U Umetco Minerals Corporation

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September 26, 2014

Mr. Dominic Orlando, Senior Project Manager Decommissioning and Uranium Licensing Directorate Division of Waste Management and Environmental Protection Office of Federal and State Materials and Environmental Management Programs U.S. Nuclear Regulatory Commission Mail Stop T-8F5 11545 Rockville Pike Rockville, Maryland 20852

Subject: Nuclear Regulatory Commission Annual Report Umetco Minerals Corporation Gas Hills, Wyoming Site For the report period July 2013 through June 2014

Reference: License SUA-648, Docket No. 40-0299

Dear Mr. Orlando,

Umetco Minerals Corporation hereby submits two copies of the Gas Hills, Wyoming, Site Annual Report prepared in accordance with License SUA-648. This document is submitted in accordance with License Conditions 10B, 16, 32, 35, and 39 for the above report period.

If you, or your staff, have any questions, please call me at (970) 256-8889.

Sincerely,

Shiel.

Thomas E. Gieck Reclamation Leader

Enclosures

cc:

NRC Region IV (Arlington, TX) Wyoming Department of Environmental Quality (Lander) Bureau of Land Management (Casper Field Office) Bureau of Land Management (Lander Field Office)

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U.S. Nuclear Regulatory Commission

Annual Report for Gas Hills, Wyoming

July 2013 through June 2014

License SUA-648 Docket Number 40-0299

Umetco Minerals Corporation 2754 Compass Drive, Suite 280 Grand Junction, Colorado 81506

September 2014

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1.0 INTRODUCTION

This document is submitted in accordance with U.S. Nuclear Regulatory Commission (NRC) License No. SUA-648 Amendment Number 70 (dated March 11, 2014), Conditions 10B, 16, 32, 35 and 39, Docket Number 40-0299, for the former uranium mill site at Gas Hills, Wyoming. The report includes the Umetco Minerals Corporation (Umetco) organizational structure, environmental monitoring report, land use survey and groundwater monitoring review for the period between July 1, 2013 and June 30, 2014. A copy of this annual report is retained at the Umetco office in Grand Junction, Colorado, and is available for NRC review.

2.0 ORGANIZATIONAL CHART

In accordance with License Condition 10B, the authority and responsibilities of each management level for Umetco are presented in Table 2.1 and are described below. Because reclamation of the site has been completed, Umetco has no on-site employees.

Umetco is a wholly owned subsidiary of Union Carbide Corporation which is a wholly owned subsidiary of The Dow Chemical Company (Dow).

The President of Umetco is responsible for all practices and decisions made by the personnel reporting to her and reports to the Vice President of Environmental, Health and Safety at Dow.

The Remediation Leader reports to the President of Umetco and provides site management.

Umetco has retained the services of a management contractor who is responsible for compliance with the operational, health, radiation, safety and environmental practices and standards, and conducts site maintenance and environmental monitoring. The management contractor is responsible for the day-to-day operating decisions at the site. The contractor reports to the Remediation Leader.

The Radiation Safety Officer/Environmental Coordinator is responsible for conducting activities that ensure the site radiation safety program meets applicable standards. This involves monitoring, evaluating personnel exposure and area surveys, overseeing the radiation protection program, providing appropriate training, maintaining monitoring equipment and reporting. The Radiation Safety Officer/Environmental Coordinator develops and coordinates procedure modifications for radiological protection and As Low As Reasonably Achievable (ALARA) policy adherence. The Radiation Safety Officer/Environmental Coordinator is authorized to address concerns to the President of Umetco and the Remediation Leader.

Umetco submitted a request for approval of a new Radiation Safety Officer on August 13, 2014. This correspondence is attached in Appendix A. NRC approval has not been received to date.

 Table 2.1
 2014 Organizational Chart for Umetco Minerals Corporation



3.0 ALARA AUDIT

As required by License Condition 16, an ALARA audit was performed in December 2013. The 2014 audit is scheduled for December 2014. A copy of the annual ALARA audit report is retained at the Umetco office in Grand Junction, Colorado, and is available for NRC review.

Reclamation of the site has reduced radiation exposures to essentially background levels. The dose to a member of the general public is based on historical data which indicate that radon-222 levels are below background levels. Gamma dose to the public historically has been approximately 58 millirems, which is below the 100 millirem standard.

4.0 ANNUAL LAND USE SURVEY

The annual land use survey was prepared in accordance with License Condition 32. Mining, mine reclamation, mineral exploration (for oil and gas and uranium), recreational use and seasonal grazing are the primary land uses within the five-mile Land Use Survey radius of the Gas Hills site. No changes in land use have occurred within the survey area since the 2013 annual report was submitted.

The following sections document current land uses.

4.1 **Private Residences**

The East Gas Hills site is located in a sparsely populated area within Natrona and Fremont counties in central Wyoming. The majority of the land within five miles of the site is public domain under Bureau of Land Management (BLM) jurisdiction.

The nearest residence, the JE Ranch, is approximately five miles northeast of the site. A metal building with small living quarters is occupied for one to two weeks per year as a base camp for hunters and ranch personnel. The nearest full-time residents are located approximately eight miles to the west-southwest at the Puddle Spring Ranch.

4.2 Grazing

Cattle are the primary livestock in the area and normally graze between April and October. Sheep have been observed grazing to the south of the site. Native grazing species include antelope, deer and elk.

4.3 Water Rights

The results of a search of the Wyoming State Engineer's Office e-Permit database for groundwater and surface water rights within the five-mile survey radius of the East Gas Hills site is given in Appendix B. The table in Appendix B does not include any cancelled or abandoned water rights. No new water rights have been granted since 2012.

4.4 Other Operations

Umetco has one permitted mine (Rattlesnake Quarry) within the five-mile survey radius of the Gas Hills site. The Rattlesnake Quarry has been active in the past and produced rock for the reclamation activities at the East Gas Hills site. Umetco last operated the quarry in October 2011.

Cameco Resources is in the final permitting stage of its Gas Hills *In Situ* Recovery Uranium Project, located approximately 2.5 miles south of the East Gas Hills site. The BLM Lander Field Office has reviewed the Record of Decision (ROD) and approved the Plan of Operations.

Energy Fuels Resources (USA) Inc., formerly Strathmore Minerals Corporation, terminated its Lower Gas Hills open pit/heap leach uranium mine project and request for an NRC materials license in the spring of 2014.

The SourceGas compressor station, located approximately 2.5 miles north of the East Gas Hills site, is still in use.



5.0 GROUNDWATER MONITORING REVIEW

Groundwater monitoring was performed in accordance with the *Groundwater Monitoring Plan*, *Appendix M*, dated March 2002, revised October 2011, as required by License Condition 35A. The October 2011 revision to Appendix M, authorized by License Amendment 66 dated November 22, 2011, changed the sampling frequency to annual and deleted monitoring of Non-Point of Compliance Well PW4, which was later abandoned in May 2012.

5.1 Alternate Concentration Limit Constituent Sampling in Point of Compliance Wells

The Point of Compliance (POC) wells – Western Flow Regime wells MW1 and MW21A and Southwestern Flow Regime wells GW7 and GW8, shown on Figure 1 – were sampled for the Alternate Concentration Limit (ACL) constituents identified in License Conditions 35B and 35C. The annual sampling of the POC wells occurred in June 2014. The analytical results are shown in Tables 5.1 and 5.2.

Concentration trend plots for the ACL constituents were developed for the POC wells. The ACL concentration trend plots for MW1 and MW21A (Western Flow Regime) are shown in Figures 2 through 9. The ACL concentration trend plots for GW7 and GW8 (Southwestern Flow Regime) are shown in Figures 10 through 17. The ACL value for each constituent is indicated in the applicable concentration plots for comparison. No constituents exceeded the ACL values during the past year.

As required by License Condition 35A, water levels were measured in all the wells and a groundwater contour map is provided in Figure 18. Hydrographs for Western Flow Regime POC and non-POC wells are shown on Figure 19. The Southwestern Flow Regime hydrographs are given on Figure 20.

Analyte	Units	ACL	MW1	MW21A
Arsenic	mg/L	1.8	0.0012	0.0542
Beryllium	mg/L	1.64	0.00073	0.02396
Lead-210	pCi/L	35.4	0.91 ± 0.62	0.04 ± 0.75
Nickel	mg/L	13.0	0.328	0.636
Radium-226 + -228	pCi/L	250	2.6 ± 0.7	29 ± 1.4
Selenium	mg/L	0.161	0.086	0.0001
Thorium-230	pCi/L	57.4	0.23 ± 0.11	0.08 ± 0.07
Natural Uranium	mg/L	11.9	4.260	0.0029

Table 5.1Point of Compliance Well Sampling Results for the Western Flow Regime,
Collected on June 18, 2014, at MW1 and June 4, 2014, at MW21A

mg/L – milligrams per liter

pCi/L – picocuries per liter

	,			
Analyte	Units	ACL	GW7	GW8
Arsenic	mg/L	1.36	0.0211	0.0421
Beryllium	mg/L	1.70	0.03352	0.1111
Lead-210	pCi/L	189	12 ± 0.78	40 ± 1.5
Nickel	mg/L	9.34	0.750	1.300
Radium-226 + -228	pCi/L	353	299.8 ± 2.6	86 ± 1.3
Selenium	mg/L	0.53	0.0009	0.0005
Thorium-230	pCi/L	44.8	0.67 ± 0.15	0.8 ± 0.16
Natural Uranium	mg/L	34.1	13.10	7.110
mg/L – milligrams per lit	ter	pCi/L – picc	ocuries per liter	

Table 5.2	Point of Compliance Well Sampling Results for the Southwestern Flow
	Regime, Collected on June 18, 2014

5.2 Model Validation Sampling

As required by Table M-1 of Appendix M, the non-POC wells and POC wells MW21A and GW7 were sampled for chloride, sulfate and natural uranium in June 2014. The analytical results are shown in Tables 5.3 and 5.4.

Monitor	Sampling	Analyte (milligrams per liter)			
Location	Date	Chloride	Sulfate	Natural Uranium ⁽¹⁾	
MW1 ⁽²⁾	6-18-14	37.5	1530	4.260	
MW21A	6-4-14	135	2380	0.0029	
MW25	6-18-14	69	2570	0.0102	
MW28 ⁽³⁾	6-17-14	115	1940	0.0014	
MWI64	6-3-14	12.5	354	0.2396	
MW70A	6-4-14	164	2600	2.840	
MW71B ⁽³⁾	6-17-14	62.3	966	0.0042	
MW77	6-17-14	9.9	852	0.0008	
Iron Springs	6-2-14	15	715	0.1963	

Table 5.3 Model Validation Sampling Results for the Western Flow Regime Wells

⁽¹⁾ There are no action levels for natural uranium at the non-POC wells.

⁽²⁾ Although not required by Appendix M, MW1 was sampled for model validation constituents.

⁽³⁾ MW28 and MW71B are model validation wells for the Western Flow Regime.

Monitor	Sampling	Analyte (milligrams per liter)		
Location	Date	Chloride	Sulfate	Natural Uranium ⁽¹⁾
GW7	6-18-14	281	1120	13.10
GW8 ⁽²⁾	6-18-14	283	1860	7.110
MW72 ⁽³⁾	6-17-14	211	1090	0.4211
MW82 ⁽³⁾	6-17-14	65.9	763	0.0912

 Table 5.4
 Model Validation Sampling Results for the Southwestern Flow Regime Wells

⁽¹⁾ There are no action levels for natural uranium in non-POC wells.

⁽²⁾ Although not required by Appendix M, GW8 was sampled for model validation constituents.

⁽³⁾ MW72 and MW82 are model validation wells for the Southwestern Flow Regime.

Concentration trend plots of chloride, sulfate and natural uranium for wells in the Western Flow Regime are shown on Figures 21 through 23. Concentration trend plots of chloride, sulfate and natural uranium for wells in the Southwestern Flow Regime are shown on Figures 24 through 26. Isoconcentration maps for chloride, sulfate and natural uranium are given on Figures 27 through 30.

Table 5.5 compares the chloride and sulfate results of the four groundwater model validation wells (MW28, MW71B, MW72 and MW82) to the target level concentrations derived from the figures in the December 2011 revision of *Attachment M-1*, *Target Level Derivation and Model Validation Approach for Chloride and Sulfate* in Appendix M, *Groundwater Monitoring Plan*. As allowed by Section 4.1 of Appendix M, the target levels have also been shown at their appropriate significant figures.

Model	Chloride Concentration	n (mg/L)	Sulfate Concentration	(mg/L)
Validation Well	Target Value at 2 Significant Figures ^(1,2)	Actual	Target Value at 3 Significant Figures ^(1, 2)	Actual
MW28	110	115	2070	1940
MW71B	94	62.3	1620	966
MW72	150	211	1690	1090
MW82	110	65.9	1620	763

Table 5.5Comparison of June 2014 Chloride and Sulfate Target Level Concentrations at
the Model Validation Wells versus Actual Concentrations

mg/L – milligrams per liter

Bold indicates exceedance

⁽¹⁾ Target concentrations were derived from the simulation figures in the December 2011 revision of Attachment M-1, *Target Level Derivation and Model Validation Approach for Chloride and Sulfate* in Appendix M, *Groundwater Monitoring Plan.* The target values are given in Tables 2 to 5 of Attachment M-1.

⁽²⁾ Target value presented with appropriate number of significant figures as provided for in Section 4.1 of Appendix M.

As seen in Table 5.5, the chloride concentrations in MW28 and MW72 are 115 mg/L and 211 mg/L, respectively, which exceed the June 2014 target values at two significant figures for those wells. These wells will not be resampled, as required by Appendix M, since ACL sampling is being performed at the model validation wells as detailed in Section 5.3. Sampling the ACL constituents at the model validation wells represents a more rigorous approach than using chloride and sulfate as a proxy for the ACL constituents.

The target levels and actual results for the 2002 to 2014 timeframe are shown in Figures 30 through 37.

5.3 Alternate Concentration Limit Constituent Sampling in All Monitor Wells

As recommended by the NRC in the letters dated September 24, 2012, and March 11, 2014, Umetco continued to sample all the monitor wells for the ACL constituents. Sampling was performed in June 2014 in conjunction with the license-required annual sampling event. Table 5.6 gives brief description of the correspondences, between Umetco and NRC, and activities relating to the evaluation of the groundwater model and the recommendations for the supplemental sampling.

Date	Author	Activity
January 24, 2012	Umetco	In light of the exceedances of the target level constituents at the model validation wells and in accordance with Table M-3 in Appendix M of the ACL Application, Umetco committed to performing a detailed evaluation of the groundwater model predictions using analytical data collected since the model's submittal.
June 2012	Umetco	Performed annual groundwater monitoring in accordance with license requirements.
June 25, 2012	Umetco	Submitted technical memorandum, Gas Hills Groundwater Model and Data Review, which provided an evaluation of the target levels for groundwater model validation constituents to ensure that the model predictions of ACL constituents accurately represented current site conditions.
September 24, 2012	NRC	Review of the June 25, 2012, memorandum. NRC recommended sampling of all ACL constituents at the model validation wells until transfer of site to DOE.
October 2012	Umetco	Performed ACL constituent sampling at the four model validation wells.
March 7, 2013	Umetco	Submitted the results and evaluation of the additional ACL sampling completed at the model validation wells in October 2012.
April 24, 2013	NRC	Review of the March 7, 2013, evaluation and concurrence to include ACL constituent monitoring at monitor well MWI64.

Table 5.6	Chronology of Additional	Sampling Corres	pondences and Sam	pling Events
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Date	Author	Activity
June 2013	Umetco	Performed ACL constituent sampling at the four model validation wells and monitor well MWI64 in conjunction with license-required annual groundwater monitoring.
September 18, 2013	Umetco	Submitted the results and evaluation of the additional ACL sampling performed in the model validation wells and monitor well MWI64 in June 2013.
March 11, 2014	NRC	Review of the September 18, 2013, evaluation and provided recommendations to further evaluate the groundwater model and sample ACL constituents at all of the monitoring wells.
April 15, 2014	Umetco	Submitted a list of proposed activities for additional modeling and data collection, including sampling all monitor wells for ACL constituents.
May 8, 2014	NRC	Review and concurrence with the proposed activities.
June 2014	Umetco	Performed ACL constituent sampling at all the monitor wells in conjunction with license required annual groundwater monitoring.

