URANERZ ENERGY CORPORATION

Nichols Ranch ISR Project
WDEQ-LQD Permit to Mine No. 778
Annual Report

December 29, 2013 – December 28, 2014

Uranerz Energy Corporation
PO Bo 50850
Casper, WY 82605-0850
307-265-8900

December 2014

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Nichols Ranch ISR Project
WDEQ-LQD Annual Report
Permit to Mine No. 778
December 29, 2013 through December 28, 2014

This report contains the information required by the Wyoming Environmental Quality Act, W.S. §35-11-411 and Uranerz Energy Corporation Nichols Ranch ISR Project Permit to Mine No. 778. The report is formatted to respond to the list of items contained in the Guideline 4 document, "NonCoal InSitu Annual Report Format Draft" that was provided by the Wyoming Department of Environmental Quality – Land Quality Division and requirements found in the Uranerz Energy Corporation Nichols Ranch ISR Project Permit to Mine No. 778 Mine Plan.

I. REQUIRED ANNUAL REPORT INFORMATION

1. General Information

Name of Permittee: Uranerz Energy Corporation
PO Box 50850
Casper, WY 82605-0850
307-265-8900

Mining Permit Number: Permit to Mine No. 778

Date of Permit Issuance: December 29, 2010

Minerals Mined: Uranium

2. Reporting Period

December 29, 2013 – December 28, 2014

TITLE/CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations.

Michael P. Thomas, Vice President Regulatory and Public Affairs
Name and Title of Principal Executive Office or Authorized Agent

Signature of Principal Executive Officer or Authorized Agent Date

II. Mine Operations

A. Operating Wellfields

1. Operational Wells

Uranerz was approved to commence operations on April 15, 2014 by the Nuclear Regulatory Commission (NRC). Production commenced thereafter in Production Area #1 (PA#1). Production occurred from header houses 1 through 4. Figure 3 in Appendix F depicts the wellfield in operation and Appendix B contains the well completion details.

2. Well Completion Details

In addition to the wells for PA#1, Uranerz has two deep disposals wells, NICH DW-1 and NICH DW-4 which were approved for use through the WDEQ-WQD, permit 10-392. The deep disposal wells are installed at Nichols Ranch in the vicinity of the Central Processing Plant (CPP). Figure 1 in Appendix F depicts the location of the deep disposal wells.

B. Water Balance/Hydrology

1. Injection and Production Flow Rates

The production and injection flow rates are automated and recorded continuously via electronic instrumentation at the Central Processing Plant and stored using Rockwell Historian. Table 1 in Appendix A is a tabulation, by month, of the production, injection and bleed flow volumes for Production Area #1.

2. Potentiometric Surface Maps

During production, water levels are collected from monitor wells in the overlying, underlying and production zone aquifers wells twice a month. Using the water level data collected, piezometric maps of the each of the aquifers was created. The maps are Figures 10, 11 and 12 in Appendix F. A comparison of these maps to those provided in the permit application show that the water levels are lower than predicted in the northwest portion of PA#1 and higher in the southwest portion of PA#1. The levels however, are to be expected with production occurring from four header houses rather than the entire wellfield.

3. Wastewater Stream

The two deep disposal wells at the Nichols Ranch Unit, NICH DW-1 and NICH DW-4, were permitted for use by the WDEQ-WQD (permit 10-392) for the purpose of disposing the wellfield bleed to maintain a hydrologic inward gradient during production. The deep disposal wells were utilized starting in April 2014. Quarterly and Annual reports pertaining to the use of the deep disposal wells are submitted to the WDEQ-WQD. In the 3rd Quarter Report to WQD, 131,546 gallons, year to date, have been disposed using the deep wells.

C. Spills

Uranerz reported four unplanned reportable releases within the period. The appropriate verbal and written notifications were submitted to WDEQ-LQD, WQD and NRC as required. Table 2 in Appendix A summarizes the information regarding the unplanned releases. In accordance with Volume VIIII, Section 3.18.2 of the Mine Plan, an illustration of reportable spills is to be provided in the Annual Report. Figure 8, in Appendix F, illustrates the reported unplanned releases location.

D. Excursions

Uranerz has no excursions to report for the period.

E. Mechanical Integrity Testing Results for Existing Wells

Mechanical Integrity Test results are provided in Quarterly Reports to WDEQ-LQD. The MIT procedure is followed pursuant to Section 3.6 of WDEQ-LQD Mine Plan. A total of 138 wells were reported MIT'd between 4th Quarter 2013 and 3rd Quarter 2014. An electronic copy of this data has been included on the enclosed CD in Appendix H. The following is a summary of the MIT quarterly reports.

Reporting Period	No. Wells Reported	No. Wells Passed	No. Wells Failed	Failed Well Status
4th Quarter 2013	0	NA	NA	No wells were MIT'd 4th Quarter
1st Quarter 2014	21	19	2	Repaired or Plugged As reported
2nd Quarter 2014	65	63	2	Repaired or Plugged As reported
3rd Quarter 2014	52	50	2	Repaired or Plugged As reported

All wells failing MIT have been plugged and abandoned, or are scheduled for repair or abandonment, according to Permit to Mine No. 778, Volume VIIII, Mine Plan Section 3.8 and Wyoming Statute 35-11-404. Well abandonment is discussed in Section III (B) of this Annual Report.

F. New Affected Lands during the Reporting Period

1. Soil Salvaged and Stockpiled

Topsoil

Topsoil is salvaged and stockpiled in accordance with Permit to Mine No. 778, Volume VIIII, Mine Plan Section 3.12. During the past year one small long term stock pile was established as a result of the workforce housing area. The long term stockpile, labeled as Topsoil #4, was contoured and will be seeded in the spring 2015. Topsoil stockpile #3 had been seeded as described in the 2012-2013 Annual Report; however, the seed was unsuccessful and will have to be reapplied in 2015. Additional topsoil was added to Topsoil stockpile # 3 coming from the new 11e2 Byproduct storage area. Last year, as

reported in the 2012-2013 Annual Report, two short term topsoil stockpiles were created for the deep disposal well construction pad. Those two short term topsoil stockpiles were seeded for stabilization and are scheduled for replacement in the coming year.

Table 3 and 3A, in Appendix A list the long and short term topsoil stockpiles at the Nichols Ranch Unit. Figure 1, in Appendix F, depicts both long and short term topsoil stockpiles.

Subsoil

No new subsoil piles were stockpiled during the past year. Last year, as reported in the 2012-2013 Annual Report, two short term subsoil piles were created from the deep disposal well drilling pits. Table 3A in Appendix A has an accounting of the subsoil piles. These subsoil piles are scheduled to be replaced in the coming year.

2. New Building Construction

A workforce housing unit was constructed north of the central plant area. Topsoil from the pad area was stockpiled accordingly. An existing two-track road was improved for access to the housing unit. A temporary portable scan station building is being staged in PA#1 near the 11e2 Byproduct storage area for the purpose of employee radiological scanning. Topsoil removal is being evaluated to coordinate with the installation of the wellfield road.

3. New Pond Construction

No ponds were constructed at the Nichols Ranch ISR Project area during the year.

4. New roads and Utilities

- As discussed above a two track road into the workforce housing was improved as a short access road.
- The primary access road going into PA#1, Header Houses 1 through 4 was established.
- A water tank was added at the cement silo staging area and a waterline installed from the tank to the deep disposal wells.

5. Other

- An 11e2 Byproduct storage area was constructed in wellfield PA#1.

Disturbed acreage for the reporting period is approximately 0.47 acres. Table 4 in Appendix A tabulates surface disturbance acreage by year and location. The disturbed areas are illustrated in Figure 2 of Appendix F.

G. New Wells/Wellfields Installed During the Reporting Period

Well installation is performed according to Section 3.1 of the Mine Plan. PA#1 is the only active wellfield. No new well installation occurred between the 4th Quarter 2013 and 3rd Quarter 2014. No new wellfields were installed during the period. Well completion details are located in Appendix B.

Several wells in PA#1 were recompleted during the report period based on geologic evaluations of the production zone. The recompletions consisted of re-entering the existing wells and enlarging the underreamed zone in order to adequately capture the mineralization in the approved A sand. Wells that were recompleted were subsequently MIT'd in accordance with the permit.

H. Class III Well Stimulation

Uranerz began a well stimulation program 1st Quarter 2014 to improve flow. One hundred fifty-five (155) wells were swabbed during the report period. Appendix C contains a list of the wells swabbed, the date and the technique used, pursuant to the Mine Plan, Section 3.3.3 of Volume VIIII of the Permit to Mine No. 778.

