.1
	SIO2	4.3								1	4.300	.000	4.3	4.3	.1
	TDS @ 180C	336	314	330	338					4	329.50	10.878	338	314	10
	Cond (umho/cm)[2]	542	529	501	506	548	543	542	545	4	544.50	2.646	548	542	1
	Alk-CaCO3 [2]	97.5	125	125	125	122.3	103.3	121.6	122.5	4	117.425	9.425	122.5	103.3	1
	pH (units)[2]	8.4	8.64	9.03	8.92	8.9	8.6	8.8	8.8	4	8.748	.284	9.03	8.4	0-14
TRACE METALS mg/l	Al	.06								1	.060	.000	.06	.06	.05
	Arsenic	.002	-.001	.001	-.001					2	.002	.001	.002	.001	.001
	Ba	-.05								0					.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	-.05								0					.05
	Fe	-.05								0					.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	-.05								0					.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	-.001	.001	-.001	-.001					1	.001	.000	.001	.001	.001
	Ra226	.9	.5	-1.7	-1					2	.700	.283	.9	.5	.1
Q.A. DATA: by CORE	Anion meq:	4.79	5.25	5.41	5.43					4	5.220	.298	5.43	4.79	
	Cation meq:	5	5.25	5.26	5.21					4	5.180	.122	5.26	5	
	WYDEQ A/C Bal. %	-2.1	0	1.37	2.11					3	1.160	1.071	2.11	0	
	CALC TDS mg/l	313.78	328.25	335.25	335.25					4	328.13	10.121	335.25	313.78	
	TDS A/C BAL	107.08	95.66	98.43	100.82					4	100.498	4.869	107.08	95.66	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

1 STATISTICS BASED ON DETECTABLE LIMITS

2 NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.

PROJECT: CHRISTENSEN RANCH - MINE UNIT #6

WELL ID: 6DM13

DEEP ZONE BASELINE WELL

	Sample Date / Laboratory	11-JUL-96 COR	24-JUL-96 COR	07-AUG-96 COR	20-AUG-96 COR	11-JUL-96 CR	24-JUL-96 CR	07-AUG-96 CR	19-AUG-96 CR	No of Samples [1]	Mean [1]	Std. Dev. [1]	Maximum [1]	Minimum [1]	Det. Limit
MAJOR IONS mg/l	Ca	6	6	6	6					4	6.000	.000	6	6	1
	Mg	-1	1	1	1					3	1.000	.000	1	1	1
	Na	124	133	139	142					4	134.500	7.937	142	124	1
	K	3	3	2	2					4	2.500	.577	3	2	1
	CO3	12								1	12.000	.000	12	12	1
	HCO3	204								1	204.000	.000	204	204	5
	SO4	100	113	130	109					4	113.00	12.570	130	100	10
	Cl [2]	5	7	6	7	6.7	7.5	7.9	7.9	4	7.500	.566	7.9	6.7	1
	NH4 (N)	.2								1	.200	.000	.2	.2	.1
	NO2 (N)	-.05								0					.05
	NO3 (N)	-.05								0					.05
	F	.8								1	.800	.000	.8	.8	.1
	SIO2	37.2								1	37.200	.000	37.2	37.2	.1
	TDS @ 180C	390	378	408	408					4	396.00	14.697	408	378	10
	Cond (umho/cm)[2]	607	624	649	620	629	634	646	638	4	636.75	7.182	646	629	1
	Alk-CaCO3 [2]	188	180	190	195	189.2	192	193	192.1	4	191.575	1.646	193	189.2	1
	pH (units)[2]	9.23	8.49	8.76	8.44	9.2	8.7	8.6	8.5	4	8.730	.362	9.23	8.44	0-14
TRACE METALS mg/l	Al	24.2								1	24.200	.000	24.2	24.2	.05
	Arsenic	.003	-.001	-.001	-.001					1	.003	.000	.003	.003	.001
	Ba	.1								1	.100	.000	.1	.1	.05
	B	-.1								0					.1
	Cd	-.05								0					.05
	Cr	-.05								0					.05
	Cu	.07								1	.070	.000	.07	.07	.05
	Fe	4.84								1	4.840	.000	4.84	4.84	.05
	Pb	-.005								0					.005
	Mn	-.05								0					.05
	Hg	-.0002								0					.0002
	Mo	.09								1	.090	.000	.09	.09	.05
	Ni	-.05								0					.05
	Se	-.001	-.001	-.001	-.001					0					.001
	V	-.05								0					.05
	Zn	-.01								0					.01
RADIOMETRIC pCi/l	U (mg/l)	.035	.001	-.001	.001					3	.012	.020	.035	.001	.001
	Ra226	2.6	-1	-1.7	-2.2					1	2.600	.000	2.6	2.6	.1
Q.A. DATA: by CORE	Anion meq:	5.98	6.15	6.68	6.37					4	6.295	.302	6.68	5.98	
	Cation meq:	5.77	6.24	6.48	6.61					4	6.275	.370	6.61	5.77	
	WYDEQ A/C Bal. %	1.84	-.74	1.51	-1.85					2	1.675	.233	1.84	1.51	
	CALC TDS mg/l	389.88	372.8	399.9	385.95					4	387.13	11.216	399.9	372.8	
	TDS A/C BAL	100.03	101.39	102.03	105.71					4	102.290	2.428	105.71	100.03	

* INDICATES STATISTICAL OUTLIERS

NEGATIVE VALUES INDICATE LESS THAN DETECTION LIMIT

[1] STATISTICS BASED ON DETECTABLE LIMITS

[2] NOTE: CL,COND,ALK FROM CORE LAB DATA AND pH FROM CR LAB DATA NOT USED IN STATISTICAL CALCULATIONS.