Table 5.6 Chronology of Additional Sampling Correspondences and Sampling Events, continued

An evaluation of the June 2014 sampling will be submitted under a separate cover letter; however, trend plots of radium-226 plus -228 concentrations in all the wells in the Western and Southwestern flow regimes are shown on Figures 38 and 39, respectively. Radium isoconcentrations are given on Figure 40.

As noted in the 2013 Annual Report, although target levels have been exceeded in some of the model validation wells between 2012 and 2014, the supplemental sampling showed that no ACL constituents were exceeded in any of these wells. Umetco will continue to sample the Western and Southwestern Flow Regime monitor wells for the ACL constituents as recommended by NRC; however, any model validation wells that exceed the model-predicted target levels will not be resampled as they are now being sampled for the ACL constituents. This approach provides a more definitive picture of plume migration, whereas chloride and sulfate are sampled mainly as indicators of overall groundwater movement.

A summary of the results of the additional ACL sampling performed in October 2012, June 2013 and June 2014 is given in Tables 5.7 and 5.8.

Analyte	Units	ACL	Sample Date	MW25 ⁽¹⁾	MW28	MW70A ⁽¹⁾	MW71B	MW77 ⁽¹⁾	MWI64 ⁽²⁾	Iron Spring ⁽¹⁾
			October 2012		0.0096		0.0084			
Arsenic	mg/L	1.8	June 2013		0.0090		0.0067		0.0123	
			June 2014	0.2150	0.0096	0.0408	0.0064	0.0067	0.0098	0.0027
			October 2012		0.01036		0.00016			
Beryllium	mg/L	1.64	June 2013		0.00965		0.00015		0.00297	
			June 2014	0.0071	0.0106	0.035	0.00021	0.01132	0.00484	0.00515
			October 2012		2.9 ± 1.6		8.3 ± 1.8			
Lead-210	pCi/L	35.4	June 2013		4.5 ± 1.9		-7.3 ± 2		-4.3 ± 2.4	
			June 2014	-5.3 ± 1.4	3.3 ± 0.66	3.5 ± 1.4	-2.2 ± 0.65	-1.6 ± 0.56	-0.77 ±0.66	-2 ± 0.81
			October 2012		0.56		< 0.01			
Nickel	mg/L	13.0	June 2013		0.55		< 0.01		0.09	
			June 2014	2.140	0.552	1.75	< 0.01	0.531	0.078	0.146
			October 2012		156 ± 1.9		14.6 ± 0.8			
Radium-226 + -228	pCi/L	250	June 2013		199 ± 2.3		14.9 ± 1.1		15.6 ± 0.92	
1 220			June 2014	36 ± 1.5	163 ± 2.1	67 ± 1.9	14.5 ± 1.0	18.2 ± 1.3	16.7 ± 0.9	8.9 ± 0.7
			October 2012		0.0004		< 0.0001			
Selenium	mg/L	0.161	June 2013		0.0002		< 0.0001		< 0.0001	
			June 2014	0.0002	0.0002	0.0726	0.0001	< 0.0001	< 0.0001	0.0002
			October 2012		-0.15 ± 0.62		0.06 ± 0.43			
Thorium-230	pCi/L	57.4	June 2013		-0.45 ± 0.4		-0.17 ± 0.46		6.5 ± 0.92	
			June 2014	0.11 ± 0.09	0.09 ± 0.08	0.7 ± 0.16	0.05 ± 0.08	0.05 ± 0.07	0.13 ± 0.08	0.05 ± 0.07

Table 5.7 Summary of ACL Sampling Results in Non-Point of Compliance Wells in the Western Flow Regime

Analyte	Units	ACL	Sample Date	MW25 ⁽¹⁾	MW28	MW70A ⁽¹⁾	MW71B	MW77 ⁽¹⁾	MWI64 ⁽²⁾	Iron Spring ⁽¹⁾
Natural Uranium			October 2012		0.0008		0.0014			
	mg/L	11.9	June 2013	0.0045	0.0004	2.980	0.0012	0.0007	0.5255	0.0149
			June 2014	0.0102	0.0014	2.840	0.0042	0.0008	0.2396	0.1963

 Table 5.7
 Summary of ACL Sampling Results in Non-Point of Compliance Wells in the Western Flow Regime, continued

mg/L – milligrams per liter pCi/L – picocuries per liter

1 MW25, MW70A, MW77 and Iron Spring were not sampled for ACL constituents in 2012 and 2013.

2 Monitor well MWI64 was not sampled for ACL constituents in 2012.

Units ACL **MW72 MW82** Analyte **Sample Date** October 2012 0.0105 0.0040 Arsenic 1.36 June 2013 0.0072 0.0042 mg/L June 2014 0.0153 0.0041 October 2012 0.00028 0.00042 Beryllium 1.70 June 2013 0.00020 0.00041 mg/L June 2014 0.00020 0.00052 October 2012 2.1 ± 1.6 9.2 ± 1.7 Lead-210 pCi/L 189 June 2013 7.2 ± 1.9 5.2 ± 2.2 June 2014 3.3 ± 0.65 0.12 ± 0.48 October 2012 0.02 0.02 Nickel 9.34 June 2013 0.01 0.02 mg/L June 2014 < 0.008 0.027 October 2012 13.9 ± 0.68 22.1 ± 0.7 Radium-226 + -228 pCi/L 353 June 2013 14.7 ± 0.89 19.7 ± 1.3 June 2014 17.2 ± 0.9 27.1 ± 0.9 October 2012 0.0004 0.0048 Selenium 0.53 June 2013 0.0032 0.0003 mg/L June 2014 0.0026 0.0003 October 2012 -0.57 ± 0.54 0.01 ± 0.48 Thorium-230 pCi/L 44.8 June 2013 -0.44 ± 0.51 0.01 ± 0.31 June 2014 0.03 ± 0.06 -0.02 ± 0.07 October 2012 0.3066 0.0657 Natural Uranium mg/L 34.1 June 2013 0.3938 0.0773 June 2014 0.4211 0.0912 mg/L - milligrams per liter pCi/L – picocuries per liter

Table 5.8Summary of ACL Sampling Results in Non-Point of Compliance Wells in the
Southwestern Flow Regime

6.0 REFERENCES

- Nuclear Regulatory Commission. November 22, 2011. License Amendment Umetco Minerals Corporation's Request to Revise Appendix M, Groundwater Monitoring Plan for the Gas Hill Uranium Mill Tailings Site, to Modify License Condition 35D and to Eliminate License Condition 35E of License (SUA-648). License Amendment No. 66.
- Nuclear Regulatory Commission. March 11, 2014. U.S. Nuclear Regulatory Commission Staff Review of Umetco's June 2013 Groundwater Sampling Results and Evaluation and Amendment to License SUA-648 to Reflect Umetco's New Address and to Correct a Typographical Error. License Amendment No. 70.
- Nuclear Regulatory Commission. September 10, 2014. Request for Approval of Ratiation Safety Officer for Umetco's Gas Hills, Wyoming Site.
- Umetco Minerals Corporation. October 31, 2011. Request for License Amendment to License Condition 35A – Appendix M. With attachment - Application for Alternate Concentration Limits for Gas Hills, Wyoming, Appendix M - Groundwater Monitoring Plan, March 2002, Revised October 2011.
- Umetco Minerals Corporation. August 13, 2014. Administrative Amendment Request to Change RSO Designation.



























Figure 17 Natural Uranium Trends in Southwestern Flow Regime POC Wells



WESTERN FLOW REGIME

POINT OF COMPLIANCE WELLS: MW1 - 6830.82 MW21A - 6787.71

NON-POINT OF COMPLIANCE WELLS: MWI64 - 6789.55 MW70A - 6760.40 MW25 - 6740.68 MW28 - 6736.49 MW71B - 6730.11 MW77 - 6709.30

NON-POINT OF COMPLIANCE SPRING: IRON SPRING - SURFACE

SOUTHWESTERN FLOW REGIME

POINT OF COMPLIANCE WELLS: GW8 - 6800.40 GW7 - 6799.30

782.000-

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NON-POINT OF COMPLIANCE WELLS: MW72 - 6804.07 MW82 - 6771.27











Figure 23 Natural Uranium Trends in Western Flow Regime Monitor Wells











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POINT OF COMPLIANCE WELLS: MW21A - 135 mg/L MW1 - 37.5 mg/L

NON-POINT OF COMPLIANCE WELLS: MW70A - 164 mg/L MW28 - 115 mg/L MW25 - 69 mg/L MW71B - 62.3 mg/L MW164 - 12.5 mg/L MW77 - 9.9 mg/L

NON-POINT OF COMPLIANCE SPRING: IRON SPRING - 15 mg/L

Background Concentration - 13mg/L

SOUTHWESTERN FLOW REGIME

POINT OF COMPLIANCE WELLS: GW8 - 283 mg/L GW7 - 281 mg/L

NON-POINT OF COMPLIANCE WELLS: MW72 - 211 mg/L MW82 - 65.9 mg/L

Background Concentration - 118mg/L

UMETCO MINERALS CORPORATION

CHLORIDE DATA FOR

EAST GAS HILLS MONITOR WELLS

GAS HILLS, WYOMING

SEPTEMBER 2014

FIGURE 27





POINT OF COMPLIANCE WELLS: MW1 - 4.260 mg/L MW21A - 0.0029 mg/L

NON-POINT OF COMPLIANCE WELLS: NON-POINT OF COMPLIAN MW70A - 2.840 mg/L MW164 - 0.2396 mg/L MW25 - 0.0102 mg/L MW71B - 0.0042 mg/L MW77 - 0.0008 mg/L MW28 - 0.0014 mg/L

NON-POINT OF COMPLIANCE SPRING: IRON SPRING - 0.1963 mg/L

Background Concentration - 0.25mg/L

SOUTHWESTERN FLOW REGIME

POINT OF COMPLIANCE WELLS: - 13.10 mg/L - 7.110 mg/L GW7 GW8

NON-POINT OF COMPLIANCE WELLS: MW72 - 0.4211 mg/L MW82 - 0.0912 mg/L

Background Concentration - 0.81mg/L

Figure 30 Simulated Chloride Trends at MW28 (50 Years) Versus Actual Data Western Flow Regime

Umetco Minerals Corporation Gas Hills, Wyoming

Figure 32 Simulated Chloride Trends at MW72 (50 Years) Versus Actual Data Southwestern Flow Regime

Figure 33 Simulated Chloride Trends at MW82 (50 Years) Versus Actual Data Southwestern Flow Regime

Figure 34 Simulated Sulfate Trends at MW28 (50 Years) Versus Actual Data Western Flow Regime

Figure 35 Simulated Sulfate Trends at MW71B (50 Years) Versus Actual Data Western Flow Regime

Umetco Minerals Corporation Gas Hills, Wyoming

Figure 36 Simulated Sulfate Trends at MW72 (50 Years) Versus Actual Data Southwestern Flow Regime

Figure 37 Simulated Sulfate Trends at MW82 (50 Years) Versus Actual Data Southwestern Flow Regime

Umetco Minerals Corporation Gas Hills, Wyoming

Appendix A

Request for Approval of New Site Radiation Safety Officer

Letter Dated August 13, 2014

Umetco Minerals Corporation

2754 Compass Drive, Suite 280 Grand Junction, Colorado 81506-8728 (970) 245-3700

August 13, 2014

Mr. Dominic Orlando, Senior Project Manager Decommissioning and Uranium Licensing Directorate Division of Waste management and Environmental Protection Office of Federal and State materials and Environmental management Programs U.S. Nuclear Regulatory Commission Mail Stop T-8F5 11545 Rockville Pike Rockville, Maryland 20852

Reference: Radioactive Materials License SUA-648 Docket No. 40-0299 Subject: Administrative Amendment Request to Change RSO Designation

Umetco Minerals Corporation is requesting that Ms. Brittany Sandberg be approved as site Radiation Safety Officer (RSO) for the former uranium mill at Gas Hills, Wyoming, regulated by the U.S. Nuclear Regulatory Commission, Material License SUA-648. Ms. Sandberg's experience is given in the enclosed resume along with her RSO refresher training certificate which shows she meets the minimum qualifications specified in Section 2.4.1 of Regulatory Guide 8.31.

Ms. Sandberg has been working in the nuclear industry for eight years, in which time she has held various positions relating to radiation safety applications at uranium recovery facilities. As part of her duties, Ms. Sandberg has had responsibilities for nuclear density gauges, health physics monitoring, materials monitoring and radiation safety training. Ms. Sandberg has been approved and served previously as an RSO for facilities in Arizona and Colorado.

If you have any questions or need any additional information please contact me at 970-256-8889.