I. Environmental Monitoring

1. Groundwater Monitoring

Production Monitoring

Production monitoring commenced after wellfield PA#1 was brought into production in April 2014. There are a total of 55 monitor wells sampled for PA#1. Production monitoring is performed according to Volume VIIII, Mine Plan, Section 3.14.7.8.10.1. All analytical monitoring data and water levels are summarized and submitted to the WDEQ-LQD on a quarterly basis. An electronic copy of the analytical data has been included on the enclosed CD in Appendix H.

Groundwater Monitoring – Livestock/Domestic Wells

Groundwater samples were collected from livestock and domestic wells in accordance with NRC License SUA-1597 Condition 11.1. The groundwater quality results for these wells are reported in the NRC Semi-Annual Report and are not reported until January 2015.

2. Surface Water Monitoring

Surface water samples are collected from self-samplers installed at the Dry Willow Creek, the Cottonwood Creek, upstream, and the Cottonwood Creek Nichols, downstream as described in Section 3.14.7.7.3.1 of the Mine Plan. The water samples are grab samples collected after runoff events. Grab samples from the surface water sampling locations were collected at various times during the report period. Per the Mine Plan, surface water is analyzed for total uranium, Th-230, Ra-226, and Pb-210. NRC License Condition 11.1 also requires analysis of alkalinity, conductivity and chloride parameters. An electronic copy of this data has been included on the enclosed CD in Appendix H.

Figures 4 and Figure 5 in Appendix F show the monitoring locations at Nichols Ranch and Hank Units respectively. There is no operational activity at Hank presently. Operational monitoring of Hank is deferred until operations commence. Uranerz submitted a letter to WDEQ-LQD dated September 14, 2014 describing when monitoring will occur.

3. Wildlife Surveys

In accordance with Section 3.15 of the Mine Plan, wildlife surveys will be performed annually and a report submitted. Surveys for raptors and sage grouse were performed between April and June, 2014 by TRC Environmental Corporation. A copy of the survey report and results are in Appendix E.

J. Deviations or Unanticipated Events or Conditions

1. Deviations

The Production schedule was revised in the 2013 Annual Report showing start-up occurring at the beginning of 2014; however, start-up was delayed pending final approval from the NRC to commence operations. It was also projected that Header Houses 4 through 8 would be developed and the monitor well ring for Production Area #2 installed. Regulatory delays in approval to start production impeded the completion of these activities during the period. The project schedule has been revised to account for these delays. Figure 6, in Appendix F, depicts the updated Projected Production, Restoration, and Reclamation schedule. Next year's projected plans are discussed in the following section.

The Bureau of Land Management (BLM) Environmental Assessment (EA) for the Hank Unit remains pending. Until the EA is complete no construction or operations can commence.

2. Unanticipated events or conditions during the report period.

The Jane Dough Amendment package was submitted later than reported in the 2012-2013 Annual Report. The amendment was submitted 3rd Quarter 2014, under cover letter dated July 22, 2014 for review and approval.

Two unplanned releases from well N1A-002 flowed off the permit boundary. Both releases were reported accordingly and are summarized in this Annual Report, Section II(C) above. WDEQ/LQD subsequently issued Notice of Violation 5654-14.

K. Projected Operations

1. Projected operations at the Nichols Ranch Unit, for 2015, include:

- Continue delineation drilling into the next period. 400 delineation holes are planned for next year in the area of PA#1 and Production Area #2 (PA#2). The hole depths will average approximately 675 ft. with a diameter of 5.25 inches. Delineation is performed and tracked as discussed with WDEQ-LQD and outlined in letter from WDEQ-LQD dated September 25, 2014.

- Advance wellfield development in PA#1 with the installation of Header Houses 5 through 8, complete Class III well installation associated with those Header Houses, and construct the wellfield access road to those locations. Surface disturbance for wellfield development activities is estimated at 18 acres.
- Installation of Production Area #2 (PA #2) monitoring including perimeter, overlying, underlying, and production wells. Uranerz also plans to complete baseline sampling and perform the pumptest, for submittal of PA #2 Wellfield Package late 2015. Surface disturbance for this activity is estimated at 1.28 acres.

Uranerz does not plan any construction to occur in the Hank Unit during 2015.

III. RECLAMATION/RESTORATION ACTIVITIES

A. Groundwater Restoration Activities

No groundwater restoration activities occurred during the year.

B. Well Plugging and Abandonment Activities

PA#1 is the only active wellfield at the Nichols Ranch Unit. A total of five wells were plugged and abandoned during the year. There is one more well scheduled for abandonment during the preparation of this report and will therefore be reported in the next annual report. Wells are plugged and abandoned according to Permit to Mine No. 778, Volume VIIII, Mine Plan Section 3.8 and Wyoming Statute 35-11-404. Well abandonment records are maintained on file at the project site. Table 5, in Appendix A, is a tabulation of the wells abandoned during the report period. This data has also been included in electronic format on the CD provided.

C. Surface Reclamation Activities Past and Present

Surface reclamation is carried out per Section 3.1 of the Reclamation Plan. Table 6, in Appendix A, tabulates the surface reclamation activities occurring by year. Figure 7, in Appendix F, shows the areas of surface reclamation for the year. There are two types of Surface Reclamation, Temporary and Final. Final reclamation occurs during decommissioning of mining activities i.e. final reclamation. In the interim of mining, Uranerz temporarily reclaims (stabilizes) disturbed areas to preserve soil and promote a healthy environment. Temporary reclaimed areas have been topsoiled. Interim surface reclamation activities during the year included:

- Seeding around the plant water well URZN2-14 and associated pipelines. These areas were contoured, mulched and seeded.

Uranerz contracted weed spraying activities which occurred between June and July 2014. Noxious weeds such as Russian Thistle and broad leaf weeds were sprayed for. The areas sprayed include the CPP, Work Force Housing, wellfield PA#1 and the DDW pads.

No reclamation activities occurred at the Hank Unit during the report period.

D. Deviations or Unanticipated Events or Conditions

There were no deviations or unanticipated events or conditions with regard to reclamation or restoration during the report period.

IV. DRILL HOLE REPORTING

A. Drill Hole Map

One hundred thirteen delineation drill holes were drilled during the report period. This is the first year that Uranerz has performed delineation drilling within the permit boundary. All the delineation holes were drilled in PA#1 for the purpose of providing better delineation of the ore body for well placement. Figure 9 in Appendix F depicts the drill hole locations. Bonding for delineation drilling has been added to the surety (see Section V).

B. Drill Hole Tabulation

Appendix D, contains the drill hole abandonment details. The drill holes were abandoned according to the Mine Plan and WDEQ NonCoal Rules and Regulations, Chapter 8. Abandonment records are maintained on-site.

C. Drill Hole Disturbance and Reclamation

Surface disturbance from drilling entailed temporary removal of topsoil for mud pits. Once the delineation holes were abandoned the mud pit was allowed to settle and dry. The pit is then backfilled with the area contoured in preparation for seeding.

D. Drill Hole Seeding

No seeding of the drill hole locations has been performed at this time. Seeding of drill hole locations in PA#1 will occur with the temporary reclamation of the wellfield area once the wells are installed.

V. PERFORMANCE BOND ESTIMATE

According to WDEQ-LQD Permit to Mine No. 778 and NRC License SUA-1597, Uranerz is required to submit an updated Annual Surety Estimate Revision each year to adjust the bond amount to reflect existing operations and those planned for construction or operation in the following year. Appendix G contains the bond estimate. The following is a discussion, by worksheet, of adjustments made to the bond estimate.

The current performance bond accounts for construction and start-up of the Nichols Unit CPP, associated facilities, PA#1, restoration of PA#1, monitor wells for PA# 2, various activities for the 2015 year, and reclamation of the Nichols Ranch Unit operation. The amount of $6.8 million for Bond No. 1057688 was approved by the WDEQ-LQD with the issuance of Permit to Mine No. 778. Uranerz estimates the cost of decommissioning of the project at $6,690,834. This constitutes an increase of $454,878 from the previous year's estimate of $6,235,956. Uranerz review of the

current approved bond finds that overall it remains sufficient to cover all costs of reclamation and restoration for the level of activity and planned activity for the coming year. At this time, Uranerz respectfully requests that no changes be made to the bond.

Significant changes to the surety estimate include:

- The consumer price index (CPI) was updated to 2013 values.
- The thickness of the ore zone was increased from 7.25 ft. to 10 ft. given the recompletions discussed in Section II (G) of this Annual Report.
- Cost for propane was adjusted to current costs.
- Costs for delineation drilling was added to this surety.

Worksheet 1, No.1

- The thickness of the ore zone was increased from 7.25 ft. to 10 ft. given the recompletions discussed in Section II (G) of this Annual Report.
- Power costs were evaluated and adjusted to represent current cost.