mcerel & Buch

Thomas E Gieck Remediation Leader

TEG/jfc Enclosures (2) Umetco Minerals Corporation Gas Hills, Wyoming

Nuclear Regulatory Commission Annual Report Appendix A September 2014

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Appendix B

Water Rights Within Five-Mile Radius of East Gas Hills Site

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Permit Number (Appropriation)	Facility Name	Permittee	Twn	Rng	Sec	Qtr-Qtr	Priority	Status	Uses	Facility Type	Latitude	Longitude
P49333.0W	Barrel Springs #1	Matador Cattle Co.	032N	089W	08	SW1/4SW1/4	08/06/1979	Complete	STK	Well	42.75531	-107.52333
P198586.0W	NE/NW 1-32-90(12wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	NE1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.7808	-107.557219
P198585.0W	NE/SW 1-32-90(2wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	NE1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.772803	-107.55575
P198584.0W	NW/NE 1-32-90(2wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	NW1/4NE1/4	08/08/2012	Incomplete	MON	Well	42.77955	-107.550997
P198583.0W	NW/NW 1-32-90(3wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	NW1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.779672	-107.560997
P198582.0W	NW/SW 1-32-90(2wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	NW1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.772786	-107.560781
P198581.0W	SE/NW 1-32-90(6wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	SE1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.776278	-107.555956
P198580.0W	SW/NW 1-32-90(4wells) - Gas Hills Mine Unit 1	Cameco Resources	032N	090W	01	SW1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.776322	-107.560925
P4483.0E	Cross Ell Ditch, Enlargement No. 3	Diamond Ring Co.	033N	088W	00		03/18/1926	Fully Adjudicated	IRR_SW	Not Applicable		
P71757.0W	Little Cross L #1 Spring	Clear Creek Cattle Co.	033N	088W	06	NW1/4SW1/4	09/13/1984	Fully Adjudicated	STK	Well	42.85899	-107.44005
P46387.0W	Little X-L #1	Matador Cattle Co.	033N	088W	06	NW1/4SW1/4	08/14/1978	Fully Adjudicated	STK	Well	42.85899	-107.44005
P71764.0W	Government #1 West (Rattlesnake)		033N	088W	06	SE1/4SE1/4	10/09/1984	Fully Adjudicated	STK	Well	42.85546	-107.42041
P9431.0D	Cross Ell Ditch	Clayton, Leonidas	033N	088W	07		10/11/1909	Fully Adjudicated	IRR_SW	Stream		
P44796.0W	Rattlesnake #1		033N	088W	07	NE1/4NE1/4	09/01/1978	Fully Adjudicated	STK	Well	42.85183	-107.42048
P71755.0W	Cross L #2 Spring	Clear Creek Cattle Co.	033N	088W	07	NW1/4NE1/4	09/13/1984	Fully Adjudicated	DOM GW; STK	Well	42.85182	-107.4254
CR CC77/017	ENL Cross ELL Ditch	Clear Creek Cattle Co.	033N	088W	07	NW1/4NW1/4	03/18/1926	Fully Adjudicated	IRR SW	Stream	42.8506	-107.43883
CR CC33/360	Holliday Ditch	Holliday, John J.	033N	088W	07	SE1/4NE1/4	08/27/1896		IRR SW	Stream	42.84815	-107.42061
P1314.0D	Holliday Ditch	Holliday, John J.	033N	088W	07	SE1/4NE1/4	08/27/1896	Fully Adjudicated	DOM SW: IRR SW: STO	Stream	42.848146	-107.420606
P44797.0W	Rattlesnake #2		033N	088W	08	SE1/4NE1/4	09/01/1978	Fully Adjudicated	STK	Well	42.84822	-107.40082
P44798.0W	Rattlesnake #3		033N	088W	08	SW1/4NE1/4	09/01/1978	Fully Adjudicated	STK	Well	42.8482	-107.40577
P44799.0W	Rattlesnake #4		033N	088W	08	SW1/4SW1/4	09/01/1978	Fully Adjudicated	STK	Well	42.84079	-107.41591
P71759.0W	Frebcg Rocks #1 West	Clear Creek Cattle Co.	033N	088Ŵ	09	SE1/4SW1/4	09/13/1984	Fully Adjudicated	STK	Well	42.84088	-107.39086
P44800.0W	Rattlesnake #5		033N	088W	17	NE1/4NE1/4	09/01/1978	Fully Adjudicated	STK	Well	42.83723	-107.40085
P94134.0W	Spring #7	USDI - BLM	033N	088W	19	NW1/4SW1/4	04/17/1926	Fully Adjudicated	STK	Well	42.81553	-107.44021
P71758.0W	McKenzie Spring	Clear Creek Cattle Co.	033N	088W	19	SW1/4SW1/4	09/13/1984	Fully Adjudicated	STK	Well	42.81368	-107.43523
P46384.0W	Holiday #1	Matador Cattle Co.	033N	088W	19	SW1/4SW1/4	08/14/1978	Fully Adjudicated	STK	Well	42.81368	-107.43523
P94135.0W	Spring #8	USDI - BLM	033N	088W	19	SW1/4SW1/4	04/17/1926	Fully Adjudicated	STK	Well	42.81368	-107.43523
P94133.0W	Upper Mac Spring	USDI - BLM	033N	088W	30	NW1/4NW1/4	04/17/1926	Fully Adjudicated	STK	Well	42.80831	-107.44013
CR CC77/041	Diamond Ring Ditch No. 5	Clear Creek Cattle Co. (Lessee)	033N	089W	01	SE1/4NE1/4	03/18/1926	,	IRR SW	Stream	42.8626	-107.44482
P17093.0D	Diamond Ring Ditch No. 5	Diamond Ring Co.	033N	089W	01	SE1/4NE1/4	03/18/1926	Fully Adjudicated	IRR SW	Stream	42.862626	-107.44618
CR CC77/025	Cross Ell Ditch	Andrus, Vincent D.	033N	089W	01	SE1/4SE1/4	10/11/1909		IRR SW	Stream	42.85542	-107.44487
P102340.0W	Philps #1	· · · · · · · · · · · · · · · · · · ·	033N	089W	04	NE1/4SE1/4	05/13/1996		<u></u>	Well	42.85907	-107.50388
CR CC44/698	C. B. C. Ditch	Cunningham, Charles B.	033N	089W	04	SE1/4NW1/4	08/09/1918		DOM SW: IRR SW: STO	Stream	42.86283	-107.51384
P15179.0D	C. B. C. Ditch	Cunningham, Charles B.	033N	089W	04	SE1/4NW1/4	08/09/1918	Fully Adjudicated	DOM SW: IRR SW: STO	Stream	42.862776	-107.514057
P194063.0W	RHS-3-M-10	Strathmore Resources	033N	089W	04	SW1/4SE1/4	10/15/2010	Incomplete	MON	Well	42.85557	-107.50878
P194062.0W	RHS-2-M-10	Strathmore Resources	033N	089W	05	SE1/4SE1/4	10/15/2010	Incomplete	MON	Well	42.85467	-107.52247
P46388.0W	Medicine Springs #1	Matador Cattle Co.	033N	089W	07	NW1/4NW1/4	08/14/1978	Fully Adjudicated	STK	Well	42.85214	-107.55804
P49121.0W	Lincoln Springs #1	Matador Cattle Co.	033N	089W	07	SE1/4NE1/4	07/11/1979	Fully Adjudicated	STK	Well	42.8485	-107.54333
P67189.0W	RIM 3		033N	089W	08	NE1/4SE1/4	04/23/1984		MON	Well	42,84479	-107.52351
P104184.0W	MW 76	Umetco Minerals Corporation	033N	089W	08	NF1/4SF1/4	10/15/1996	Complete	MON	Well	42,84479	-107.52351
P46389.0W	Iron Spring #1	Matador Cattle Co.	033N	089W	08	SE1/4SW1/4	08/14/1978	Fully Adjudicated	STK	Well	42.84123	-107,53338
P194061.0W	RHS-1-M-10	Strathmore Besources	033N	089W	08	SW1/4SF1/4	10/15/2010	Incomplete	MON	Well	42,84017	-107.52612
P40468.0W	RHW-2		033N	089W	09	NF1/4SW1/4	08/05/1977	Complete	MON	Well	42,84479	-107.51363
P67188.0W	RIM 2		033N	089W	09	SF1/4NW/1/4	04/23/1984		MON	Well	42 8484	-107 51365
P41022.0W	RHW-3		033N	089W	109	SF1/4SF1/4	11/16/1977	Complete	MON	Well	42,84119	-107 50378
P77793.0W	MW 28	Umetco Minerals Corporation	033N	089W	09	SE1/4SE1/4	08/03/1988	Complete	MON	Well	42 84119	-107 50378
P40467 OW	RHW-1		033N	089\	100	SE1/45W/1/4	08/05/1977	Complete	MON	Well	42 84118	-107 51362
P41021 0W	RHW-4		033N	08914/	100	SW1/4NE1/4	11/16/1977	Complete	MON	Well	47 8/18/	-107 50872
1 1021.000	рин т		102214	100244		JW1/4NC1/4	11/10/19/1	Complete		L	172.0404	