Worksheet 1, No. II

- Power costs were evaluated and adjusted to represent current cost.

Worksheet 1, No III

- No Changes.

Worksheet 1, No IV – VI

- No Changes.

Worksheet 1, Nos. VII, VIII & Summary

- No changes

Worksheet 2a

- The License Site cost for Disposal Cost ($/ton) and Unloading Cost (per shipment) were adjusted to remove the inflation factor and reflect actual contract pricing with 11e2 disposal contractor.

Worksheet 2b

- The License Site cost for Unloading Cost (per shipment) were adjusted to remove the inflation factor and reflect actual contract pricing with 11e2 disposal contractor.

Worksheet 3

- No Changes

Worksheet 4

- The cost of bentonite chips was updated to reflect actual cost.
- The number of monitor wells in Production Area #2, planned now for 2015 was reduced to 48 monitor wells to more accurately reflect the number planned for installation in the coming year. The number accounts for monitoring ring, overlying, underlying, and production zone monitoring wells.
- Costs for delineation drilling were added to this sheet. Uranerz will utilize a rolling surety with the delineation drilling.

Worksheet 5, No. I

- Last year Uranerz adjusted the number of wells to reflect the number of wells for eight header houses. Monitor wells were included in that cost. Monitor wells are free standing wells that are not piped in like the injection and recovery wells. Therefore, the monitor wells were removed reducing the total number of wells to 437.
- The reduction in wells resulted in a reduction in the quantity of the feeder lines from HH to injection wells. Pregnant solution feeder lines from production wells were also reduced.
- The total length of feeder line trench (Ft) was adjusted to account for eight header houses versus twelve as was initially planned.

Worksheet 5, No. II

- No changes.

Worksheet 5, No. III

- No changes.

Worksheet 5, No. IV

- No changes.

Worksheets 6, No. I and Nos. II & III

- No. I. no changes.
- No. II
    - Affected Area (Acres) was adjusted for eight header houses instead of twelve.
    - The cost of spill cleanup was updated to include and account for acreage that may need to be cleaned during decommissioning.
- No III, no changes.

Worksheet 6, Nos IV & V

- No. IV – added area for 11e2 Byproduct storage area at a thickness of six inches.

Worksheet 7, Nos. I-VII

- Nos. I-IV no changes.
- No. V – 50 feet of culvert was added.
- Nos. VI-VII no changes.

VI. ADDITIONAL INFORMATION REQUESTED BY THE DIVISION

A. Maps

Ten maps were prepared for this Annual Report. The maps are located in Appendix C and include Figure 1-Site Layout, Figure 2-Surface Disturbance, Figure 3-Production Area #1 Well Locations, Figure 4-Nichols Ranch Unit Monitoring Locations, Figure 5-Hank Unit Monitoring Locations, Figure 6-Projected Production, Restoration, and Reclamation Schedule, Figure 7-Surface Reclamation, Figure 8-Unplanned Releases, Figure 9-Delineation Drill Hole Locations, Figure 10-Piezometric Map Production Zone, Figure 11- Piezometric Map Overlying Zone, and Figure 12 – Piezometric Map Underlying Zone.

B. Typical Lixiviant Solution Composition

According to the Mine Plan, Section 3.18.2 Uranerz will review and update the lixiviant composition as needed. Uranerz collects monthly lixiviant injection fluid samples. The analysis of the samples is submitted in the quarterly reports. The lixiviant composition has not changed and therefore does not need to be updated at this time.

C. Electronic Data

A CD has been included which contains a pdf. files of the report, tables, and figures.

Appendix A

Tables

TABLE 1

Monthly Flow Rates - Production Area #1

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Month	Recovery (gallons)	Injection (gallons)	Bleed (gallons)	% Bleed
April, 2014	21,333,600	21,222,350	212,657	1.0%
May, 2014	48,638,650	48,068,769	497,682	1.0%
June, 2014	49,362,750	49,007,150	537,221	1.0%
July, 2014	52,413,700	52,051,600	627,593	1.2%
August, 2014	57,527,400	57,074,750	727,941	1.3%
September, 2014	56,717,450	59,298,800	717,703	1.3%
Totals	**285,993,550**	**286,723,419**	**3,320,797**	**1.1%**

TABLE 2
Unplanned Releases
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Date	Location	Quantity	Quality	Cause
6/5/2014	Production Area #1, Well N1B-052	2542	Injection Fluid	The well casing broke beneath ground.
6/14/2014	Production Area #1, Well N1C-003	740	Injection Fluid	Relief valve popped and polyline shaving got stuck involved causing it to remain open.
7/17/2014	Production Area #1, Well N1A-002	20219	Recovery Fluid	Line connecting the wellhead to the headerhouse was overpressurized by dead-heading the line, resulting in a pipeline break.
9/8/2014	Production Area #1, Well N1A-002	12000	Recovery Fluid	Line connecting the wellhead to the headerhouse was overpressurized causing line break.

TABLE 3
Long-term Topsoil Stockpiles
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Nichols Ranch Unit			
Stockpile No.	**Location**	**Year**	**Quantity (yd^3)**
1	Site Facility	2011	7500
2	Silo	2011	2056
3	Production Area 1 Wellfield - North end	2012	150
3	Production Area 1 Wellfield - North end	2013	262 (150 + 112 added 2013)
3	Production Area 1 Wellfield - North end	2014	280 (262 + 18 added 2013)
4	Workforce Housing	2014	613
		Topsoil Total Qty	10449

TABLE 3A
Short-term Soil Stockpiles
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Nichols Ranch Unit		
Location	**Year**	**Quantity (yd^3)**
Deep Disposal Well Pad Topsoil Pile	2013	8142
Deep Disposal Well Pad Subsoil Piles		7456

TABLE 4
Surface Disturbance Acreage
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Nichols Ranch Unit

Year	Location	Disturbed Acreage	Acreage Remaining to be Reclaimed*
2014	11e2 Byproduct Storage Area in Production Area #1	0.02	0.02
	Pipelines to DDW and Plant Well	0.04	0
	Workforce Housing Area & Road	0.41	0.41
	Acreage Affected 2013	**0.47**	
2013	Nich DW-1 and Nich DW-4 pads and associated pipelines	5	5
	Plant Well and Pipelines	0.01	0
	Manifold Building Area	0.05	0.05
	Acreage Affected 2013	**5.1**	
2012	Production Area #1 Headerhouses 1-4	1	1
	Production Area #1 Wellfield - HH 1 &2	10	3
	Production Area #1 Main Trunkline	8	0
	CPP Fence and Silo Access Fence	0.40	0.4
	CPP 25-year Ditch	0.4	0
	Acreage Affected 2012	**19.8**	
2011	Plant Facility Area	7.8	7.8
	Waterline Corridor	0.9	0
	Silo Access Location	2.2	2.2
	Monitor Well Locations (71)	14	0
	Acreage Affected 2011	**24.9**	
	Total Acreage Affected	**49.7**	19.9

*Total Acreage Affected less Acreage Remaining to be Reclaimed is equal to Acreage Reclaimed (Table 5)

TABLE 5
Plugged and Abandoned Wells
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Well ID	Location		Abandonment Date	Abandonment Reason	Abandonment Method	Well Depth (Ft)	Well Diameter (Inches)	Casing Volume (Gallons)	Cement Volume (Gallons)
	Northing	Easting							
N1A-020	15878455	1368233	6/12/2014	Failed MIT	Cement Grout	632	5	619	746
N1A-041	15878648	1368535	6/18/2014	Failed MIT	Cement Grout	595	5	583	696
N1B-089	15878245	1369113	6/12/2014	Failed MIT	Cement Grout	658	5	645	746
N1A-060	15878745	1368619	10/6/2014	Failed MIT	Cement Grout	600	5	588	507
N1B-010	15878421	1368917	9/30/2014	Failed MIT	Cement Grout	670	5	657	567

TABLE 6
Surface Disturbance Reclamation
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Mine Unit	Area Reclaimed/Stabilized (Road,Wellfield,Spill Area, ETC.)	Reclamation Type (Temporary or Final)*	Topsoil Placed (Y or No)	Acres Reclaimed	Seed Used	Seed Applied (lbs/acre)	Seeding Dates
2012							
	Utility Corridor (water/power line) between cement silo and CPP	Interim	Y	0.9	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	5/8/2012
	Production Area 1 Monitor Wells	Interim	Y	14.0	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	7/31/2012
	Main Trunkline - Production Area 1	Interim	Y	5.0	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	10/29/2012
	25-yr flood event ditch - around facilities perimenter	Interim	Y	0.4	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	10/29/2012
	Production Area 1 wellfield - Header House 1 & 2	Interim	Y	7.0	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	10/29/2012
Total Surface Acreage Reclaimed 2012				**27.26**			
2013							
Nichols Ranch	Remaining Main Trunline - Production Area 1	Interim	Y	3	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	1/9/2013
Total Surface Acreage Reclaimed 2013				**3.00**			
2014							
Nichols Ranch	Pipelines from water tank at cement silo to DDW and from plant water well to cement silo area	Interim	Y	0.04	Western wheatgrass rosana, Russian wildrye bozoisky,Pubescent wheatgrass luna, Intermediate wheatgrass rush, Slender wheatgrass pryor, Alfalfa/Inoculated Falcata	14	5/20/2014
Total Surface Acreage Reclaimed 2014				**0.04**			
Total Surface Acreage Reclaimed				**30.30**			

Appendix B

Well Completion Details

Appendix B
Well Completion Details
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Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	MON-03	Monitor	11/18/2009	B Sand	15,878,200	1,368,955	4,847	NAD 27
ACTIVE	NICHOLS RANCH	MPN-13	Monitor	12/16/2009	A Sand	15,874,980	1,372,177	4,716	NAD 27
ACTIVE	NICHOLS RANCH	N1C-001	Class III	12/17/2009	A Sand	15,878,201	1,369,040	4,844	NAD 27
ACTIVE	NICHOLS RANCH	MRN-23	Monitor	08/22/2011	A Sand	15,875,657	1,370,872	4,721	NAD 27
ACTIVE	NICHOLS RANCH	MRN-14	Monitor	08/30/2011	A Sand	15,875,305	1,372,811	4,725	NAD 27
ACTIVE	NICHOLS RANCH	MRN-13	Monitor	08/31/2011	A Sand	15,875,652	1,372,463	4,741	NAD 27
ACTIVE	NICHOLS RANCH	MRN-22	Monitor	08/31/2011	A Sand	15,875,269	1,371,163	4,741	NAD 27
ACTIVE	NICHOLS RANCH	MRN-21	Monitor	09/01/2011	A Sand	15,874,816	1,371,344	4,747	NAD 27
ACTIVE	NICHOLS RANCH	MON-13	Monitor	09/06/2011	B Sand	15,874,954	1,372,219	4,714	NAD 27
ACTIVE	NICHOLS RANCH	MON-12	Monitor	09/07/2011	B Sand	15,875,439	1,371,980	4,739	NAD 27
ACTIVE	NICHOLS RANCH	MPN-12	Monitor	09/20/2011	A Sand	15,875,508	1,371,973	4,743	NAD 27
ACTIVE	NICHOLS RANCH	MON-11	Monitor	09/21/2011	B Sand	15,875,528	1,371,614	4,766	NAD 27
ACTIVE	NICHOLS RANCH	MPN-11	Monitor	09/22/2011	A Sand	15,875,562	1,371,553	4,769	NAD 27
ACTIVE	NICHOLS RANCH	MRN-12	Monitor	09/26/2011	A Sand	15,876,023	1,372,146	4,769	NAD 27
ACTIVE	NICHOLS RANCH	MRN-11	Monitor	09/27/2011	A Sand	15,876,466	1,371,882	4,789	NAD 27
ACTIVE	NICHOLS RANCH	MRN-10	Monitor	09/28/2011	A Sand	15,876,768	1,371,509	4,775	NAD 27
ACTIVE	NICHOLS RANCH	MON-10	Monitor	09/29/2011	B Sand	15,876,122	1,371,445	4,765	NAD 27
ACTIVE	NICHOLS RANCH	MPN-10	Monitor	09/30/2011	A Sand	15,876,149	1,371,447	4,765	NAD 27
ACTIVE	NICHOLS RANCH	MRN-09	Monitor	10/03/2011	A Sand	15,877,223	1,371,335	4,795	NAD 27
ACTIVE	NICHOLS RANCH	MRN-08	Monitor	10/04/2011	A Sand	15,877,521	1,370,974	4,815	NAD 27
ACTIVE	NICHOLS RANCH	MRN-24	Monitor	10/05/2011	A Sand	15,875,861	1,370,442	4,764	NAD 27
ACTIVE	NICHOLS RANCH	MRN-25	Monitor	10/07/2011	A Sand	15,876,271	1,370,169	4,811	NAD 27
ACTIVE	NICHOLS RANCH	MRN-26	Monitor	10/07/2011	A Sand	15,876,472	1,369,724	4,781	NAD 27
ACTIVE	NICHOLS RANCH	MON-09	Monitor	10/10/2011	B Sand	15,876,068	1,370,915	4,753	NAD 27
ACTIVE	NICHOLS RANCH	MPN-09	Monitor	10/11/2011	A Sand	15,876,111	1,370,907	4,756	NAD 27
ACTIVE	NICHOLS RANCH	MUN-09	Monitor	10/12/2011	1 Sand	15,876,094	1,370,949	4,750	NAD 27
ACTIVE	NICHOLS RANCH	MON-08	Monitor	10/14/2011	B Sand	15,876,860	1,370,678	4,809	NAD 27
ACTIVE	NICHOLS RANCH	MRN-15	Monitor	10/20/2011	A Sand	15,874,820	1,372,822	4,716	NAD 27
ACTIVE	NICHOLS RANCH	MRN-16	Monitor	10/20/2011	A Sand	15,874,371	1,372,831	4,707	NAD 27
ACTIVE	NICHOLS RANCH	MRN-17	Monitor	10/21/2011	A Sand	15,874,165	1,372,457	4,697	NAD 27
ACTIVE	NICHOLS RANCH	MRN-20-1	Monitor	10/25/2011	A Sand	15,874,667	1,371,792	4,713	NAD 27
ACTIVE	NICHOLS RANCH	MUN-08	Monitor	10/28/2011	1 Sand	15,876,816	1,370,653	4,803	NAD 27

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Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	MON-03	Monitor	11/18/2009	B Sand	15,878,200	1,368,955	4,847	NAD 27
ACTIVE	NICHOLS RANCH	MPN-13	Monitor	12/16/2009	A Sand	15,874,980	1,372,177	4,716	NAD 27
ACTIVE	NICHOLS RANCH	N1C-001	Class III	12/17/2009	A Sand	15,878,201	1,369,040	4,844	NAD 27
ACTIVE	NICHOLS RANCH	MRN-23	Monitor	08/22/2011	A Sand	15,875,657	1,370,872	4,721	NAD 27
ACTIVE	NICHOLS RANCH	MRN-14	Monitor	08/30/2011	A Sand	15,875,305	1,372,811	4,725	NAD 27
ACTIVE	NICHOLS RANCH	MRN-13	Monitor	08/31/2011	A Sand	15,875,652	1,372,463	4,741	NAD 27
ACTIVE	NICHOLS RANCH	MRN-22	Monitor	08/31/2011	A Sand	15,875,269	1,371,163	4,741	NAD 27
ACTIVE	NICHOLS RANCH	MRN-21	Monitor	09/01/2011	A Sand	15,874,816	1,371,344	4,747	NAD 27
ACTIVE	NICHOLS RANCH	MON-13	Monitor	09/06/2011	B Sand	15,874,954	1,372,219	4,714	NAD 27
ACTIVE	NICHOLS RANCH	MON-12	Monitor	09/07/2011	B Sand	15,875,439	1,371,980	4,739	NAD 27
ACTIVE	NICHOLS RANCH	MPN-12	Monitor	09/20/2011	A Sand	15,875,508	1,371,973	4,743	NAD 27
ACTIVE	NICHOLS RANCH	MON-11	Monitor	09/21/2011	B Sand	15,875,528	1,371,614	4,766	NAD 27
ACTIVE	NICHOLS RANCH	MPN-11	Monitor	09/22/2011	A Sand	15,875,562	1,371,553	4,769	NAD 27
ACTIVE	NICHOLS RANCH	MRN-12	Monitor	09/26/2011	A Sand	15,876,023	1,372,146	4,769	NAD 27
ACTIVE	NICHOLS RANCH	MRN-11	Monitor	09/27/2011	A Sand	15,876,466	1,371,882	4,789	NAD 27
ACTIVE	NICHOLS RANCH	MRN-10	Monitor	09/28/2011	A Sand	15,876,768	1,371,509	4,775	NAD 27
ACTIVE	NICHOLS RANCH	MON-10	Monitor	09/29/2011	B Sand	15,876,122	1,371,445	4,765	NAD 27
ACTIVE	NICHOLS RANCH	MPN-10	Monitor	09/30/2011	A Sand	15,876,149	1,371,447	4,765	NAD 27
ACTIVE	NICHOLS RANCH	MRN-09	Monitor	10/03/2011	A Sand	15,877,223	1,371,335	4,795	NAD 27
ACTIVE	NICHOLS RANCH	MRN-08	Monitor	10/04/2011	A Sand	15,877,521	1,370,974	4,815	NAD 27
ACTIVE	NICHOLS RANCH	MRN-24	Monitor	10/05/2011	A Sand	15,875,861	1,370,442	4,764	NAD 27
ACTIVE	NICHOLS RANCH	MRN-25	Monitor	10/07/2011	A Sand	15,876,271	1,370,169	4,811	NAD 27
ACTIVE	NICHOLS RANCH	MRN-26	Monitor	10/07/2011	A Sand	15,876,472	1,369,724	4,781	NAD 27
ACTIVE	NICHOLS RANCH	MON-09	Monitor	10/10/2011	B Sand	15,876,068	1,370,915	4,753	NAD 27
ACTIVE	NICHOLS RANCH	MPN-09	Monitor	10/11/2011	A Sand	15,876,111	1,370,907	4,756	NAD 27
ACTIVE	NICHOLS RANCH	MUN-09	Monitor	10/12/2011	1 Sand	15,876,094	1,370,949	4,750	NAD 27
ACTIVE	NICHOLS RANCH	MON-08	Monitor	10/14/2011	B Sand	15,876,860	1,370,678	4,809	NAD 27
ACTIVE	NICHOLS RANCH	MRN-15	Monitor	10/20/2011	A Sand	15,874,820	1,372,822	4,716	NAD 27
ACTIVE	NICHOLS RANCH	MRN-16	Monitor	10/20/2011	A Sand	15,874,371	1,372,831	4,707	NAD 27
ACTIVE	NICHOLS RANCH	MRN-17	Monitor	10/21/2011	A Sand	15,874,165	1,372,457	4,697	NAD 27
ACTIVE	NICHOLS RANCH	MRN-20-1	Monitor	10/25/2011	A Sand	15,874,667	1,371,792	4,713	NAD 27
ACTIVE	NICHOLS RANCH	MUN-08	Monitor	10/28/2011	1 Sand	15,876,816	1,370,653	4,803	NAD 27