PALIENCPATTACPAT	Permit Number (Appropriation)	Facility Name	Permittee	Twn	Rng	Sec	Qtr-Qtr	Priority	Status	Uses	Facility Type	Latitude	Longitude
BC121 2000BDN 1BDN 1 <td>P104185.0W</td> <td>MW 77</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>09</td> <td>SW1/4SE1/4</td> <td>10/15/1996</td> <td>Complete</td> <td>MON</td> <td>Well</td> <td>42.84119</td> <td>-107.5087</td>	P104185.0W	MW 77	Umetco Minerals Corporation	033N	089W	09	SW1/4SE1/4	10/15/1996	Complete	MON	Well	42.84119	-107.5087
n122.pcInternationalInternation	P67187.0W	RIM 1		033N	089W	09	SW1/4SW1/4	04/23/1984		MON	Well	42.84117	-107.51854
PD275MRC5Umbee Moneed CorporationUDWWKMAXMM	P41023.0W	RHW-5		033N	089W	09	SW1/4SW1/4	11/16/1977	Complete	MON	Well	42.84117	-107.51854
mp234.00MM07.MM07.MM07.MM07.MM07.MM18.00MM18.0	P91277.0W	MWC 55	Umetco Minerals Corporation	033N	089W	10	NE1/4SE1/4	03/19/1993		MIS	Well	42.84452	-107.4844
19375.0001944.000-21945.0001938.000193	P67154.0W	MW17		033N	089W	10	NE1/4SW1/4	04/23/1984		MON	Well	42.84469	-107.49402
Physiow MW23 MW13 Control OBA Work	P85776.0W	ENL MWC-42	Umetco Minerals Corporation	033N	089W	10	NE1/4SW1/4	07/24/1991		MIS	Well	42.84469	-107.49402
Ph1259 VMMV22MV23MV32MV32MV32MV34	P67155.0W	MW18		033N	089W	10	NW1/4SE1/4	04/23/1984		MON	Well	42.84461	-107.4892
7233.20MVX3.6Umeto Mmersi Corporation03803910VVX18VX1407/13/130Cm/140Velia1.077.0858055.00MV13MV13Imeto Mmersi Corporation0380891081/14/201VX18VX1407/21/130MONVelia42.84071.077.0858055.00MVG35Umeto Mmersi Corporation03180891081/14/20107/14/10MSVelia42.84071.077.4858055.00MVG32Umeto Mmersi Corporation03180891081/14/14/1447/1196MSVelia42.84071.074.0458055.00MVG24Umeto Mmersi Corporation031808941081/14/14/1447/1196MSWelia42.84071.074.0458055.00MVG24Umeto Mmersi Corporation03308941061/14/11/14W17.1958KonWelia42.84071.074.04597/26.00MV1MV1Corporation03808941061/14/11/14W17.1958KonWelia42.84091.074.04597/26.00MV1MV1MU1Corporation03808941061/14/11/14KonWelia42.84151.074.086897/26.00MV1MV1MU1MU1MU1MU1MU1MU142.84151.074.086897/26.00MV1MV1MU1MU1MU1MU1MU1MU1MU1MU1MU1MU197/26.00MV1MU1MU1MU1 <t< td=""><td>P67159.0W</td><td>MW23</td><td></td><td>033N</td><td>089W</td><td>10</td><td>NW1/4SE1/4</td><td>04/23/1984</td><td></td><td>MON</td><td>Well</td><td>42.84461</td><td>-107.4892</td></t<>	P67159.0W	MW23		033N	089W	10	NW1/4SE1/4	04/23/1984		MON	Well	42.84461	-107.4892
PABOS.DMNAM.Unetox Minersis CorporationD38B39810.VU/23/USIComplexNOM.Weil42.840710.70.488P3755.60 //NWX-53Umetox Minersis CorporationD39B39710.S1/251.40VU/21/USIMISWeil42.841710.74.842P3556.60 //NWX-63Umetox Minersis CorporationD39B9710.S1/251.40VI/21/USIMISWeil42.841710.74.842P3556.50 //NWX-63Umetox Minersis CorporationD39B9710.S1/251.40N/21.50MISWeil42.841710.74.842P3256.50 //NWX-63Umetox Minersis CorporationD39B9710.S1/251.40N/21.958MISWeil42.841710.74.842P3256.50 //NWX-63Umetox Minersis CorporationD38B9710.S1/251.40N/21.958MISMISWill42.841910.74.852P3256.50 //NWX-51MVX-51.40N/21.958CorporationD38B9710.N/12.557.60MISMISWill42.841310.74.852P5256.50 //NWX-51MVX-51.40N/12.557.60N/12.577.60MISMISWill42.841310.74.855P2556.50 //NWX-51MVX-51.40N/12.577.60MISMISMIS42.841310.74.855P2556.50 //NWX-51MVX-51.40N/12.577.60MISMISMIS42.841310.74.855P2556.50 //NWX-51MVX-51.40N/1	P76333.0W	MW26	Umetco Minerals Corporation	033N	089W	10	NW1/4SW1/4	02/19/1988		MON	Well	42.84477	-107.4989
mp13.50.ml MW13 MU13	P83055.0W	MW-21A	Umetco Minerals Corporation	033N	089W	10	NW1/4SW1/4	07/23/1990	Complete	MON	Well	42.84477	-107.4989
mc2564.0vm MVG-35 Unetco Muneria Corporation 038 69W 10 STL A9W1/4 6V/2/1/990 Mts Veal 42,4107 107-9640 82555.0vm MVG-36 Unetco Muneria Corporation 038 69W 10 61/49W1/4 64/1/1990 Mts Veal 42,4107 107-9640 82525.0vm MVG-58 Unetco Muneria Corporation 038 69W 10 61/49W1/4 64/1/1983 Mts Veal 42,8107 107-9640 92120.0vm MVG-59 Unetco Muneria Corporation 038 69W 10 61/48W1/4 64/1/1984 Mts Veal 42,8107 107-9640 92120.0vm MVG-59 Unetco Muneria Corporation 038 69W 10 64/1/3144 64/1/3144 MtoN Veal 42,8103 107-6660 92120.0vm MVG-5 Unetco Muneria Corporation 038 69W 10 64/1/4144 64/1/2197 MtoN Veal 42,8113 107-6680 92120.0vm MVG-5 Unetco Muneria Corporation 038 69W 10 64/1/4147 64/1/4197 </td <td>P67156.0W</td> <td>MW19</td> <td></td> <td>033N</td> <td>089W</td> <td>10</td> <td>SE1/4SE1/4</td> <td>04/23/1984</td> <td>1 ·</td> <td>MON</td> <td>Well</td> <td>42.84091</td> <td>-107.4844</td>	P67156.0W	MW19		033N	089W	10	SE1/4SE1/4	04/23/1984	1 ·	MON	Well	42.84091	-107.4844
Partson MMC-36 Unreto Minerals Corporation D38 D59 D0 EX/SMV/L D47/1990 MNS Weil 24,24107 D107-8404 D3282.00V MMC-42 Unreto Minerals Corporation D38 089V D0 EX/SMV/L D17/J1203 MNS Weil 42,4107 107-8404 P3282.00V MMC 53 Unreto Minerals Corporation D38 089V D0 EX/SMV/L D17/J1203 MNS Weil 42,8107 107-8404 P6714.0V MMC 54 Unreto Minerals Corporation D38 089V D0 SVIX/SEX/L D17/J1204 MON Weil 42,8409 107-8404 P6714.0V MV2 MV2 MV3 D0 SVIX/SEX/L MOX1/J1207 MON Weil 42,84115 107-8484 D1569.0V MV2 MV2 MV3 D0 SVIX/SEX/L MOX1/J1207 MON Weil 42,84115 107-8484 D1569.0V MV2 MV3 D0 SVIX/SEX/L MV1/J1207 MON We	P82564.0W	MWC-35	Umetco Minerals Corporation	033N	089W	10	SE1/4SW1/4	04/27/1990		MIS	Well	42.84107	-107.49404
PR3269 MV MVC 42 Uneto Minerals Corporation B39 B394 B10 SL4/SWM, 24 B12/SUD W MIS Weil A 24107 J027 AB000 P31280.00 MVC 59 Uneto Minerals Corporation B38 B3W ID SL4/SWM, 40 B37 J9793 MIS Weil A 24107 J027 AB000 P31280.00 MV4 MV4 B47 J9793 MIS Weil A 24107 J027 AB000 P31260.00 MV1 GV140.00 MV1 B07136.00 MOR Weil A 24009 J074 AB000 P07146.00 MV2 MV2 MV4 BV14704 A V17398 Complet MOR Weil A 24115 J074800 P07156.00 MV2 MV2 MV12 MV140 AV17970 MOR Weil A 24115 J074800 J074800 MOR Weil A 24115 J074800 J074800 MOR Weil A 24115 J074800 J074800 MOR Weil A 24115 J0748000 J0749000 MOR Weil<	P82565.0W	MWC-36	Umetco Minerals Corporation	033N	089W	10	SE1/4SW1/4	04/27/1990		MIS	Well	42.84107	-107.49404
Pi228.00W NWC 58 Umeto Minerals Corporation O320 OB71 O 517/5793 MS Med 4.2.4107 0.07.940.00 Pi228.00W MWC 59 MMC 50 Miss Weil 4.2.4017 0.07.940.00 Pi228.00W MWC 50 MMC 50 Miss Miss Weil 4.2.4019 0.07.940.07 Pi228.00W MW1 MMC 50 MMI Med 4.2.4019 0.07.940.07 Pi228.00W MW1 MMI Med 4.2.4415 0.07.840.07 Pi238.00W MW2 MMV2 MMI Metro Minerals Corporation 0.334 0.899V 10 SW1/25V/14 0.47.21984 MON Weil 4.2.4415 0.17.4888 Pi05452.00V MW2 MM2 Miss MON Weil 4.2.8415 0.17.4888 Pi05452.00V MW3 MM1 MM1/25V/14 0.47.11997 MON Weil 4.2.8415 0.17.4888 Pi0562.00V MW3 MM2 MM2/25V/14 0.01.111111111111111111111111111111111	P83269.0W	MWC-42	Umetco Minerals Corporation	033N	089W	10	SE1/4SW1/4	08/15/1990		MIS	Well	42.84107	-107.49404
P223.0.W MVX: 99 MIS Weil 4.2.8100 0.074.82 P234.8.0W MV4 Complete MOA Weil 4.2.8009 0.07.48227 P674.6.0W MV1 Complete MOA Weil 4.2.8009 0.07.48227 P674.7.0W MV2 Complete MOA Weil 4.2.8009 0.07.49227 P674.6.0W MV2 Complete MOA Weil 4.2.8015 0.07.49287 P671.8.0W MV2 Unetco Minerals Corporation 038 089W 10 SW1/45VL/4 V4/21/1597 MOA Weil 4.2.8115 107.49888 P16500.0W MW3 Unetco Minerals Corporation 038 089W 10 SW1/45VL/4 V4/11/1977 MOA Weil 4.2.8115 107.49888 P16502.0W MW3 Unetco Minerals Corporation 038 089W 10 SW1/45VL/4 V4/21/199 MOA Weil 4.2.8115 107.49888 P25457.0W MW1-36 Unetco Minerals Corporation 038 0	P91280.0W	MWC 58	Umetco Minerals Corporation	033N	089W	10	SE1/4SW1/4	03/19/1993		MIS	Well	42.84107	-107.49404
P2743.60 M MV4 Description D33 BSW / 103 SW/45E1/4 P4/23/1984 MON Weil 4.2.8.4093 107.88927 P2743.60 M MV2 - D33 089W / 103 SW/145E1/4 P4/23/1984 MON Weil 4.2.8.4093 D17.84922 P2734.70 M MV2 - D33 089W / 103 SW/145W1/4 Q4/23/1984 MON Weil 4.2.8.4115 D17.48892 P2593.90 M MV708 Umeto Mmerals Corporation D33 089W / 103 SW/145W1/4 Q4/12/1997 MON Weil 4.2.8.4115 D17.48882 P10593.90 M MV36 Umeto Mmerals Corporation D33 089W / 103 SW/145W1/4 Q4/12/1997 MON Weil 4.2.8.4115 D17.48882 P10593.90 M MV370 Umeto Mmerals Corporation D33 089W / 103 SW/145W1/4 Q4/12/1997 MON Weil 4.2.8.4115 D17.48882 P2556 00 M MV1-3 Umeto Mmerals Corporation D33 089W / 103 SW/145W1/4 Q4/12/1993 <	P91281.0W	MWC 59	Umetco Minerals Corporation	033N	089W	10	SE1/4SW1/4	03/19/1993		MIS	Well	42.84107	-107.49404
PitAla (SW) MVI MVI <th< td=""><td>P67148.0W</td><td>MW4</td><td></td><td>033N</td><td>089W</td><td>10</td><td>SW1/4SE1/4</td><td>04/23/1984</td><td></td><td>MON</td><td>Well</td><td>42.84099</td><td>-107.48923</td></th<>	P67148.0W	MW4		033N	089W	10	SW1/4SE1/4	04/23/1984		MON	Well	42.84099	-107.48923
Instruct	P67146.0W	MW1		033N	089W	10	SW1/4SE1/4	04/23/1984	Complete	MON	Well	42,84099	-107,48923
Phys.Box WW21 Phys.Box Oats Obsty SW1/4SW1/4 OutSW1/4SW1/4 OutSW1/4SW1/4 <td>P67147.0W</td> <td>MW2</td> <td></td> <td>033N</td> <td>089W</td> <td>10</td> <td>SW1/4SW1/4</td> <td>04/23/1984</td> <td></td> <td>MON</td> <td>Well</td> <td>42.84115</td> <td>-107.49889</td>	P67147.0W	MW2		033N	089W	10	SW1/4SW1/4	04/23/1984		MON	Well	42.84115	-107.49889
PJ059430W MW 708 Umetco Minerals Corporation 038 089W 10 SW/45W/4 04/1/1997 MON Weil 42.8415 15.074.9888 PJ05940 W MW81 Umetco Minerals Corporation 0334 089W 10 SW/45W1/4 10/1/1997 MON Weil 42.8415 107.49888 PJ059420W MW 37 Umetco Minerals Corporation 0334 089W 10 SW/45W1/4 04/27/1950 MON Weil 42.84115 107.49888 P3256.0W MW1-38 Umetco Minerals Corporation 0334 089W 10 SW/45W1/4 04/27/1950 MON Weil 42.84115 107.49888 P3256.0W MW1-44 Umetco Minerals Corporation 0334 089W 10 SW/45W1/4 04/27/1950 MON Weil 42.84115 107.49888 P3026.0W MW1-64 Umetco Minerals Corporation 0334 089W 10 SW/45W1/4 03/19/1993 Complete MON Weil 42.84108 107.49888 P3028.0W M	P67158.0W	MW21		033N	089W	10	SW1/4SW1/4	04/23/1984		MON	Well	42.84115	-107.49889
P10800.0W WW31 Umeto Minerals Corporation 033 083W 10 SW1/4SW1/4 04/1/1997 MON Well 42.84115 10.74888 P105492.0W MW10A Umeto Minerals Corporation 0331 089W 10 SW1/4SW1/4 04/11/997 Complete MON Well 42.84115 107.4888 P23556.0W MM1-38 Umeto Minerals Corporation 0331 089W 10 SW1/4SW1/4 04/21/1990 MON Well 42.84115 107.4988 P23556.0W MM1-39 Umeto Minerals Corporation 0331 089W 10 SW1/4SW1/4 04/21/1990 MON Well 42.84115 107.4988 P2464.90W MW1-44 Umeto Minerals Corporation 0331 038W 10 SW1/4SW1/4 03/18/1993 MON Well 42.84115 107.4988 P1038.0W MW27 Umeto Minerals Corporation 0331 038W 10 SW1/4SW1/4 04/19/1993 Complete MON Well 42.84067 107.4988 P1038	P105493.0W	MW 70B	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	04/11/1997	1	MON	Well	42.84115	-107.49889
PI05492.0W MW 7DA Unneto Minerals Corporation D338 D89W D0 SW1/45W1/4 D4/1/1997 Complete MON Weil 42.24115 -107.49885 P82566.0V MWH-33 Umeto Minerals Corporation D331 0.89W 10 SW1/45W1/4 04/27/1990 MON Weil 42.24115 -107.49885 P82566.0W MWH-33 Umeto Minerals Corporation D331 0.89W 10 SW1/45W1/4 04/27/1990 MON Weil 42.24115 -107.49885 P82566.0W MWH-34 Umeto Minerals Corporation D331 0.89W 10 SW1/45W1/4 04/27/1990 MON Weil 42.24115 -107.49885 P4082.0W MW-44 Umetoo Minerals Corporation D331 0.89W 10 SW1/45W1/4 07/97/1998 MON Weil 42.24018 -107.49885 P1082.0W MW25 Umetoo Minerals Corporation D331 0.89W 11 SW1/45W1/4 07/97/207 Complete MON Weil 42.24016 -107.49885	P108004.0W	MW81	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	11/04/1997		MON	Well	42.84115	-107.49889
P82566 0W MVI-37 Umetco Minerals Corporation 033 089W 10 SWI/ASW/1/4 04/27/1990 MON Weil 42.24115 -107.49885 P82567.0W MWI-38 Umetco Minerals Corporation 033N 089W 10 SWI/ASW/1/4 04/27/1990 MON Weil 42.24115 -107.49885 P26464 0W MWI-44 Umetco Minerals Corporation 033N 089W 10 SWI/ASW/1/4 04/27/1990 MON Weil 42.24115 -107.49885 P26464 0W MWI-44 Umetco Minerals Corporation 033N 089W 10 SWI/ASW/1/4 04/27/1990 MON Weil 42.24115 -107.49885 P26462 0W MWI-44 Umetco Minerals Corporation 033N 089W 11 SWI/ASW/1/4 04/27/1990 MON Weil 42.24065 -107.47955 P16262 0W MW17 Cross Meadows 12-1 Umetco Minerals Corporation 033N 089W 14 SWI/ASW/1/4 04/27/1980 MON Weil 42.2806 -107.47955 P26464.0W <td>P105492.0W</td> <td>MW 70A</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>10</td> <td>SW1/4SW1/4</td> <td>04/11/1997</td> <td>Complete</td> <td>MON</td> <td>Well</td> <td>42.84115</td> <td>-107.49889</td>	P105492.0W	MW 70A	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	04/11/1997	Complete	MON	Well	42.84115	-107.49889
P82567.0W MWI-38 Umetco Minerals Corporation 033 038W 10 SW1/4SW1/4 04/27/1990 MON Weil 42.84115 1:07.4988 P82568.0W MWI-39 Umetco Minerals Corporation 033N 088W 10 SW1/4SW1/4 04/27/1990 MON Weil 42.84115 1:07.4988 P8108.20W MWV-64 Umetco Minerals Corporation 033N 089W 10 SW1/4SW1/4 03/18/1991 MON Weil 42.84115 1:07.4988 P9108.20W MWV-64 Umetco Minerals Corporation 033N 089W 10 SW1/4SW1/4 03/18/1991 MON Weil 42.8408 1:07.4988 P1836.70W KW72 Umetco Minerals Corporation 033N 089W 12 SW1/4SW1/4 07/07/2007 Complete MON Weil 42.8408 1:07.47855 P18367.0W KA 1 Udstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1889 MON Weil 42.8306 -1:07.47855 P80487.0W	P82566.0W	MWI-37	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	04/27/1990		MON	Well	42.84115	-107.49889
P32568.0W MWI-39 Umeto Minerals Corporation 0338 038W 10 SW1/45W1/4 04/27/1990 MON Weil 42.8415 -107.4988 P34649.0W MWI-44 Umeto Minerals Corporation 0338 088W 10 SW1/45W1/4 03/18/1991 MON Weil 42.84115 -107.49888 P36262.0W MW-64 Umeto Minerals Corporation 0338 088W 10 SW1/45W1/4 03/18/1991 MON Weil 42.84115 -107.49888 P7634.0W MW27 Umeto Minerals Corporation 0338 089W 10 SW1/45W1/4 03/19/1993 Complet MON Weil 42.840167 107.49883 P16043.0W W075 Umeto Minerals Corporation 0338 089W 14 SW1/45W1/4 07/19/1988 Complet MON Weil 42.84066 107.479833 P10433.0W W7 G MAY 05/14/1989 Complet MON Weil 42.8266 107.47983 P80485.0W VA2 Lidstone & Anderson Inc.	P82567.0W	MWI-38	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	04/27/1990		MON	Well	42,84115	-107,49889
D84649.0W MW/-44 Umetco Minerals Corporation 033 089W 10 SW1/4SW1/4 03/36/1991 MON Weil 42.84115 -107.49885 P91082.0W MW-64 Umetco Minerals Corporation 031 089W 10 SW1/4SW1/4 03/3/1993 Complete MON Weil 42.84115 -107.49885 P1082.0W MW-64 Umetco Minerals Corporation 031 089W 15 SW1/4SW1/4 03/3/1983 MON Weil 42.840667 -107.49885 P104183.0W MV75 Umetco Minerals Corporation 033 089W 14 SW1/4SW1/4 03/14/1986 MON Weil 42.840667 -107.47823 P80487.0W LA L Umetco Minerals Corporation 033 089W 14 SW1/4WW1/4 06/14/1986 MON Weil 42.8406 -107.47983 P80487.0W LA 2 Lidstone & Anderson Inc. 033 089W 14 SW1/4SW1/4 06/14/1986 MON Weil 42.8264 -107.47983 P8455.0	P82568.0W	MWI-39	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	04/27/1990		MON	Well	42,84115	-107,49889