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ACTIVE	NICHOLS RANCH	MRN-29	Monitor	11/01/2011	A Sand	15,877,529	1,368,956	4,821	NAD 27
ACTIVE	NICHOLS RANCH	MRN-28	Monitor	11/03/2011	A Sand	15,877,220	1,369,274	4,803	NAD 27
ACTIVE	NICHOLS RANCH	MRN-18-1	Monitor	11/04/2011	A Sand	15,874,379	1,372,097	4,694	NAD 27
ACTIVE	NICHOLS RANCH	MRN-07	Monitor	11/07/2011	A Sand	15,877,880	1,370,644	4,824	NAD 27
ACTIVE	NICHOLS RANCH	MRN-06	Monitor	11/09/2011	A Sand	15,878,243	1,370,314	4,834	NAD 27
ACTIVE	NICHOLS RANCH	MRN-30	Monitor	11/09/2011	A Sand	15,877,734	1,368,510	4,883	NAD 27
ACTIVE	NICHOLS RANCH	MRN-27	Monitor	11/10/2011	A Sand	15,876,913	1,369,513	4,767	NAD 27
ACTIVE	NICHOLS RANCH	MRN-05	Monitor	11/11/2011	A Sand	15,878,444	1,369,871	4,863	NAD 27
ACTIVE	NICHOLS RANCH	MRN-31	Monitor	11/11/2011	A Sand	15,877,906	1,368,047	4,839	NAD 27
ACTIVE	NICHOLS RANCH	MPN-07	Monitor	11/14/2011	A Sand	15,877,161	1,370,421	4,851	NAD 27
ACTIVE	NICHOLS RANCH	MUN-07	Monitor	11/14/2011	1 Sand	15,877,202	1,370,466	4,850	NAD 27
ACTIVE	NICHOLS RANCH	MON-07	Monitor	11/15/2011	B Sand	15,877,215	1,370,399	4,853	NAD 27
ACTIVE	NICHOLS RANCH	MPN-08	Monitor	11/16/2011	A Sand	15,876,817	1,370,706	4,802	NAD 27
ACTIVE	NICHOLS RANCH	MRN-33	Monitor	11/16/2011	A Sand	15,878,758	1,367,686	4,834	NAD 27
ACTIVE	NICHOLS RANCH	MRN-04	Monitor	11/17/2011	A Sand	15,878,744	1,369,485	4,851	NAD 27
ACTIVE	NICHOLS RANCH	MON-01	Monitor	11/18/2011	B Sand	15,878,524	1,368,321	4,808	NAD 27
ACTIVE	NICHOLS RANCH	MON-02	Monitor	11/22/2011	B Sand	15,878,678	1,368,679	4,809	NAD 27
ACTIVE	NICHOLS RANCH	MRN-01	Monitor	11/22/2011	A Sand	15,879,442	1,368,252	4,776	NAD 27
ACTIVE	NICHOLS RANCH	MUN-02	Monitor	11/29/2011	1 Sand	15,878,726	1,368,680	4,805	NAD 27
ACTIVE	NICHOLS RANCH	MON-04	Monitor	11/30/2011	B Sand	15,877,986	1,369,621	4,849	NAD 27
ACTIVE	NICHOLS RANCH	MRN-32	Monitor	11/30/2011	A Sand	15,878,266	1,367,725	4,810	NAD 27
ACTIVE	NICHOLS RANCH	MPN-05	Monitor	12/02/2011	A Sand	15,877,617	1,370,100	4,805	NAD 27
ACTIVE	NICHOLS RANCH	MUN-04	Monitor	12/05/2011	1 Sand	15,878,022	1,369,579	4,844	NAD 27
ACTIVE	NICHOLS RANCH	MUN-03	Monitor	12/13/2011	1 Sand	15,878,166	1,368,931	4,849	NAD 27
ACTIVE	NICHOLS RANCH	MON-06	Monitor	12/14/2011	B Sand	15,876,939	1,370,093	4,822	NAD 27
ACTIVE	NICHOLS RANCH	MPN-04	Monitor	12/14/2011	A Sand	15,877,976	1,369,582	4,844	NAD 27
ACTIVE	NICHOLS RANCH	MUN-06	Monitor	12/15/2011	1 Sand	15,876,977	1,370,126	4,821	NAD 27
ACTIVE	NICHOLS RANCH	MON-05	Monitor	12/16/2011	B Sand	15,877,649	1,370,069	4,804	NAD 27
ACTIVE	NICHOLS RANCH	MPN-06	Monitor	12/16/2011	A Sand	15,876,941	1,370,158	4,831	NAD 27
ACTIVE	NICHOLS RANCH	MRN-03-2	Monitor	12/30/2011	A Sand	15,879,055	1,369,109	4,846	NAD 27
ACTIVE	NICHOLS RANCH	MRN-02-2	Monitor	01/03/2012	A Sand	15,879,365	1,368,729	4,817	NAD 27
ACTIVE	NICHOLS RANCH	N1B-007	Class III	01/06/2012	A Sand	15,878,778	1,368,654	4,799	NAD 27

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ACTIVE	NICHOLS RANCH	N1B-008	Class III	01/09/2012	A Sand	15,878,852	1,368,656	4,796	NAD 27
ACTIVE	NICHOLS RANCH	MRN-34-2	Monitor	01/12/2012	A Sand	15,879,231	1,367,826	4,788	NAD 27
ACTIVE	NICHOLS RANCH	N1A-006	Class III	01/17/2012	A Sand	15,878,571	1,368,615	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1B-094	Class III	01/28/2012	A Sand	15,878,271	1,369,171	4,846	NAD 27
ACTIVE	NICHOLS RANCH	MPN-02-1	Monitor	01/30/2012	A Sand	15,878,694	1,368,637	4,804	NAD 27
ACTIVE	NICHOLS RANCH	N1B-100	Class III	01/30/2012	A Sand	15,878,293	1,369,172	4,846	NAD 27
ACTIVE	NICHOLS RANCH	MUN-01-1	Monitor	01/31/2012	1 Sand	15,878,507	1,368,392	4,802	NAD 27
ACTIVE	NICHOLS RANCH	MPN-01-1	Monitor	02/03/2012	A Sand	15,878,553	1,368,349	4,803	NAD 27
ACTIVE	NICHOLS RANCH	N1A-018	Class III	02/07/2012	A Sand	15,878,460	1,368,182	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-031	Class III	02/27/2012	A Sand	15,878,791	1,368,576	4,797	NAD 27
ACTIVE	NICHOLS RANCH	N1A-013	Class III	03/01/2012	A Sand	15,878,967	1,368,203	4,783	NAD 27
ACTIVE	NICHOLS RANCH	N1B-014	Class III	03/01/2012	A Sand	15,878,824	1,368,690	4,799	NAD 27
ACTIVE	NICHOLS RANCH	N1B-013	Class III	03/02/2012	A Sand	15,878,879	1,368,702	4,796	NAD 27
ACTIVE	NICHOLS RANCH	N1B-012	Class III	03/05/2012	A Sand	15,878,649	1,368,689	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1B-018	Class III	03/06/2012	A Sand	15,878,565	1,368,692	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-040	Class III	03/15/2012	A Sand	15,878,582	1,368,264	4,809	NAD 27
ACTIVE	NICHOLS RANCH	N1A-014	Class III	03/21/2012	A Sand	15,878,918	1,368,181	4,784	NAD 27
ACTIVE	NICHOLS RANCH	N1A-049	Class III	03/21/2012	A Sand	15,878,624	1,368,501	4,798	NAD 27
ACTIVE	NICHOLS RANCH	N1B-016	Class III	03/21/2012	A Sand	15,878,307	1,368,924	4,840	NAD 27
ACTIVE	NICHOLS RANCH	N1A-005	Class III	03/27/2012	A Sand	15,878,603	1,368,568	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-048	Class III	03/29/2012	A Sand	15,878,689	1,368,506	4,796	NAD 27
ACTIVE	NICHOLS RANCH	N1A-052	Class III	03/30/2012	A Sand	15,878,720	1,368,539	4,802	NAD 27
ACTIVE	NICHOLS RANCH	N1A-046	Class III	04/03/2012	A Sand	15,878,490	1,368,339	4,808	NAD 27
ACTIVE	NICHOLS RANCH	N1A-043	Class III	04/04/2012	A Sand	15,878,539	1,368,301	4,810	NAD 27
ACTIVE	NICHOLS RANCH	N1A-062	Class III	04/11/2012	A Sand	15,878,657	1,368,615	4,810	NAD 27
ACTIVE	NICHOLS RANCH	N1B-006-1	Class III	04/12/2012	A Sand	15,878,681	1,368,650	4,808	NAD 27
ACTIVE	NICHOLS RANCH	N1A-051	Class III	04/18/2012	A Sand	15,878,792	1,368,362	4,787	NAD 27
ACTIVE	NICHOLS RANCH	N1A-054	Class III	04/24/2012	A Sand	15,878,753	1,368,317	4,791	NAD 27
ACTIVE	NICHOLS RANCH	N1A-055	Class III	04/25/2012	A Sand	15,878,422	1,368,349	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1A-059	Class III	04/26/2012	A Sand	15,878,401	1,368,236	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1A-022	Class III	05/01/2012	A Sand	15,878,338	1,368,415	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1A-058	Class III	05/07/2012	A Sand	15,878,452	1,368,294	4,816	NAD 27

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ACTIVE	NICHOLS RANCH	N1A-069	Class III	05/08/2012	A Sand	15,878,386	1,368,315	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-061	Class III	05/09/2012	A Sand	15,878,410	1,368,406	4,810	NAD 27
ACTIVE	NICHOLS RANCH	N1A-072	Class III	05/09/2012	A Sand	15,878,386	1,368,427	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1A-076	Class III	05/11/2012	A Sand	15,878,461	1,368,396	4,806	NAD 27
ACTIVE	NICHOLS RANCH	N1A-064	Class III	05/15/2012	A Sand	15,878,370	1,368,345	4,817	NAD 27
ACTIVE	NICHOLS RANCH	N1A-078	Class III	05/15/2012	A Sand	15,878,656	1,368,461	4,784	NAD 27
ACTIVE	NICHOLS RANCH	N1A-082	Class III	05/16/2012	A Sand	15,878,721	1,368,415	4,780	NAD 27
ACTIVE	NICHOLS RANCH	N1A-098	Class III	05/17/2012	A Sand	15,878,351	1,368,358	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-090	Class III	05/21/2012	A Sand	15,878,394	1,368,308	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1A-025	Class III	05/22/2012	A Sand	15,878,766	1,368,521	4,798	NAD 27
ACTIVE	NICHOLS RANCH	N1A-009	Class III	05/23/2012	A Sand	15,878,741	1,368,609	4,801	NAD 27
ACTIVE	NICHOLS RANCH	N1A-109	Class III	05/23/2012	A Sand	15,878,346	1,368,453	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1A-106	Class III	05/24/2012	A Sand	15,878,359	1,368,455	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1A-015-1	Class III	05/25/2012	A Sand	15,878,660	1,368,400	4,793	NAD 27
ACTIVE	NICHOLS RANCH	MPN-03	Class III	05/30/2012	A Sand	15,878,143	1,368,962	4,854	NAD 27
ACTIVE	NICHOLS RANCH	N1A-096	Class III	05/31/2012	A Sand	15,878,833	1,368,345	4,776	NAD 27
ACTIVE	NICHOLS RANCH	N1A-087	Class III	06/06/2012	A Sand	15,878,875	1,368,313	4,773	NAD 27
ACTIVE	NICHOLS RANCH	N1A-081	Class III	06/13/2012	A Sand	15,878,320	1,368,319	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1B-021	Class III	06/14/2012	A Sand	15,878,404	1,368,684	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-104	Class III	06/15/2012	A Sand	15,878,327	1,368,599	4,808	NAD 27
ACTIVE	NICHOLS RANCH	N1A-092	Class III	06/20/2012	A Sand	15,878,918	1,368,287	4,770	NAD 27
ACTIVE	NICHOLS RANCH	N1A-100	Class III	06/20/2012	A Sand	15,878,430	1,368,576	4,804	NAD 27
ACTIVE	NICHOLS RANCH	N1A-108	Class III	06/21/2012	A Sand	15,878,828	1,368,561	4,793	NAD 27
ACTIVE	NICHOLS RANCH	N1B-025	Class III	06/25/2012	A Sand	15,878,696	1,368,710	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1B-027	Class III	06/26/2012	A Sand	15,878,668	1,368,650	4,809	NAD 27
ACTIVE	NICHOLS RANCH	N1B-028	Class III	06/26/2012	A Sand	15,878,511	1,368,648	4,816	NAD 27
ACTIVE	NICHOLS RANCH	N1B-024	Class III	06/27/2012	A Sand	15,878,608	1,368,735	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1B-047	Class III	06/29/2012	A Sand	15,878,508	1,368,724	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-032	Class III	07/09/2012	A Sand	15,878,648	1,368,763	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-010	Class III	07/10/2012	A Sand	15,878,308	1,368,316	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-054	Class III	07/16/2012	A Sand	15,878,501	1,368,824	4,832	NAD 27
ACTIVE	NICHOLS RANCH	N1B-049	Class III	07/19/2012	A Sand	15,878,463	1,368,876	4,836	NAD 27