P91082.0W MW-64 Umetco Minerals Corporation 033N 089W 10 SW1/4SW1/4 03/19/1993 Complete MON Well 42.84115 -107.49885 P1633.0W MW27 Umetco Minerals Corporation 033N 089W 12 SW1/4SW1/4 07/19/1988 MON Well 42.84086 -107.435233 P10413.0W MW 75 Umetco Minerals Corporation 033N 089W 14 NL/4SW1/4 07/19/1986 MON Well 42.83006 -107.435233 P80483.0W LA1 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 Complete MON Well 42.8306 -107.47983 P80485.0W LA4 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 Complete MON Well 42.8264 -107.47933 P80485.0W MV20 Lidstone & Anderson Inc. 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.8279 -107.48433 <td>P84649.0W</td> <td>MWI-44</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>10</td> <td>SW1/4SW1/4</td> <td>03/18/1991</td> <td>1</td> <td>MON</td> <td>Well</td> <td>42,84115</td> <td>-107.49889</td>	P84649.0W	MWI-44	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	03/18/1991	1	MON	Well	42,84115	-107.49889
P76334.0W MW27 Umetco Minerals Corporation 033N 089W 11 SW1/4SW1/4 02/19/1988 MON Well 42.84086 -107.47955 P182674.0W Cross Meadows 12-1 033N 089W 12 SW1/4SW1/4 07/07/2007 Complete STK Well 42.84066 -107.458233 P104183.0W MV 75 Umetco Minerals Corporation 033N 089W 14 SW1/4SW1/4 07/07/2007 Complete MON Well 42.84066 -107.47952 P80484.0W LA Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 MON Well 42.8264 107.47932 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 15 NE1/4NE1/4 08/14/1989 MON Well 42.8264 107.47932 P80455.0W MW20 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 107.44339 P84550.0W <td>P91082.0W</td> <td>MW-64</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>10</td> <td>SW1/4SW1/4</td> <td>03/19/1993</td> <td>Complete</td> <td>MON</td> <td>Well</td> <td>42,84115</td> <td>-107,49889</td>	P91082.0W	MW-64	Umetco Minerals Corporation	033N	089W	10	SW1/4SW1/4	03/19/1993	Complete	MON	Well	42,84115	-107,49889
P182674.0W Cross Meadows 12-1 033N 089W 12 SW1/4SW1/4 07/09/2007 Complete STK Weil 42,840667 -107,458233 P104183.0W MW 75 Umetco Minerals Corporation 033N 089W 14 NE1/4SW1/4 10/15/1996 MON Weil 42,83066 -107,47582 P80484.0W LA 1 Lidstone & Anderson Inc. 033N 089W 14 SW1/AW1/4 08/14/1989 Complete MON Weil 42,8365 -107,4793 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/AW1/4 08/14/1989 Complete MON Weil 42,8264 -107,47933 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 15 NE1/AW1/4 08/14/1989 Complete MON Weil 42,8264 -107,47933 P84550.0W MW-50 Umetco Minerals Corporation 033N 089W 15 NE1/AW1/4 04/318/1991 MON Weil 42,83729 -107,48438	P76334.0W	MW27	Umetco Minerals Corporation	033N	089W	11	SW1/4SW1/4	02/19/1988		MON	Well	42.84088	-107.47955
P104183.0W MW 75 Umetco Minerals Corporation 033N 089W 14 NE1/4SW1/4 10/15/1996 MON Well 42.83006 -107,47455 P80484.0W LA 1 Lidstone & Anderson Inc. 033N 089W 14 SW1/4NW1/4 08/14/1989 Complete MON Well 42.83365 -107,47455 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 MON Well 42.8264 -107,47934 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 MON Well 42.8264 -107,47934 P84650.0W MW20 Umetco Minerals Corporation 033N 089W 15 NE1/ANE1/4 03/18/1991 MON Well 42.8372 -107,48438 P84651.0W MW1-52 Umetco Minerals Corporation 033N 089W 15 NE1/ANE1/4 03/18/1991 MON Well 42.83729 -107,48439 P82552.0W <t< td=""><td>P182674.0W</td><td>Cross Meadows 12-1</td><td></td><td>033N</td><td>089W</td><td>12</td><td>SW1/4SW1/4</td><td>07/09/2007</td><td>Complete</td><td>STK</td><td>Well</td><td>42.840667</td><td>-107.458233</td></t<>	P182674.0W	Cross Meadows 12-1		033N	089W	12	SW1/4SW1/4	07/09/2007	Complete	STK	Well	42.840667	-107.458233
P80484.0W LA 1 Lidstone & Anderson Inc. 033N 089W 14 SW1/4NW1/4 08/14/1989 Complete MON Weil 42.83365 -107.4793 P80487.0W LA 4 Lidstone & Anderson Inc. 033N 089W 14 SW1/4NW1/4 08/14/1989 MON Weil 42.8264 -107.4793 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 MON Weil 42.8264 -107.4793 P80455.0W Mv20 Description 033N 089W 15 NE1/4NE1/4 08/14/1989 Complete MON Weil 42.8372 -107.48439 P84651.0W MW-50 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Weil 42.8372 -107.48439 P84551.0W MW-51 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Weil 42.8374 -107.48439 P84551.0W	P104183.0W	MW 75	Umetco Minerals Corporation	033N	089W	14	NF1/4SW1/4	10/15/1996		MON	Well	42,83006	-107.47455
P80487.0W LA 4 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 MON Weil 42.8264 -107.47943 P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1989 Complete MON Weil 42.8264 -107.47943 P80485.0W MW20 033N 089W 15 NE1/ANE1/4 04/23/1984 MON Weil 42.83729 -107.48439 P8455.0W MWI-50 Umetco Minerals Corporation 033N 089W 15 NE1/ANE1/4 03/18/1991 MON Weil 42.83729 -107.48439 P84655.0W MWI-51 Umetco Minerals Corporation 033N 089W 15 NE1/ANE1/4 03/18/1991 MON Weil 42.83729 -107.48439 P84652.0W MWC-53 Umetco Minerals Corporation 033N 089W 15 NE1/ANE1/4 03/18/1991 MON Weil 42.8374 -107.48439 P91279.0W MWC-34 Umetco Minerals	P80484.0W	LA 1	Lidstone & Anderson Inc.	033N	089W	14	SW1/4NW1/4	08/14/1989	Complete	MON	Well	42,83365	-107.4795
P80485.0W LA 2 Lidstone & Anderson Inc. 033N 089W 14 SW1/4SW1/4 08/14/1985 Complete MON Well 42.8264 -107.47943 P67157.0W MW20 Image: Complete MON Well 42.83729 -107.48433 P84650.0W MWI-50 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48433 P84651.0W MWI-51 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P84652.0W MWI-52 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P82563.0W MWC-33 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 04/27/1990 MIS Well 42.83744 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE	P80487.0W	LA 4	Lidstone & Anderson Inc.	033N	089W	14	SW1/4SW1/4	08/14/1989		MON	Well	42,8264	-107.47943
P67157.0W MW20 O33N 089W 15 NE1/4NE1/4 04/23/1984 MON Well 42.83729 -107.48433 P84650.0W MWI-50 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48433 P84652.0W MWI-51 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P84652.0W MWI-52 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P82562.0W MWC-33 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 04/27/1990 MIS Well 42.83744 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P1279.0W MWC 57 Umetco Minerals Corporation<	P80485.0W	LA 2	Lidstone & Anderson Inc.	033N	089W	14	SW1/4SW1/4	08/14/1989	Complete	MON	Well	42,8264	-107.47943
P84650.0W MWI-50 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48433 P84651.0W MWI-51 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P84652.0W MWI-52 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48439 P82562.0W MWC-33 Umetco Minerals Corporation 033N 089W 15 NE1/4NV1/4 04/27/1990 MIS Well 42.83744 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NV1/4 03/19/1993 MIS Well 42.83744 -107.49405 P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4NV1/4 03/19/1993 MIS Well 42.83744 -107.49405 P13001.0R	P67157.0W	MW20		033N	089W	15	NF1/4NE1/4	04/23/1984		MON	Well	42.83729	-107.48439
P84651.0W MWI-51 Umetco Minerals Corporation 033N 089W 15 NEJ/ANEJ/A 03/38/1991 MON Weil 42.83729 -107.48439 P84652.0W MWI-52 Umetco Minerals Corporation 033N 089W 15 NEJ/ANEJ/A 03/18/1991 MON Weil 42.83729 -107.48439 P82562.0W MWC-33 Umetco Minerals Corporation 033N 089W 15 NEJ/ANW1/A 04/27/1990 MIS Weil 42.83744 -107.49405 P82563.0W MWC-34 Umetco Minerals Corporation 033N 089W 15 NEJ/ANW1/A 04/27/1990 MIS Weil 42.83744 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NEJ/ANW1/A 03/19/1993 MIS Weil 42.83744 -107.49405 P91279.0W MWC 57 Umetco Minerals Corporation 033N 089W 15 NEJ/ANW1/A 03/27/2007 Complete IND_SW Reservoir 42.830039 -107.49405	P84650.0W	MWI-50	Umetco Minerals Corporation	033N	089W	15	NE1/4NE1/4	03/18/1991		MON	Well	42,83729	-107.48439
P84652.0W MWI-52 Umetco Minerals Corporation 033N 089W 15 NE1/4NE1/4 03/18/1991 MON Well 42.83729 -107.48433 P82562.0W MWC-33 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 04/27/1990 MIS Well 42.83744 -107.49405 P82563.0W MWC-34 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 04/27/1990 MIS Well 42.83744 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P91279.0W MWC 57 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P1300.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/27/2007 Complete IND_SW Reservoir 42.830039 -107.48455 <t< td=""><td>P84651.0W</td><td>MWI-51</td><td>Umetco Minerals Corporation</td><td>033N</td><td>089W</td><td>15</td><td>NF1/4NF1/4</td><td>03/18/1991</td><td></td><td>MON</td><td>Well</td><td>42,83729</td><td>-107,48439</td></t<>	P84651.0W	MWI-51	Umetco Minerals Corporation	033N	089W	15	NF1/4NF1/4	03/18/1991		MON	Well	42,83729	-107,48439
P82562.0W MWC-33 Umeto Minerals Corporation 033N 033N 033N 033N 0427/1990 MIS Well 42.8374 -107.49405 P82563.0W MWC-34 Umeto Minerals Corporation 033N 089W 15 NE1/4NW1/4 04/27/1990 MIS Well 42.83744 -107.49405 P91278.0W MWC 56 Umeto Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P91279.0W MWC 57 Umeto Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P13001.0R 8-Spoils Reservoir Umeto Minerals Corporation 033N 089W 15 NE1/4NW1/4 08/27/2007 Complete IND_SW Reservoir 42.83744 -107.49405 P13001.0R 8-Spoils Reservoir Umeto Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Fully Adjudicated IND_SW Reservoir 42.83018	P84652.0W	MWI-52	Umetco Minerals Corporation	033N	089W	15	NF1/4NF1/4	03/18/1991	1	MON	Well	42 83729	-107 48439
P82563.0W MWC-34 Umetco Minerals Corporation 033N 039W 15 NE1/4NW1/4 04/27/1990 MIS Well 42.8374 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.8374 -107.49405 P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.8374 -107.49405 P1279.0W MWC 57 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.8374 -107.49405 P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Complete IND_SW Reservoir 42.83049 -107.48435 CR CR21/153 B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Fully Adjudicated IND_SW Reservoir 42.830	P82562.0W	MWC-33	Umetco Minerals Corporation	033N	089W	15	NF1/4NW1/4	04/27/1990		MIS	Well	42 83744	-107 49405
P91278.0W MWC 56 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 Mis Well 42.8374 -107.4905 P91279.0W MWC 57 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 Mis Well 42.8374 -107.4905 P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 Mis Well 42.8374 -107.49005 P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Complete IND_SW Reservoir 42.83744 -107.49405 P67150.0W MW7 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/27/2007 Fully Adjudicated IND_SW 42.83018 -107.49402 P67150.0W MW7 MW7 0 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402	P82563.0W	MWC-34	Umetco Minerals Corporation	033N	089W	15	NF1/4NW1/4	04/27/1990		MIS	Well	42 83744	-107,49405
P91279.0W MWC 57 Umetco Minerals Corporation 033N 089W 15 NE1/4NW1/4 03/19/1993 MIS Well 42.83744 -107.49405 P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Complete IND_SW Reservoir 42.830039 -107.48435 CR CR21/153 B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Fully Adjudicated IND_SW Reservoir 42.830039 -107.48435 P67150.0W MW7 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P67150.0W PW1 030N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P80432.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P80433.0W MW 31 Umetco Minerals Corporation 033N 039N <td>P91278.0W</td> <td>MWC 56</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>15</td> <td>NF1/4NW1/4</td> <td>03/19/1993</td> <td></td> <td>MIS</td> <td>Well</td> <td>42 83744</td> <td>-107 49405</td>	P91278.0W	MWC 56	Umetco Minerals Corporation	033N	089W	15	NF1/4NW1/4	03/19/1993		MIS	Well	42 83744	-107 49405
P13001.0R B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Complete IND_SW Reservoir 42.830039 -107.48435 CR CR21/153 B-Spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Fully Adjudicated IND_SW Reservoir 42.830039 -107.48435 P67150.0W MW7 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P67168.0W PW1 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P80432.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P80433.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Well 42.83018 -107.49402 P80433.0W MW 31 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 <td>P91279.0W</td> <td>MWC 57</td> <td>Umetco Minerals Corporation</td> <td>033N</td> <td>089W</td> <td>15</td> <td>NE1/4NW1/4</td> <td>03/19/1993</td> <td></td> <td>MIS</td> <td>Well</td> <td>42.03744</td> <td>-107 49405</td>	P91279.0W	MWC 57	Umetco Minerals Corporation	033N	089W	15	NE1/4NW1/4	03/19/1993		MIS	Well	42.03744	-107 49405
CR CR 21/153 B-spoils Reservoir Umetco Minerals Corporation 033N 089W 15 NE1/4SE1/4 08/27/2007 Fully Adjudicated IND_SW Reservoir 42.82944 -107.4825 P67150.0W MW7 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P67168.0W PW1 033N 089W 15 NE1/4SW1/4 04/23/1984 MON Well 42.83018 -107.49402 P80432.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Well 42.83018 -107.49402 P80433.0W MW 31 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Well 42.83018 -107.49402	P13001.0R	B-Spoils Reservoir	Umetco Minerals Corporation	033N	089W	15	NE1/4SE1/4	08/27/2007	Complete		Reservoir	42 830039	-107 48435
P67150.0W MW7 Mode Mail	CR CR21/153	B-Spoils Reservoir	Umetco Minerals Corporation	033N	089W	15	NF1/4SF1/4	08/27/2007	Fully Adjudicated		Reservoir	47 829444	-107 4825
P67168.0W PW1 O33N 089W 15 NE1/4SW1/4 04/23/1984 MON Weil 42.83018 -107.49402 P80432.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Weil 42.83018 -107.49402 P80433.0W MW 31 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Weil 42.83018 -107.49402	P67150.0W	MW7		033N	089\/	15	NE1/45\W1/4	04/23/1984			Well	42 83018	-107 49402
P80432.0W MW 29 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Weil 42.83018 -107.49402 P80433.0W MW 31 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Weil 42.83018 -107.49402	P67168.0W	PW1		033N	0891	15	NF1/45W1/4	04/23/1984	<u> </u>	MON	Well	42 83018	-107 49402
P80433.0W MW 31 Umetco Minerals Corporation 033N 089W 15 NE1/4SW1/4 08/04/1989 MON Well 42.83018 -107.49402	P80432.0W	MW 29	Umetco Minerals Corporation	033N	089W	15	NF1/4SW1/4	08/04/1989	1	MON	Well	42 83018	-107 49402
	P80433.0W	MW 31	Umetco Minerals Corporation	033N	089W	15	NF1/4SW1/4	08/04/1989		MON	Well	42 83018	-107 49407