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Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1B-046	Class III	07/20/2012	A Sand	15,878,341	1,368,820	4,833	NAD 27
ACTIVE	NICHOLS RANCH	N1B-041	Class III	07/23/2012	A Sand	15,878,561	1,368,769	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1B-051	Class III	07/24/2012	A Sand	15,878,550	1,368,767	4,825	NAD 27
ACTIVE	NICHOLS RANCH	N1B-039	Class III	07/26/2012	A Sand	15,878,471	1,368,884	4,835	NAD 27
ACTIVE	NICHOLS RANCH	N1B-034	Class III	07/30/2012	A Sand	15,878,465	1,368,782	4,829	NAD 27
ACTIVE	NICHOLS RANCH	N1B-020	Class III	07/31/2012	A Sand	15,878,622	1,368,649	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1B-009-1	Class III	08/03/2012	A Sand	15,878,375	1,368,932	4,839	NAD 27
ACTIVE	NICHOLS RANCH	N1B-045	Class III	08/06/2012	A Sand	15,878,513	1,368,824	4,831	NAD 27
ACTIVE	NICHOLS RANCH	N1B-062	Class III	08/07/2012	A Sand	15,878,513	1,368,735	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1B-037-1	Class III	08/08/2012	A Sand	15,878,367	1,368,735	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-065	Class III	08/09/2012	A Sand	15,878,496	1,368,909	4,827	NAD 27
ACTIVE	NICHOLS RANCH	N1B-066	Class III	08/10/2012	A Sand	15,878,476	1,368,777	4,829	NAD 27
ACTIVE	NICHOLS RANCH	N1B-035	Class III	08/29/2012	A Sand	15,878,446	1,368,725	4,822	NAD 27
ACTIVE	NICHOLS RANCH	N1B-067	Class III	08/31/2012	A Sand	15,878,466	1,368,722	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-075	Class III	09/04/2012	A Sand	15,878,352	1,368,818	4,833	NAD 27
ACTIVE	NICHOLS RANCH	N1B-043	Class III	09/14/2012	A Sand	15,878,319	1,368,985	4,839	NAD 27
ACTIVE	NICHOLS RANCH	N1B-072	Class III	09/17/2012	A Sand	15,878,329	1,368,985	4,838	NAD 27
ACTIVE	NICHOLS RANCH	N1B-082	Class III	09/19/2012	A Sand	15,878,390	1,368,871	4,837	NAD 27
ACTIVE	NICHOLS RANCH	N1B-044	Class III	09/24/2012	A Sand	15,878,432	1,368,966	4,830	NAD 27
ACTIVE	NICHOLS RANCH	N1B-071	Class III	09/25/2012	A Sand	15,878,424	1,369,027	4,827	NAD 27
ACTIVE	NICHOLS RANCH	N1B-015-1	Class III	09/27/2012	A Sand	15,878,383	1,368,985	4,833	NAD 27
ACTIVE	NICHOLS RANCH	N1B-084	Class III	10/05/2012	A Sand	15,878,478	1,369,058	4,827	NAD 27
ACTIVE	NICHOLS RANCH	N1B-076	Class III	10/09/2012	A Sand	15,878,471	1,368,999	4,825	NAD 27
ACTIVE	NICHOLS RANCH	N1B-070	Class III	10/12/2012	A Sand	15,878,371	1,369,022	4,832	NAD 27
ACTIVE	NICHOLS RANCH	N1B-086	Class III	10/15/2012	A Sand	15,878,432	1,368,830	4,834	NAD 27
ACTIVE	NICHOLS RANCH	N1B-091	Class III	10/18/2012	A Sand	15,878,398	1,369,070	4,830	NAD 27
ACTIVE	NICHOLS RANCH	N1B-058	Class III	10/19/2012	A Sand	15,878,366	1,369,033	4,831	NAD 27
ACTIVE	NICHOLS RANCH	N1B-088	Class III	10/23/2012	A Sand	15,878,369	1,369,108	4,835	NAD 27
ACTIVE	NICHOLS RANCH	N1B-093	Class III	10/24/2012	A Sand	15,878,313	1,369,098	4,839	NAD 27
ACTIVE	NICHOLS RANCH	N1B-096	Class III	10/26/2012	A Sand	15,878,309	1,369,061	4,836	NAD 27
ACTIVE	NICHOLS RANCH	N1B-055	Class III	10/29/2012	A Sand	15,878,261	1,369,045	4,841	NAD 27
ACTIVE	NICHOLS RANCH	N1B-099	Class III	11/01/2012	A Sand	15,878,325	1,369,232	4,848	NAD 27

Appendix B
Well Completion Details
December 29, 2013 to December 28, 2014 Annual Report
Uranerz Permit to Mine 778

Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1B-073-2	Class III	11/02/2012	A Sand	15,878,419	1,368,779	4,829	NAD 27
ACTIVE	NICHOLS RANCH	N1B-048	Class III	11/05/2012	A Sand	15,878,321	1,369,051	4,835	NAD 27
ACTIVE	NICHOLS RANCH	N1B-101	Class III	11/06/2012	A Sand	15,878,250	1,369,193	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1B-102	Class III	11/15/2012	A Sand	15,878,250	1,369,265	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1C-011	Class III	11/16/2012	A Sand	15,878,169	1,369,256	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1B-098	Class III	11/19/2012	A Sand	15,878,224	1,369,247	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1B-103	Class III	11/21/2012	A Sand	15,878,252	1,369,324	4,874	NAD 27
ACTIVE	NICHOLS RANCH	N1C-028	Class III	11/28/2012	A Sand	15,878,063	1,369,387	4,834	NAD 27
ACTIVE	NICHOLS RANCH	N1B-092	Class III	11/30/2012	A Sand	15,878,229	1,369,076	4,844	NAD 27
ACTIVE	NICHOLS RANCH	N1C-009	Class III	11/30/2012	A Sand	15,878,190	1,369,309	4,856	NAD 27
ACTIVE	NICHOLS RANCH	N1C-029	Class III	11/30/2012	A Sand	15,877,974	1,369,221	4,854	NAD 27
ACTIVE	NICHOLS RANCH	N1C-030	Class III	12/03/2012	A Sand	15,878,004	1,369,405	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1B-080	Class III	12/06/2012	A Sand	15,878,257	1,369,112	4,844	NAD 27
ACTIVE	NICHOLS RANCH	N1C-032	Class III	12/06/2012	A Sand	15,878,013	1,369,318	4,852	NAD 27
ACTIVE	NICHOLS RANCH	N1C-020	Class III	12/14/2012	A Sand	15,878,122	1,368,967	4,856	NAD 27
ACTIVE	NICHOLS RANCH	N1C-012	Class III	12/18/2012	A Sand	15,878,064	1,369,050	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1C-013	Class III	12/27/2012	A Sand	15,878,134	1,369,373	4,868	NAD 27
ACTIVE	NICHOLS RANCH	N1C-016	Class III	01/02/2013	A Sand	15,878,161	1,369,427	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1C-023	Class III	01/03/2013	A Sand	15,878,000	1,369,023	4,860	NAD 27
ACTIVE	NICHOLS RANCH	N1C-014	Class III	01/07/2013	A Sand	15,878,037	1,368,942	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1C-021	Class III	01/08/2013	A Sand	15,878,089	1,368,943	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1C-025	Class III	01/13/2013	A Sand	15,878,092	1,369,440	4,843	NAD 27
ACTIVE	NICHOLS RANCH	N1C-002	Class III	01/15/2013	A Sand	15,878,071	1,368,858	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1C-017	Class III	01/16/2013	A Sand	15,878,187	1,369,359	4,854	NAD 27
ACTIVE	NICHOLS RANCH	N1C-033	Class III	01/18/2013	A Sand	15,877,950	1,368,985	4,865	NAD 27
ACTIVE	NICHOLS RANCH	N1C-035	Class III	01/21/2013	A Sand	15,877,935	1,369,064	4,851	NAD 27
ACTIVE	NICHOLS RANCH	N1C-031	Class III	01/22/2013	A Sand	15,877,912	1,369,143	4,842	NAD 27
ACTIVE	NICHOLS RANCH	N1C-034	Class III	01/23/2013	A Sand	15,878,030	1,369,128	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1C-010	Class III	01/25/2013	A Sand	15,878,133	1,369,029	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1C-027	Class III	02/01/2013	A Sand	15,877,905	1,369,209	4,831	NAD 27
ACTIVE	NICHOLS RANCH	N1C-024	Class III	07/22/2013	A Sand	15,878,033	1,369,494	4,856	NAD 27
ACTIVE	NICHOLS RANCH	N1C-026	Class III	07/29/2013	A Sand	15,877,938	1,369,278	4,856	NAD 27