Permit Number (Appropriation)	Facility Name	Permittee	Twn	Rng	Sec	Qtr-Qtr	Priority	Status	Uses	Facility Type	Latitude	Longitude
P84751.0W	MWC-45	Umetco Minerals Corporation	033N	089W	15	NW1/4NE1/4	03/18/1991		MIS	Well	42.83737	-107.48922
P84753.0W	MWC-47	Umetco Minerals Corporation	033N	089W	15	NW1/4NE1/4	03/18/1991		MIS	Well	42.83737	-107.48922
P84754.0W	MWC-48	Umetco Minerals Corporation	033N	089W	15	NW1/4NE1/4	03/18/1991		MIS	Well	42.83737	-107.48922
P84755.0W	MWC-49	Umetco Minerals Corporation	033N	089W	15	NW1/4NE1/4	03/18/1991		MIS	Well	42.83737	-107.48922
P84648.0W	MWI 43	Umetco Minerals Corporation	033N	089W	15	NW1/4NW1/4	03/18/1991		MON	Well	42.83752	-107.49888
P76332.0W	MW25	Umetco Minerals Corporation	033N	089W	15	NW1/4NW1/4	02/19/1988	Complete	MON	Well	42.83752	-107.49888
P67149.0W	MW6		033N	089W	15	NW1/4SE1/4	04/23/1984		MON	Well	42.83011	-107.48918
P80486.0W	LA 3	Lidstone & Anderson Inc.	033N	089W	15	SE1/4SE1/4	08/14/1989	Complete	MON	Well	42.82642	-107.48433
P67075.0W	Guard Well 3B		033N	089W	15	SE1/4SW1/4	02/16/1984		IND_GW; MIS	Well	42.82656	-107.494
P67076.0W	Guard Well 3C		033N	089W	15	SE1/4SW1/4	02/16/1984	-	IND GW; MIS	Well	42.82656	-107.494
P67160.0W	GW1		033N	089W	15	SE1/4SW1/4	04/23/1984		MON	Well	42.82656	-107.494
P67161.0W	GW2		033N	089W	15	SE1/4SW1/4	04/23/1984		MON	Well	42.82656	-107.494
P67162.0W	GW3		033N	089W	15	SE1/4SW1/4	04/23/1984		MON	Well	42.82656	-107.494
P67178 0W	DW2		033N	089W	15	SE1/4SW1/4	04/23/1984		MON	Well	42.82656	-107.494
P67166.0W	GW7	-	033N	089W	15	SE1/4SW1/4	04/23/1984	Complete	MON	Well	42.82656	-107.494
P108001 0W	MW78	Umetco Minerals Corporation	033N	089W	15	SE1/4SW1/4	11/04/1997		MON	Well	42,82656	-107.494
P108002.0W	MW79	Umetco Minerals Corporation	033N	089W	115	SE1/4SW1/4	11/04/1997	1	MON	Well	42.82656	-107.494
P108003.0W	MW80	Umetco Minerals Corporation	033N	W/980	15	SE1/4SW/1/4	11/04/1997		MON	Well	42 82656	-107 494
P80434 0W	MW 32	Umetco Minerals Corporation	033N	089W	15	SE1/4SW1/4	08/04/1989		MON	Well	42 82656	-107 494
P91282 0\W	MWC 60	Umetco Minerals Corporation	033N	089W	15	SE1/4SW1/4	03/19/1993		MIS	Well	42 82656	-107 494
P91283.0W	MWC 61	Umetro Minerals Corporation	033N	089W	15	SE1/4SW1/4	03/19/1993	+	MIS	Well	42,82656	-107.494
P91284 0W	MWC 62	Umetco Minerals Corporation	033N	W/980	15	SE1/4SW1/4	03/19/1993		MIS	Well	42 82656	-107.494
P67151 0W	MW8		033N	W/980	15	SW1/4NF1/4	04/23/1984	-	MON	Well	42 83374	-107 4892
P67152.0W	MW10		033N	089W	15	SW1/4NE1/4	04/23/1984		MON	Well	42.83374	-107.4892
P198334.0W	Aliob #2	US Department of Energy	033N	089W	15	SW1/4NE1/4	11/22/2011	Complete	STK	Well	42.833331	-107.486978
P67179.0W	DW3		033N	089W	15	SW1/4NW1/4	04/23/1984		MON	Well	42.83387	-107.49887
P67185.0W	HW3		033N	089W	15	SW1/4NW1/4	04/23/1984		MON	Well	42.83387	-107.49887
P67186.0W	HW4		033N	089W	15	SW1/4NW1/4	04/23/1984		MON	Well	42.83387	-107.49887
P67164.0W	GW5		033N	089W	15	SW1/4SE1/4	04/23/1984	1	MON	Well	42.82649	-107.48916
P67174.0W	PW7		033N	089W	15	SW1/4SE1/4	04/23/1984		MON	Well	42.82649	-107.48916
P67169.0W	PW2		033N	089W	15	SW1/4SW1/4	04/23/1984		MON	Well	42.82663	-107.49884
P67170.0W	PW3		033N	089W	15	SW1/4SW1/4	04/23/1984		MON	Well	42.82663	-107.49884
P67183.0W	HW1		033N	089W	15	SW1/4SW1/4	04/23/1984	1	MON	Well	42.82663	-107.49884
P105494.0W	MW 71A	Umetco Minerals Corporation	033N	089W	16	NE1/4NE1/4	04/11/1997		MON	Well	42.83756	-107.50376
P105495.0W	MW 71B	Umetco Minerals Corporation	033N	089W	16	NE1/4NE1/4	04/11/1997	Complete	MON	Well	42.83756	-107.50376
P67184.0W	HW2		033N	089W	16	NE1/4SE1/4	04/23/1984		MON	Well	42.83028	-107.50373
P67175.0W	EPW1		033N	089W	16	SE1/4SE1/4	04/23/1984		MON	Well	42.82667	-107.50372
P162305.0W	Process Water Well #6	Umetco Minerals Corporation	033N	089W	18	NE1/4SW1/4	08/16/2004	Complete	IND GW; MIS	Well	42.830431	-107.552961
P93801.0W	PWR #107 Spring (77)	USDI - BLM	033N	089W	18	NE1/4SW1/4	04/17/1926	Fully Adjudicated	STK	Well	42.83043	-107.55296
P46385.0W	Cole #80	Matador Cattle Co.	033N	089W	18	SW1/4NW1/4	08/14/1978	Fully Adjudicated	STK	Well	42.83406	-107.55787
P45371.0W	Monitor Well GW 10	Power Resources Inc.	033N	089W	21	SE1/4SE1/4	09/26/1978		MON	Well	42.81217	-107.50368
P106690.0W	GW 10 A	Power Resources Inc.	033N	089W	21	SE1/4SE1/4	07/01/1997	Complete	MON	Well	42.81217	-107.50365
P80489.0W	LA 6	Lidstone & Anderson Inc.	033N	089W	22	NE1/4NE1/4	08/14/1989	Complete	MON	Well	42.82281	-107.4843
P93567.0W	LA-8	Lidstone & Anderson Inc.	033N	089W	22	NE1/4NE1/4	12/10/1993	Complete	MON	Well	42.82281	-107.4843
P67163.0W	GW4		033N	089W	22	NE1/4NW1/4	04/23/1984	· · · · · · · · · · · · · · · · · · ·	MON	Well	42.82294	-107.49398
P67172.0W	PW5		033N	089W	22	NE1/4NW1/4	04/23/1984		MON	Well	42.82294	-107.49398
P67173.0W	PW6		033N	089W	22	NE1/4NW1/4	04/23/1984		MON	Well	42.82294	-107.49398
P67167.0W	GW8		033N	089W	22	NE1/4NW1/4	04/23/1984	Complete	MON	Well	42.82294	-107.49398
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(1)050.00 (m, f) (m) (m) (m) (m) (m)	Permit Number (Appropriation)	Facility Name	Permittee	Twn	Rng	Sec	Qtr-Qtr	Priority	Status	Uses	Facility Type	Latitude	Longitude
Picked AV Proof Respires Proof Respir	P105497.0W	MW 73	Umetco Minerals Corporation	033N	089W	22	NE1/4NW1/4	04/11/1997		MON	Well	42.82294	-107.49398
Pibeles/W FixAU 971 Poort Resurces inc. Dial Pic/Very M Pic/Ve	P106684.0W	PIXMO97-1	Power Resources Inc.	033N	089W	22	NE1/4SW1/4	07/01/1997	Complete	MON	Well	42.81566	-107.49385
Philosom Overs Description Distance	P106686.0W	PIX MU 97-1	Power Resources Inc.	033N	089W	22	NE1/4SW1/4	07/01/1997	Complete	MON	Well	42.81574	-107.49391
Pédédé 0// Labore Labore <thlabore< th=""> <thlabore< th=""> <thlabore< td=""><td>P67165.0W</td><td>GW6</td><td></td><td>033N</td><td>089W</td><td>22</td><td>NW1/4NE1/4</td><td>04/23/1984</td><td></td><td>MON</td><td>Well</td><td>42.82288</td><td>-107.48914</td></thlabore<></thlabore<></thlabore<>	P67165.0W	GW6		033N	089W	22	NW1/4NE1/4	04/23/1984		MON	Well	42.82288	-107.48914
IPAT ISAN PPW2 Diaba Diaba <	P80488.0W	LA 5	Lidstone & Anderson Inc.	033N	089W	22	NW1/4NE1/4	08/14/1989	Complete	MON	Well	42.82288	-107.48914
PhyT210000 CPAN 2 PMX24NVLVA PMX24NVLVAVLVA PMX24NVLVAVLVAVLVA <th< td=""><td>P67176.0W</td><td>EPW2</td><td></td><td>033N</td><td>089W</td><td>22</td><td>NW1/4NW1/4</td><td>04/23/1984</td><td></td><td>MON</td><td>Well</td><td>42.82301</td><td>-107.49882</td></th<>	P67176.0W	EPW2		033N	089W	22	NW1/4NW1/4	04/23/1984		MON	Well	42.82301	-107.49882
Print DW MWS005 MWS015 MVR Veril OVAL Veril Add 2003 2003 <td>P67177.0W</td> <td>EPW3</td> <td></td> <td>033N</td> <td>089W</td> <td>22</td> <td>NW1/4NW1/4</td> <td>04/23/1984</td> <td></td> <td>MON</td> <td>Well</td> <td>42.82301</td> <td>-107.49882</td>	P67177.0W	EPW3		033N	089W	22	NW1/4NW1/4	04/23/1984		MON	Well	42.82301	-107.49882
PS723.0V RV1 RV1 RV1 RV1 RV1	P67180.0W	MW30026		033N	089W	22	NW1/4NW1/4	04/23/1984		MON	Well	42.82301	-107.49882
pr:/12.000 NV2 NV2 NV3 NV3 NV4 NV4 NV4 NV4 N	P67181.0W	RW1		033N	089W	22	NW1/4NW1/4	04/23/1984		MON	Well	42.82301	-107.49882
prinklip NMS2 NMS4 Verge NMS4 Verge NMS4 Verge <	P67182.0W	RW2		033N	089W	22	NW1/4NW1/4	04/23/1984		MON	Well	42.82301	-107.49882
p155458.00 MV 72 MV 74	P144110.0W	MW82		033N	089W	22	NW1/4NW1/4	04/26/2002	Complete	MON	Well	42.82301	-107.49882
Pin3648 0/m MV 2 MVM2/MV/M MVMM2/MV/M MVMM2/MV/M <th< td=""><td>P105498.0W</td><td>MW 74</td><td>Umetco Minerals Corporation</td><td>033N</td><td>089W</td><td>22</td><td>NW1/4NW1/4</td><td>04/11/1997</td><td></td><td>MON</td><td>Well</td><td>42.82301</td><td>-107.49882</td></th<>	P105498.0W	MW 74	Umetco Minerals Corporation	033N	089W	22	NW1/4NW1/4	04/11/1997		MON	Well	42.82301	-107.49882
Physical Veca Poind Reservoir USD - BLM D33 D83% Veca Poind Reservoir STO, WLC 2004 Reservoir 4.2.8.1956 1.07.4.8005 R64450.0V I, A 7 Lickture R. Anderson Inc. D33 D83% D28 Veca Poind Reservoir V	P105496.0W	MW 72	Umetco Minerals Corporation	033N	089W	22	NW1/4NW1/4	04/11/1997	Complete	MON	Well	42.82301	-107.49882
CR C45:070 Veca Prod Regervoir USD - RM Olisance & Alteriance Olizance & Alteriance Olizance & Alteriance Olizance & Alteriance Olizance & Alteriance RA930.00 Sage Inte ni I Matado Cattle Co. Olizance & Alteriance	P9573.0R	Veca Pond Reservoir	USDI - BLM	033N	089W	22	NW1/4SW1/4	01/23/1990	Unadjudicated	STO; WIL; COMBBU	Reservoir	42.815969	-107.498363
PADD000/ A.7 Udstore & Anderson Inc. O331 OS97 D3 NV1/AVV1/4 OS/LV329 Complete MNN Weil 4.7.2770 107.4924 PA378.00V Bearer Rm 72 Matador Cattle Co. 0330 0897 25 NV1/AVX1/4 07/13758 Complete STA Weil 4.2.8643 107.4342 P3756.00V Bearer Rm 72 Cap Pter Reservoir USD-IBLM 0330 0897 27 NV1/AVX1/4 07/21328 Complete MON Weil 4.2.807647 107.44922 P3566.0V Monitor Veilor V Dower Resources Inc. 0330 0897 27 NV1/AVX1/4 07/21328 Complete MON Weil 4.2.80764 107.44922 P1004.0R Bussil Reservoir Highart Unaium Project Power Resources Inc. 0330 0897 27 NV1/ARE1/4 07/21324 UAdjuicated STO Reservoir 42.80329 107.49328 P1004.04 Bussil Reservoir Highart Unaium Project Power Resources Inc. 0330 08997 25 STI/AWV1/4 <td>CR CR15/076</td> <td>Veca Pond Reservoir</td> <td>USDI - BLM</td> <td>033N</td> <td>089W</td> <td>22</td> <td>NW1/4SW1/4</td> <td>01/23/1990</td> <td>Fully Adjudicated</td> <td>STO; WL</td> <td>Reservoir</td> <td>42.816453</td> <td>-107.498203</td>	CR CR15/076	Veca Pond Reservoir	USDI - BLM	033N	089W	22	NW1/4SW1/4	01/23/1990	Fully Adjudicated	STO; WL	Reservoir	42.816453	-107.498203
PAG572 0W Sage Hum #1 Mutador Cattle Co. 0330 089W 72 Str/VASE1/A 007/17/98 Complete Str Weil 42.280843 1007.484 PT3256 0W Montor Weil GW 8 Shewr King Mines, Inc. 0331 089W 27 NE/L/NEL/A 0/17/1986 Complete NON Weil 42.280843 107.484 R43580 0W Montor Weil GW 8 Cap PIR Beervoir Power Resources Inc. 0331 089W 27 NE/L/NEL/L/UV/L/1984 Cing Vir.186evroir 42.200243 107.49421 R43583 0W Montor Weil GW 7 Power Resources Inc. 0331 089W 27 NE/L/SWL/L 007/31/1984 Cing Vir.186evroir 42.20023 107.49430 R104010R Cap PIR Beervoir USDI- BLM 0330 089W 27 NE/L/SWL/L 007/31/1984 Ling/Mindeted STO Reservoir 42.80023 107.49365 R104010R Buss IR Beervoir USDI- BLM 0331 089W 27 SE/L/WWL/L 007/31/1984 Ling/Mindeted STO Reservoir 42.800321 107.49365 R104010R	P80490.0W	LA 7	Lidstone & Anderson Inc.	033N	089W	23	NW1/4NW1/4	08/14/1989	Complete	MON	Well	42.82279	-107.47941
Pi2/E6.0V Seven Yim #2 Number Yim #2	P46378.0W	Sage Hen #1	Matador Cattle Co.	033N	089W	26	SE1/4SE1/4	08/14/1978	Complete	STK	Well	42.79767	-107.46452
PassBo0/m Montor Weil GW 8 Elver King Mines, Inc. 0310 0380 27 NL1/4K1/4 09/26/17/8 Complete MON Weil 4.28.08/3 1.007.492 RG13D/07 Gap Pit Reservoir USD - ILM 0331 0389 27 NL1/45/1/4 09/21/139 Full Multicated STO Reservoir 42.80123 1.007.4921 PASSB GAU Montor Weil GW 7 Power Resources Inc. 0331 0389 27 NL1/45/1/4 09/21/194 Full Multicated STO Reservoir 42.80123 1.007.4932 PO040.0R Gap Pit Reservoir USD - ILM 0331 0898 27 NL1/45/1/4 03/11/949 Full Adjudicated STO Reservoir 42.80123 1.007.4932 P0040.0R Buss IR Reservoir USD - ILM 0331 0898 27 SUL/45/1/4 03/31/1949 Full Adjudicated STO Reservoir 42.80123 1.007.4932 P0030.0R Buss IR Reservoir Highart Unnum Project Power Resources Inc. 0331 03808 27 SUL/49/1/4	P71766.0W	Beaver Rim #2		033N	089W	27	NE1/4NE1/4	01/17/1986	Complete	 STK	Well	42.80843	-107.4842
CI CLISU797 Cap Pit Reservoir USD : BLA 0334 069W 27 VEX.JASLA 0231994 Fully Adjuictanded STO Reservoir 42.807647 107/24822 PASSB6.DW Monito Well Wardsources inc. 0334 069W 27 NEJ.ASSLA 07/24822 NORN Well 42.80125 107/24822 PLOBALDR Buss III Reservoir Highant Uranium Project Power Resources inc. 0334 089W 27 NEJ.ASSLA 07/24124 0/24124 0/24124 0/24124 0/24124 0/24124 0/24124 0/24124	P45369.0W	Monitor Well GW 8	Silver King Mines, Inc.	033N	089W	27	NE1/4NE1/4	09/26/1978	Complete	MON	Well	42.80843	-107.4842
Physical Montor Veli GW 7 Power Resources Inc. 0334 089W 27 EL/YSEL/4 09/28/1782 Complete MON Well 42.80125 -107.4841 010040 08 buss III Reservoir USDI - BLM 0334 089W 27 PEL/45W1/4 03/3/1294 Huly Adjudicated STO Reservoir 42.80125 -107.49340 01041 08 Cap PI Reservoir Highant Unalum Project Power Resources Inc. 0334 089W 27 SEL/AWU/4 04/26/1984 Huly Adjudicated MIS Weil 42.80125 107.49356 02303 0R Buss I Reservoir Power Resources Inc. 0334 089W 27 SEL/AWU/4 04/26/1984 Huls Adjudicated MIS Weil 42.80126 107.49356 02303 0R Buss I Reservoir Highant Unalum Project Power Resources Inc. 0334 0834 089W 27 SEL/AWU/4 03/3/1/394 Hulg/Adjudicated STO Reservoir 42.80162 107.50356 02303 0R Buss I Reservoir USSEGUW WSSEGM1 RESUSEVILL	CR CR15/079	Cap Pit Reservoir	USDI - BLM	033N	089W	27	NE1/4NW1/4	03/31/1994	Fully Adjudicated	STO	Reservoir	42.807647	-107.492222
P1004.00ft Buss III Reservoir Highant Uranium Project Power Resources Inc. 0331 039W 27 REL/KSW1/4 03/31/1994 Linvalguidated STO Reservoir 42.80125 -107.4950 P10041.07R Cap Pic Reservoir Highlant Uranium Project Power Resources Inc. 0331 039W 27 RVIX/VIA 03/31/1994 Linvalguidated STO Reservoir 42.800325 -107.49505 P5250 0/W Buss I Reservoir Power Resources, et al. 0331 038W 27 SVI/4WVI/4 04/26/194 MIS Well 42.800325 -107.49505 P10039 0/H Buss I Reservoir Highlant Uranium Project Power Resources Inc. 0331 089W 27 SVI/4WVI/4 04/26/1994 MIS Well 42.801451 107.49665 P10039 0/H Buss I Reservoir Highlant Uranium Project Power Resources Inc. 0334 089W 27 SVI/4WVI/4 04/37/1994 Linvalguidated STO Reservoir 42.80451 107.49666 P10358.00W KissMis Well 42.80451 107.49666 Not	P45368.0W	Monitor Well GW 7	Power Resources Inc.	033N	089W	27	NE1/4SE1/4	09/26/1978	Complete	MON	Well	42.80125	-107.48416
CR C15/078 Busil III Reservoir USD1. BLM 0330 089W 27 NEX/45WL/A 037/11994 Ling/ductated STO Reservoir 42.80825 107 49205 P95390.W Busil Reservoir Power Resources Inc. 0330 089W 27 NV1/AVR1/L 03/11994 Ling/ductated STO Reservoir 42.80932 107 49255 P0303.00 Busil Reservoir Power Resources Inc. 0330 089W 27 STV/AVR1/L 03/51196 Mis Well 42.8095 107.49255 P03358.00 Busil Reservoir USD1 - BLM Oppet Resources Inc. 0334 089W 27 SW1/4NW1/L 03/31/1994 Fully Adjudcated STO Reservoir 42.80429 107.49565. P13358.0W Carol Welf # 1 Power Resources Inc. 0334 089W 28 NU/4NW1/L 03/31/1994 Indijudcated STO Reservoir 42.80427 107.49565. P13358.0W Carol Welf # 1 Power Resources Inc. 0334 089W 28 NU/4SU1/4 03/31/1994	P10040.0R	Buss III Reservoir	Highlant Uranium Project Power Resources Inc.	033N	089W	27	NE1/4SW1/4	03/31/1994	Unadjudicated	STO	Reservoir	42.801259	-107.49386
P10041.0ft Cap Pt Reservoir Highant Uranium Project Power Resources Inc. 0331 089W P7 WV1/AHK1/4 03/31/1994 Unagludicated STO Reservoir 43.80325 107492255 D95230 0W Buss I Reservoir Power Resources, et al. 0331 089W 27 SE1/AWV1/4 04/267194 Unagludicated STO Reservoir 42.80452 107.49255 P100330 0H Buss I Reservoir Highlant Uranium Project Power Resources Inc. 0334 089W 27 SE1/AWV1/4 04/271944 Unagludicated STO Reservoir 42.804527 107.49255 P103566.0W Wisi6M-1 Power Resources Inc. 0334 089W 28 NE1/452/4 08/27196 Complete MON Well 42.804517 107.49265 P103566.0W Wisi6M-1 Power Resources Inc. 0334 089W 28 NE1/452/4 08/27196 Complete MON Well 42.80438 107.50365 P10359.0W Wisi6M-1 Power Resources Inc. 0334 089W 81 NE1/	CR CR15/078	Buss III Reservoir	USDI - BLM	033N	089W	27	NE1/4SW1/4	03/31/1994	Fully Adjudicated	STO	Reservoir	42.801625	-107.495403
P95290.W Biss I Reservoir Period 0330 089W 27 SE1/ANVU/4 04/26/1994 Fully Adjudcated MIS Weil 42.8049 107.4988 CR UV10/040 Buss I Reservoir Highant Uranum Project Power Resources Inc. 0331 089W 27 SV1/ANVU/4 03/3/1/994 Unadjudicated STO Reservoir 42.8045 -107.49822 CR CR15/077 Buss I Reservoir USD I = BL Over Resources Inc. 0334 089W 28 NR1/ASVL/4 03/3/1/994 Fully Adjudcated STO Reservoir 42.80452 -107.49632 P103586.0W WSL56M-1 Power Resources Inc. 0334 089W 28 NR1/ASVL/4 03/27/208 Complete MON Weil 42.8049 -107.5036 P10358.0W WSL56MP1 Power Resources Inc. 0334 089W 28 NR1/ASVL/4 10/07/1093 Complete MON Weil 42.8049 -107.5036 P10358.0W WSL5813-38.91(9weils) - Gas Hills Mine Unit 1 Cameco Resources Inc. 0334 089W <td< td=""><td>P10041.0R</td><td>Cap Pit Reservoir</td><td>Highlant Uranium Project Power Resources Inc.</td><td>033N</td><td>089W</td><td>27</td><td>NW1/4NE1/4</td><td>03/31/1994</td><td>Unadjudicated</td><td>STO</td><td>Reservoir</td><td>42.809325</td><td>-107.492552</td></td<>	P10041.0R	Cap Pit Reservoir	Highlant Uranium Project Power Resources Inc.	033N	089W	27	NW1/4NE1/4	03/31/1994	Unadjudicated	STO	Reservoir	42.809325	-107.492552
CR LW0/404 Buss I Reservoir Power Resources, et al. 0330 039W 27 SEL/AWW1/4 04/26/1994 MIS Weil 42.8049 -107.49832 P10039.0R Buss I Reservoir USO1 - BLM 0331 089W 27 SW1/AWW1/4 03/31/1994 Linadjuicated STO Reservoir 42.80367 -107.49832 P10358.0F WSU56M-1 Power Resources Inc. 0334 089W 28 NE1/4/SEL/4 08/27/1996 Complete MON Weil 42.803047 -107.50368 P103580.0W WSU56M-1 Power Resources Inc. 0334 089W 28 NE1/4/SEL/4 08/27/1996 Complete MON Weil 42.803047 -107.50368 P103591.0W WSU56MF1 Power Resources Inc. 0334 089W 28 NE1/4/SEL/4 08/27/1996 Complete MON Weil 42.803047 -107.50368 P108573.0W NEL/SEL/4 10/07/1993 Complete MON Weil 42.786524 -107.54271 P198578.0W NLS	P95290.0W	Buss Reservoir		033N	089W	27	SE1/4NW1/4	04/26/1994	Fully Adjudicated	MIS	Well	42.8049	-107.493869
P10039.0R Busi Reservoir Highant Uranium Project Power Resources inc. 033 089W 27 SW1/4NW1/4 03/31/194 Iunadjudicated STO Reservoir 42.80487 107.49632 R CR15/077 Busi Reservoir USD I BLM Dawer Resources inc. D33N 089W 27 SW1/AWV1/4 03/31/1944 Iuly Adjudicated STO Reservoir 42.80367 107.496632 P103566.0W WS196M1 Power Resources inc. D33N 089W 28 NE1/45W1/4 01/07/2008 Complete MON Well 42.80367 107.51268 P103591.0W WS196M1 Power Resources inc. 033N 089W 28 NE1/45W1/4 01/07.1905 Complete MON Well 42.80491 107.5036 P198579.0W NE/55 133-89(9wells)-Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 NE1/45V1/4 06/07/1902 Incomplete MON Well 42.78664 107.55267 P198579.0W ML96 M-1 Cameco Resources inc. 033N 089W 31	CR UW10/404	Buss I Reservoir	Power Resources, et al.	033N	089W	27	SE1/4NW1/4	04/26/1994		MIS	Well	42.8049	-107.49387
CR CR15/077 Bust Reservoir USD1 Bust Reservoir 42.803£17 -107.49565 P103586.0W WS196M-1 Power Resources Inc. 033N 089W 28 NE1/4SE1/4 08/29/1996 Complete MON Well 42.803£7 -107.50366 P103586.0W Carol Well # 1 Power Resources Inc. 033N 089W 28 NE1/4SW1/4 01/07/2008 Complete MON Well 42.803047 -107.53268 P103591.0W WS196MP1 Power Resources Inc. 033N 089W 28 NE1/4SW1/4 01/07/2008 Complete MON Well 42.80313 -107.5306 P10359.0W PRIFA PAIL PAIL PAIL 033N 089W 28 SE1/48E1/4 08/08/2012 Incomplete MON Well 42.80314 -107.5305 P10358.0V MULMP 97.1 Power Resources Inc. 033N 089W 31 NE1/4SE1/4 08/08/2012 Incomplete MON Well 42.78052 -107.53257 P10358.0V MUL	P10039.0R	Buss Reservoir	Highlant Uranium Project Power Resources Inc.	033N	089W	27	SW1/4NW1/4	03/31/1994	Unadjudicated	STO	Reservoir	42.804587	-107.496324
P10358.0W WSL96M-1 Power Resources Inc. 033N 089W 28 NE1/45:1/4 08/27/996 Complete MON Weil 42.80128 1.07.5026 P184398.0W Carol Weil # 1 Power Resources Inc. 033N 089W 28 NE1/45:1/4 01/07/2008 Complete MON Weil 42.80134 1.07.50355 P103591.0W WSL96MP1 Power Resources Inc. 033N 089W 28 SE1/4HE1/4 10/01/1993 Complete MON Weil 42.80134 1.07.50355 P198579.0W NE/SE 31-33-89(9wells)- Gas Hills Mine Unit 1 Carneco Resources Inc. 033N 089W 31 NE1/45E1/4 08/08/2012 Incomplete MON Weil 42.786564 -107.52267 P107830.0W MU 96 M-1 Carneco Resources Inc. 033N 089W 31 NE1/45E1/4 08/02/2012 Incomplete MON Weil 42.786564 -107.55257 P103587.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 08/02/2012	CR CR15/077	Buss I Reservoir	USDI - BLM	033N	089W	27	SW1/4NW1/4	03/31/1994	Fully Adjudicated	STO	Reservoir	42.803617	-107.496661
P184398.0W Carol Well # 1. Power Resources Inc. 033N 089W 28 PL/43W1/4 01/07/2008 Complete MIS. MIS Weil 42.803047 -107.52685 P103591.0W PKI #1 PRE for/momental Inc. 033N 089W 28 NW1/45E1/4 06/29/1996 Complete MON Well 42.80341 -107.5036 P195579.0W NE/SE 31.33-89(9wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 NE1/45E1/4 10/07/1208 Complete MON Well 42.80491 -107.5036 P107833.0W MUMP 97.1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 00/67/097 Complete MON Well 42.78664 -107.55267 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 08/29/1396 Complete MON Well 42.78704 -107.55257 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 08/29/1996 <t< td=""><td>P103586.0W</td><td>WSL96M-1</td><td>Power Resources Inc.</td><td>033N</td><td>089W</td><td>28</td><td>NE1/4SE1/4</td><td>08/29/1996</td><td>Complete</td><td>MON</td><td>Well</td><td>42.80128</td><td>-107.50366</td></t<>	P103586.0W	WSL96M-1	Power Resources Inc.	033N	089W	28	NE1/4SE1/4	08/29/1996	Complete	MON	Well	42.80128	-107.50366
P103591.0W WSL96MP1 Power Resources Inc. 033N 089W 28 NW1/4SE1/4 08/29/1996 Complete MON Weil 42.8031 107.5036 P92914.0W PR1 f1 Cameco Resources 033N 089W 28 SE1/4NE1/4 10/01/1933 Complete MON Weil 42.8041 -107.5036 P19857.0W NE/SS 31-33-89(9wells)- Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 089W 31 NE1/4SE1/4 10/01/1933 Complete MON Weil 42.78654 -107.52627 P198578.0W NL/SW31-33-89(4wells)- Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29126 Incomplete MON Weil 42.78704 -107.55257 P103587.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29190 Complete MON Weil 42.78704 -107.55257 P103587.0W Muskrat PUMP Power Resources Inc. 033N 089W 31 NV1/4SE1/4 08/2	P184398.0W	Carol Well # 1	Power Resources Inc.	033N	089W	28	NE1/4SW1/4	01/07/2008	Complete	MIS; MIS	Well	42.803047	-107.512689
PP214.0W PRI #1 PRI Environmental Inc. 033N 089W 28 SE1/4ME1/4 10/7.11/933 Complete MON Weil 42.80491 -107.5036 P198579.0W MLMP 97-1 Power Resources Inc. 033N 089W 31 NE1/45E1/4 08/08/2012 Incomplete MON Weil 42.78652 -107.54271 P198578.0W NE/SS31-33-89(Awells) - Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 089W 31 NE1/45W1/4 08/08/2012 Incomplete MON Weil 42.78654 -107.55257 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 08/29190 Complete MON Weil 42.78704 -107.55257 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/45W1/4 08/29190 Complete MON Weil 42.78704 -107.55257 P10358.0W MUskrat-MO Power Resources Inc. 033N 089W 31 NE1/45W1/4 06/28/1990 Com	P103591.0W	WSL96MP1	Power Resources Inc.	033N	089W	28	NW1/4SE1/4	08/29/1996	Complete	MON	Well	42.80133	-107.50856
P19557:0.W NE/SE 31-33-89(9wells) - Gas Hills Mine Unit 1 Cameco Resources inc. 033N 089W 31 NE1/4SE1/4 08/09/2012 Incomplete MON Well 42.786522 1-07.5427 P107330.0W MUMP 97-1 Power Resources inc. 033N 089W 31 NE1/4SU1/4 08/09/2012 Incomplete MON Well 42.78659 -107.5427 P103578.0W MU 96 M-2 Power Resources inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Well 42.78654 -107.55257 P103588.0W MU 96 M-1 Power Resources inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Well 42.78674 -107.55257 P103588.0W MU 96 M-1 Power Resources inc. 033N 089W 31 NU1/4SU1/4 08/29/1996 Complete MON Well 42.78704 -107.55257 P19857.0W MUskrat PUMP Power Resources inc. 033N 089W 31 NU1/4SE1/4 08/204201	P92914.0W	PRI #1	PRI Environmental Inc.	033N	089W	28	SE1/4NE1/4	10/01/1993	Complete	MON	Well	42.80491	-107.50367
P107839.0W MUMP 97-1 Power Resources Inc. 033N 089W 31 NE1/4SE1/4 10/06/1997 Complete MON Weil 42.78659 -107.5227. P19857.0W ML96 M-2 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78659 -107.55257 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78670 -107.55257 P10358.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78704 -107.55257 P12857.0W Muskrat-MO Power Resources Inc. 033N 089W 31 NW1/4SE1/4 08/08/2012 Incomplete MON Weil 42.78704 -107.55257 P12857.0W Muskrat PUP Power Resources Inc. 033N 089W 31 NW1/4SE1/4 06/28/1990 Complete MON	P198579.0W	NE/SE 31-33-89(9wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	NE1/4SE1/4	08/08/2012	Incomplete	MON	Well	42.786522	-107.542717
P198578.0W NE/SW31-33-89(4wells)- Gas Hills Mine Unit 1 Cameco Resources inc. O33N O89W 31 NE1/4SW1/4 O8/08/2012 Incomplete MON Well 42.78656 inconsplete P103587.0W MU 96 M-2 Power Resources inc. O33N O89W 31 NE1/4SW1/4 O8/29/1996 Complete MON Well 42.78656 inconsplete MON Well 42.78656 inconsplete MON Well 42.78704 inconsplete MON Well 42.78701 inconsplete MON <	P107839.0W	MUMP 97-1	Power Resources Inc.	033N	089W	31	NE1/4SE1/4	10/06/1997	Complete	MON	Well	42.78699	-107.54272
P103587.0W MU 96 M-2 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78704 -107.55255 P103588.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78704 -107.55255 P82823.0W Muskrat-MO Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78704 -107.55255 P18857.0W NW/SE31-33.89(16wells)- Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 038W 31 NW1/4SE1/4 06/28/1990 Complete MON Weil 42.78701 -107.5476 P12857.0W Muskrat MP Power Resources Inc. 033N 089W 31 NW1/4SE1/4 06/28/1990 Complete MON Weil 42.78701 -107.5476 P13857.0W SE/K313-38-9(Lwells)- Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 SE1/4SU/4 0	P198578.0W	NE/SW31-33-89(4wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	NE1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.786564	-107.552678
P103588.0W MU 96 M-1 Power Resources Inc. 033N 089W 31 NE1/4SW1/4 08/29/1996 Complete MON Weil 42.78704 107.55255 P82823.0W Muskrat-MO Power Resources Inc. 033N 089W 31 NE1/4SW1/4 06/28/1990 Complete MON Weil 42.78704 107.55255 P18577.0W NWs/Sa1-33-89(16wells)- Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 089W 31 NW1/A5E1/4 06/28/1990 Complete MON Weil 42.78704 107.57525 P82825.0W Muskrat PUMP Power Resources Inc. 033N 089W 31 NW1/A5E1/4 06/28/1990 Complete MON Weil 42.78701 107.5476 P82825.0W Muskrat PUMP Power Resources Inc. 033N 089W 31 SE1/4NE1/4 06/28/1990 Complete MON Weil 42.78701 107.5476 P19857.0W SE/S31-33-89(Awells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 SE1/4SW1/4	P103587.0W	MU 96 M-2	Power Resources Inc.	033N	089W	31	NE1/4SW1/4	08/29/1996	Complete	MON	Well	42.78704	-107.55259
P82823.0W Muskrat-MO Power Resources Inc. 033N 089W 31 NE1/4SW1/4 06/28/1990 Complete MON Well 42.78704 107.55255 P198577.0W MvSfs31-33-89(16wells) - Gas Hills Mine Unit 1 Cameco Resources Inc. 033N 089W 31 NW1/45E1/4 08/08/2012 Incomplete MON Well 42.78704 -107.54768 P82825.0W Muskrat PUMP Power Resources Inc. 033N 089W 31 NW1/45E1/4 06/28/1990 Complete MON Well 42.78704 -107.54768 P82825.0W Muskrat MP Power Resources Inc. 033N 089W 31 NW1/45E1/4 06/28/1990 Complete MON Well 42.78704 -107.54768 P18857.6W SE/NE31-33-89(4wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 SE1/4NE1/4 08/08/2012 Incomplete MON Well 42.78017 -107.54768 P19857.0W SE/NS13-389(3wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31	P103588.0W	MU 96 M-1	Power Resources Inc.	033N	089W	31	NE1/4SW1/4	08/29/1996	Complete	MON	Well	42.78704	-107.55259
P198577.0W NW/SE31-33-89(16wells) - Gas Hills Mine Unit 1 Cameco Resources Inc. O33N 089W 31 NW1/4SE1/4 08/08/2012 Incomplete MON Well 42.7865 107.54758 P82824.0W Muskrat PUMP Power Resources Inc. 033N 089W 31 NW1/4SE1/4 06/28/1990 Complete MON Well 42.7867 107.54768 P82825.0W Muskrat MP Power Resources Inc. 033N 089W 31 NW1/4SE1/4 06/28/1990 Complete MON Well 42.7807 107.54768 P19857.0W St/SN31-33-89(12wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 St1/4NE1/4 08/08/2012 Incomplete MON Well 42.7807 107.54768 P19857.0W St2/SW31-33-89(12wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 St1/4NE1/4 08/08/2012 Incomplete MON Well 42.7807 107.54768 P19857.0W SW/St31-33-89(2wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 0	P82823.0W	Muskrat-MO	Power Resources Inc.	033N	089W	31	NE1/4SW1/4	06/28/1990	Complete	MON	Well	42.78704	-107.55259
P82824.0WMuskrat PUMPPower Resources Inc.033N089W31NW1/4SE1/406/28/1990CompleteMONWeil42.78701-107.547.64P82825.0WMuskrat MPPower Resources Inc.033N089W31NW1/4SE1/406/28/1990CompleteMONWeil42.78701-107.547.64P198576.0WSE/NE31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SE1/4NE1/408/08/2012IncompleteMONWeil42.78017-107.547.64P198576.0WSE/SW31-33-89(12wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SE1/4NE1/408/08/2012IncompleteMONWeil42.78017-107.547.64P198576.0WSE/SW31-33-89(3wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SE1/4SU1/408/08/2012IncompleteMONWeil42.78015-107.547.64P198577.0WSW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWeil42.78015-107.547.64P198577.0WSW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWeil42.78017-107.547.64P198572.0WSW/SE 31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources Inc.033N089W31SW1/4SW1/408/08/2012IncompleteMONWeil42.78017-107.557.64<	P198577.0W	NW/SE31-33-89(16wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	NW1/4SE1/4	08/08/2012	Incomplete	MON	Well	42.7865	-107.547581
P82825.0WMuskrat MPPower Resources Inc.03N089W31NW1/4SE1/406/28/1990CompleteMONWell42.78701107.547.64P198576.0WSE/NE31-33-89(4wells)-Gas Hills Mine Unit 1Cameco Resources03N089W31SE1/4NE1/408/08/2012IncompleteMONWell42.78701107.547.64P198575.0WSE/SW31-33-89(12wells)-Gas Hills Mine Unit 1Cameco Resources03N089W31SE1/4SU1/408/08/2012IncompleteMONWell42.78017107.547.64P198576.0WSW/R 31-33-89(3wells)-Gas Hills Mine Unit 1Cameco Resources03N089W31SU/4SU1/408/08/2012IncompleteMONWell42.78017107.547.64P198577.0WSW/SE 31-33-89(2wells)-Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78017107.547.64P198572.0WSW/SW 31-33-89(4wells)-Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78017107.547.64P198572.0WSW/SW 31-33-89(4wells)-Gas Hills Mine Unit 1Cameco Resources Inc.03N089W31SW1/4SU1/408/08/2012IncompleteMONWell42.78017107.547.64P103584.0WB5 06 h-1Power Resources Inc.03N03N089W32NE1/4NW1/408/08/2012IncompleteMONWell42.79425107.537.64	P82824.0W	Muskrat PUMP	Power Resources Inc.	033N	089W	31	NW1/4SE1/4	06/28/1990	Complete	MON	Well	42.78701	-107.54764
P198576.0WSE/NE31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SE1/4NE1/408/08/2012IncompleteMONWell42.79017-107.542760P198575.0WSE/SW31-33-89(12wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SE1/4SW1/408/08/2012IncompleteMONWell42.79015-107.542600P198573.0WSW/K 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4NE1/408/08/2012IncompleteMONWell42.79015-107.547600P198573.0WSW/S 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78017-107.547600P198572.0WSW/SW 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78017-107.547600P198572.0WSW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources03N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78017-107.557670P103584.0WBS 96 M-1Power Resources Inc.03N089W32NE1/4NW1/408/08/2012IncompleteMONWell42.79425-107.53292P112330.0WBSMU-1Power Resources Inc.03N03N089W32NE1/4NW1/410/08/1988CompleteMONWell42.79425-107.53292 <td>P82825.0W</td> <td>Muskrat MP</td> <td>Power Resources Inc.</td> <td>033N</td> <td>089W</td> <td>31</td> <td>NW1/4SE1/4</td> <td>06/28/1990</td> <td>Complete</td> <td>MON</td> <td>Well</td> <td>42.78701</td> <td>-107.54764</td>	P82825.0W	Muskrat MP	Power Resources Inc.	033N	089W	31	NW1/4SE1/4	06/28/1990	Complete	MON	Well	42.78701	-107.54764
P198575.0WSE/SW31-33-89(12wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SE1/4SW1/408/08/2012IncompleteMONWell42.78287-107.552.00P198574.0WSW/KE 31-33-89(3wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4NE1/408/08/2012IncompleteMONWell42.78205-107.574764P198573.0WSW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78205-107.574764P198572.0WSW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78205-107.557674P193572.0WSS 96 M-1Power Resources Inc.033N089W32NE1/4NW1/408/08/2012IncompleteMONWell42.79425-107.557674P112330.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.557674P112330.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.557674P11230.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.557674P11230.0WBSMU-1Power Resources Inc.033N	P198576.0W	SE/NE31-33-89(4wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	SE1/4NE1/4	08/08/2012	Incomplete	MON	Well	42.790117	-107.542756
P198574.0WSW/NE 31-33-89(3wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4NE1/408/08/2012IncompleteMONWell42.79015-107.54767P198573.0WSW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78205-107.54767P198572.0WSW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1Cameco Resources033N089W31SW1/4SE1/408/08/2012IncompleteMONWell42.78205-107.55767P103584.0WB5 96 M-1Power Resources Inc.033N089W32NE1/4NW1/408/29/1996CompleteMONWell42.79425-107.55767P112330.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.55767P112330.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.55767P11230.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.55767P11230.0WBSMU-1Power Resources Inc.033N089W32NE1/4NW1/410/08/1998CompleteMONWell42.79425-107.55767	P198575.0W	SE/SW31-33-89(12wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	SE1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.782897	-107.552606
P198573.0W SW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1 Cameco Resources 03N 089W 31 SW1/4SE1/4 08/08/2012 Incomplete MON Well 42.78295 -107.547600 P198573.0W SW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 SW1/4SE1/4 08/08/2012 Incomplete MON Well 42.78295 -107.557670 P193574.0W S96 M-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/08/2012 Incomplete MON Well 42.78205 -107.557670 P103584.0W BS0H-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/08/2012 Incomplete MON Well 42.78205 -107.557670 P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/08/2012 Incomplete MON Well 42.79425 -107.557670 P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 10/08/1998 Complete MON Well 42.79425 -107.53267	P198574.0W	SW/NE 31-33-89(3wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	SW1/4NE1/4	08/08/2012	Incomplete	MON	Well	42.79015	-107.547678
P198572.0W SW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1 Cameco Resources 033N 089W 31 SW1/4SW1/4 08/08/2012 Incomplete MON Well 42.78307 -107.557678 P103584.0W B5 96 M-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/29/1996 Complete MON Well 42.79425 -107.537678 P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/29/1996 Complete MON Well 42.79425 -107.532678 P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 10/08/1998 Complete MON Well 42.79425 -107.53267	P198573.0W	SW/SE 31-33-89(2wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	SW1/4SE1/4	08/08/2012	Incomplete	MON	Well	42.78295	-107.547608
P103584.0W B5 96 M-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 08/29/1996 Complete MON Well 42.79425 -107.53293 P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 10/08/1998 Complete MON Well 42.79425 -107.53293	P198572.0W	SW/SW 31-33-89(4wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	31	SW1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.783017	-107.557678
P112330.0W BSMU-1 Power Resources Inc. 033N 089W 32 NE1/4NW1/4 10/08/1998 Complete MON Well 42.79425 -107.53293	P103584.0W	BS 96 M-1	Power Resources Inc.	033N	089W	32	NE1/4NW1/4	08/29/1996	Complete	MON	Well	42.79425	-107.53293
	P112330.0W	BSMU-1	Power Resources Inc.	033N	089W	32	NE1/4NW1/4	10/08/1998	Complete	MON	Well	42.79425	-107.53293

Permit Number (Appropriation)	Facility Name	Permittee	Twn	Rng	Sec	Qtr-Qtr	Priority	Status	Uses	Facility Type	Latitude	Longitude
P112331.0W	BSMP-1	Power Resources Inc.	033N	089W	32	NE1/4NW1/4	10/08/1998	Complete	MON	Well	42.79425	-107.53293
P112332.0W	BSMP-2	Power Resources Inc.	033N	089W	32	NE1/4NW1/4	10/08/1998	Complete	MON	Well	42.79425	-107.53293
P112333.0W	BSMP-3	Power Resources Inc.	033N	089W	32	NE1/4NW1/4	10/08/1998	Complete	MON	Well	42.79425	-107.53293
P198571.0W	NE/SW 32-33-89(2wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	32	NE1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.786436	-107.532889
P31501.0W	BS12-1030P		033N	089W	32	NW1/4SE1/4	11/12/1975	Complete	MON	Well	42.78696	-107.52803
P31499.0W	BS12-1028P	Federal American Partners	033N	089W	32	NW1/4SE1/4	11/12/1975	Complete	MON	Well	42.78696	-107.52803
P31500.0W	BS12-1029P	Federal American Partners	033N	089W	32	NW1/4SE1/4	11/12/1975	Complete	MON	Well	42.78696	-107.52803
P198570.0W	NW/SW 32-33-89(9wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	32	NW1/4SW1/4	08/08/2012	Incomplete	MON	Well	42.786531	-107.537808
P198569.0W	SE/NW 32-33-89(5wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	32	SE1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.790092	-107.532986
P112329.0W	BSPW-1	Power Resources Inc.	033N	089W	32	SE1/4NW1/4	10/08/1998	Complete	MON	Well	42.7906	-107.53292
P179593.0W	Gas Hills Water Well-1	Power Resources Inc.	033N	089W	32	SE1/4NW1/4	02/14/2007		MIS	Well	42.7906	-107.53292
P31498.0W	BS12-1027P		033N	089W	32	SW1/4NE1/4	11/12/1975	Complete	MON	Well	42.79059	-107.52804
P31496.0W	BS12-1025P	Federal American Partners	033N	089W	32	SW1/4NE1/4	11/12/1975	Complete	MON	Well	42.79059	-107.52804
P31497.0W	BS12-1026P	Federal American Partners	033N	089W	32	SW1/4NE1/4	11/12/1975	Complete	MON	Well	42.79059	-107.52804
P198568.0W	SW/NW 32-33-89(7wells) - Gas Hills Mine Unit 1	Cameco Resources	033N	089W	32	SW1/4NW1/4	08/08/2012	Incomplete	MON	Well	42.790114	-107.537847
P106687.0W	BUMP97-1	Power Resources Inc.	033N	089W	34	NE1/4NW1/4	07/01/1997	Complete	MON	Well	42.79411	-107.49382
P106688.0W	BUM097-1	Power Resources Inc.	033N	089W	34	NE1/4NW1/4	07/01/1997	Complete	MON	Well	42.7941	-107.4938
P106689.0W	BUMU97-1	Power Resources Inc.	033N	089W	34	NE1/4NW1/4	07/01/1997	Complete	MON	Well	42.79404	-107.49397
P10075.0S	Rim Stock Reservoir		033N	089W	35	NE1/4SW1/4	01/27/1987	Complete	STO	Reservoir	42.786867	-107.474328
CR UW10/187	Lucky MC #8	Wyo Board of Land Commissioners	033N	090W	00		03/14/1958		IND GW	Well		
P3.0W	Lucky MC #8	Pathfinder Mines Corp.	033N	090W	00		03/14/1958	Fully Adjudicated	IND GW	Well		
P682.0G	Lucky MC #5	Pathfinder Mines Corp.	033N	090W	23	NE1/4SW1/4	07/02/1957	Incomplete	DOM GW; IND GW	Not Applicable	42.81735	-107.59184
P438.0G	Lucky MC 1	Pathfinder Mines Corp.	033N	090W	23	NW1/4SE1/4	05/01/1956	Complete	DOM GW	Not Applicable	42.81701	-107.58513
P716.0G	Lucky MC #6	Pathfinder Mines Corp.	033N	090W	23	SW1/4NW1/4	11/21/1957	Incomplete	DOM GW; IND GW	Not Applicable	42.82084	-107.59708
P199352.0W	Lucky MC #14	Range Drilling LLC	033N	090W	24	NE1/4SW1/4	11/21/2012	Complete	MIS	Well	42.816803	-107.572633
P199353.0W	Lucky MC #12	Range Drilling LLC	033N	090W	24	SE1/4NW1/4	11/21/2012	Complete	MIS	Well	42.819489	-107.57465
P175221.0W	Gunnek #1	BRS Inc.	033N	090W	25	NE1/4NW1/4	06/26/2006	Complete	MIS	Well	42.808272	-107.571236
P9723.08	Area 5 Reclamation Reservoir	Pathfinder Mines Corporation	033N	090W	26		12/24/1991	Complete	STO: WIL	Reservoir	42.80346	-107.589297
P439.0G		Pathfinder Mines Corp.	033N	090W	26	NE1/4NW1/4	05/01/1956	Complete	DOM GW	Not Applicable	42.81025	-107.59338
P76997 0W	4WW 1		033N	090W	26	NW1/4SE1/4	05/23/1988	Complete	MON	Well	42.80276	-107.58913
P76996 0W	IGW 1		033N	090W	26	SF1/4NF1/4	05/23/1988	Complete	MON	Well	42.80542	-107.58195
P87215 0W	Area 5 Reclamation Reservoir	Pathfinder Mines Corp	033N	090W	26	SF1/4NW1/4	12/24/1991	Incomplete	MIS	Well	42.80903	-107.59185
P530.0G	lav #1	Vitro Minerals Corporation	033N	W060	26	SW1/4NF1/4	01/29/1957	Incomplete		Not Applicable	42.80536	-107.58642
P501.0G	Lucky MC #3	Pathfinder Mines Corp	033N	090W	26	SW1/4NW1/4	12/03/1956	Incomplete	DOM GW: IND GW	Not Applicable	42.80675	-107.59754
CR CR19/123	Area 5 Reclamation Reservoir	Pathfinder Mines Corp.	033N	W060	26	SW1/4NW1/4	12/24/1991	Fully Adjudicated	STO: WI	Reservoir	42,806861	-107.596611
P76998 0\\/	IGW 3		033N	090W	26	SW1/45F1/4	05/23/1988	Complete	MON	Well	42,79933	-107.58682
P9722 08	Area A Recalmation Reservoir	Pathfinder Mines Corporation	033N	W060	36		12/24/1991	Fully Adjudicated	STO: WIL: COMBBU	Reservoir	42,788949	-107.569661
P191436 0W	Fryay Basin No. 3	Herbst Lazy Ty Ranch LLP	034N	088W	19	NF1/4NW1/4	09/11/2009	Complete	STK	Well	42,907111	-107.430811
P71762 0\W	Roberts Spring	Clear Creek Cattle Co	034N	088W	31	NW1/4NF1/4	09/13/1984	Fully Adjudicated		Well	42,88063	-107.42572
P24172 0P	IE Banch #12-5		0341	0881	32	NE1/4NW1/4	08/13/1973	Complete		Not Applicable	42 88075	-107 41077
P12527.05	Lilly Pad Stock Posonyoir		0241	00000	10	N\N/1/AS\N/1/A	11/01/1982	Eully Adjudicated		Not Applicable	42 906612	-107 548776
P98996 0\A/	Herbst Envay Basin #2		0341	089W	23	NE1/45W1/4	04/20/1995	Complete		Well	42 90264	-107 47464
P06994 0W	Herbst Ervay Basin #2		0241	00014/	123	SVA/1 /ASVA/1 /A	09/25/1004	Complete	<u>стк</u>	Well	42.50204	-107 47959
P13528 05	Lilly Pad Stock Reservoir		0341	08014	20	NE1/AS\N/1/A	11/01/1082	Fully Adjudicated	STO	Not Applicable	42 888447	-107 533792
D174546 0W	Rurgett #1		0241	08014	23	NIN/1/45/01/4	05/04/2006	Complete	стк	Well	-2.000-47	107.555752
D109959 0W		Dhilo Sheen Company	0341	08014	22	NIA/1/ASE1/A	05/02/2000	Complete	стк стк	Spring	42 874279	-107 5095
D160596.0W			0341	00014	20	NE1/4NE1/4	09/25/2012			Wall	47 99176	-107 5621
163280'0M	linam	Iourgett, Glenn H.	_1034N_	Inanm.	30	INC1/4INE1/4	108/25/2005	L		wen	42.00120	-101.2021