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Well Completion Details

December 29, 2013 to December 28, 2014 Annual Report

Uranerz Permit to Mine 778

Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1C-022	Class III	07/30/2013	A Sand	15,878,056	1,369,555	4,853	NAD 27
ACTIVE	NICHOLS RANCH	N1C-037	Class III	08/13/2013	A Sand	15,878,004	1,369,624	4,847	NAD 27
ACTIVE	NICHOLS RANCH	N1C-036	Class III	08/23/2013	A Sand	15,877,981	1,369,553	4,851	NAD 27
ACTIVE	NICHOLS RANCH	N1C-038	Class III	09/18/2013	A Sand	15,877,950	1,369,667	4,841	NAD 27
ACTIVE	NICHOLS RANCH	N1C-040	Class III	09/19/2013	A Sand	15,878,012	1,369,695	4,847	NAD 27
ACTIVE	NICHOLS RANCH	N1C-041	Class III	09/20/2013	A Sand	15,877,954	1,369,733	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1C-043	Class III	09/23/2013	A Sand	15,877,901	1,369,958	4,842	NAD 27
ACTIVE	NICHOLS RANCH	N1C-044	Class III	09/24/2013	A Sand	15,877,944	1,369,872	4,840	NAD 27
ACTIVE	NICHOLS RANCH	MUN-05-1	Monitor	02/09/2014	1 Sand	15,877,659	1,370,098	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-027	Class III	03/19/2014	A Sand	15,878,462	1,368,284	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1A-088	Class III	03/20/2014	A Sand	15,878,359	1,368,272	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1A-019	Class III	03/25/2014	A Sand	15,878,505	1,368,222	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1A-026	Class III	03/25/2014	A Sand	15,878,409	1,368,227	4,821	NAD 27
ACTIVE	NICHOLS RANCH	N1A-034	Class III	03/25/2014	A Sand	15,878,693	1,368,575	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-035	Class III	03/25/2014	A Sand	15,878,431	1,368,342	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1A-011	Class III	03/31/2014	A Sand	15,878,367	1,368,513	4,809	NAD 27
ACTIVE	NICHOLS RANCH	N1A-047	Class III	03/31/2014	A Sand	15,878,460	1,368,385	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-101	Class III	03/31/2014	A Sand	15,878,439	1,368,439	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-012	Class III	04/03/2014	A Sand	15,878,835	1,368,175	4,789	NAD 27
ACTIVE	NICHOLS RANCH	N1A-093	Class III	04/03/2014	A Sand	15,878,423	1,368,514	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-067	Class III	04/08/2014	A Sand	15,878,307	1,368,551	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1A-029	Class III	04/09/2014	A Sand	15,878,884	1,368,218	4,787	NAD 27
ACTIVE	NICHOLS RANCH	N1A-073	Class III	04/14/2014	A Sand	15,878,484	1,368,603	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1A-057	Class III	04/15/2014	A Sand	15,878,471	1,368,275	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1A-103	Class III	04/15/2014	A Sand	15,878,329	1,368,507	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1A-070	Class III	04/21/2014	A Sand	15,878,276	1,368,597	4,790	NAD 27
ACTIVE	NICHOLS RANCH	N1A-077	Class III	04/22/2014	A Sand	15,878,353	1,368,464	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1A-084	Class III	04/23/2014	A Sand	15,878,443	1,368,340	4,813	NAD 27
ACTIVE	NICHOLS RANCH	N1A-036	Class III	04/24/2014	A Sand	15,878,420	1,368,284	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1A-024	Class III	04/29/2014	A Sand	15,878,816	1,368,616	4,796	NAD 27
ACTIVE	NICHOLS RANCH	N1A-110	Class III	05/05/2014	A Sand	15,878,378	1,368,517	4,810	NAD 27
ACTIVE	NICHOLS RANCH	N1B-001	Class III	05/05/2014	A Sand	15,878,305	1,368,643	4,816	NAD 27

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Well Completion Details

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Uranerz Permit to Mine 778

Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1A-111	Class III	05/12/2014	A Sand	15,878,477	1,368,593	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1A-112	Class III	05/12/2014	A Sand	15,878,379	1,368,595	4,806	NAD 27
ACTIVE	NICHOLS RANCH	N1A-053	Class III	05/14/2014	A Sand	15,878,394	1,368,419	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1B-002	Class III	05/15/2014	A Sand	15,878,370	1,368,644	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1B-022	Class III	05/15/2014	A Sand	15,878,337	1,368,680	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1B-029	Class III	05/15/2014	A Sand	15,878,381	1,368,642	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1B-023	Class III	05/19/2014	A Sand	15,878,264	1,368,678	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1B-003	Class III	05/21/2014	A Sand	15,878,442	1,368,646	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1A-008-1	Class III	05/22/2014	A Sand	15,878,656	1,368,603	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1B-040	Class III	05/22/2014	A Sand	15,878,391	1,368,788	4,829	NAD 27
ACTIVE	NICHOLS RANCH	N1A-045-1	Class III	05/27/2014	A Sand	15,878,513	1,368,402	4,802	NAD 27
ACTIVE	NICHOLS RANCH	N1A-079	Class III	05/27/2014	A Sand	15,878,523	1,368,394	4,802	NAD 27
ACTIVE	NICHOLS RANCH	N1B-004	Class III	05/27/2014	A Sand	15,878,523	1,368,649	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1B-074	Class III	05/27/2014	A Sand	15,878,366	1,368,925	4,840	NAD 27
ACTIVE	NICHOLS RANCH	N1A-001	Class III	05/28/2014	A Sand	15,878,797	1,368,216	4,793	NAD 27
ACTIVE	NICHOLS RANCH	N1B-069	Class III	05/28/2014	A Sand	15,878,344	1,368,810	4,833	NAD 27
ACTIVE	NICHOLS RANCH	N1A-030	Class III	05/29/2014	A Sand	15,878,884	1,368,276	4,783	NAD 27
ACTIVE	NICHOLS RANCH	N1B-033	Class III	05/29/2014	A Sand	15,878,469	1,368,688	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1B-077	Class III	05/29/2014	A Sand	15,878,274	1,368,793	4,832	NAD 27
ACTIVE	NICHOLS RANCH	N1A-086	Class III	06/02/2014	A Sand	15,878,682	1,368,272	4,803	NAD 27
ACTIVE	NICHOLS RANCH	N1A-002	Class III	06/03/2014	A Sand	15,878,833	1,368,308	4,785	NAD 27
ACTIVE	NICHOLS RANCH	N1A-050	Class III	06/03/2014	A Sand	15,878,563	1,368,420	4,796	NAD 27
ACTIVE	NICHOLS RANCH	N1B-087	Class III	06/03/2014	A Sand	15,878,312	1,369,109	4,839	NAD 27
ACTIVE	NICHOLS RANCH	N1A-016	Class III	06/04/2014	A Sand	15,878,674	1,368,205	4,803	NAD 27
ACTIVE	NICHOLS RANCH	N1B-057	Class III	06/05/2014	A Sand	15,878,378	1,368,733	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1B-005	Class III	06/09/2014	A Sand	15,878,603	1,368,568	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1B-019	Class III	06/09/2014	A Sand	15,878,480	1,368,688	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1A-003	Class III	06/10/2014	A Sand	15,878,755	1,368,255	4,797	NAD 27
ACTIVE	NICHOLS RANCH	N1B-081	Class III	06/10/2014	A Sand	15,878,232	1,368,910	4,845	NAD 27
ACTIVE	NICHOLS RANCH	N1B-097	Class III	06/10/2014	A Sand	15,878,334	1,369,165	4,842	NAD 27
ACTIVE	NICHOLS RANCH	N1A-039	Class III	06/11/2014	A Sand	15,878,617	1,368,216	4,807	NAD 27
ACTIVE	NICHOLS RANCH	N1B-042	Class III	06/11/2014	A Sand	15,878,681	1,368,703	4,811	NAD 27

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Well Completion Details

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Uranerz Permit to Mine 778

Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1A-007	Class III	06/12/2014	A Sand	15,878,835	1,368,257	4,790	NAD 27
ACTIVE	NICHOLS RANCH	N1C-015	Class III	06/12/2014	A Sand	15,878,109	1,368,905	4,853	NAD 27
ACTIVE	NICHOLS RANCH	N1A-028	Class III	06/16/2014	A Sand	15,878,928	1,368,240	4,785	NAD 27
ACTIVE	NICHOLS RANCH	N1A-042	Class III	06/16/2014	A Sand	15,878,611	1,368,316	4,804	NAD 27
ACTIVE	NICHOLS RANCH	N1A-095	Class III	06/16/2014	A Sand	15,878,351	1,368,279	4,824	NAD 27
ACTIVE	NICHOLS RANCH	N1A-085	Class III	06/17/2014	A Sand	15,878,520	1,368,259	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1B-078	Class III	06/17/2014	A Sand	15,878,433	1,369,091	4,830	NAD 27
ACTIVE	NICHOLS RANCH	N1A-056	Class III	06/18/2014	A Sand	15,878,399	1,368,472	4,809	NAD 27
ACTIVE	NICHOLS RANCH	N1A-033	Class III	06/19/2014	A Sand	15,878,805	1,368,501	4,794	NAD 27
ACTIVE	NICHOLS RANCH	N1A-066	Class III	06/19/2014	A Sand	15,878,420	1,368,272	4,820	NAD 27
ACTIVE	NICHOLS RANCH	N1A-017	Class III	06/24/2014	A Sand	15,878,714	1,368,231	4,800	NAD 27
ACTIVE	NICHOLS RANCH	N1A-063	Class III	06/24/2014	A Sand	15,878,699	1,368,585	4,808	NAD 27
ACTIVE	NICHOLS RANCH	N1A-075	Class III	06/24/2014	A Sand	15,878,339	1,368,597	4,808	NAD 27
ACTIVE	NICHOLS RANCH	N1B-085	Class III	06/25/2014	A Sand	15,878,511	1,368,971	4,822	NAD 27
ACTIVE	NICHOLS RANCH	N1A-038	Class III	06/26/2014	A Sand	15,878,709	1,368,178	4,798	NAD 27
ACTIVE	NICHOLS RANCH	N1A-080	Class III	06/26/2014	A Sand	15,878,458	1,368,245	4,811	NAD 27
ACTIVE	NICHOLS RANCH	N1A-091	Class III	06/26/2014	A Sand	15,878,660	1,368,309	4,802	NAD 27
ACTIVE	NICHOLS RANCH	N1A-097	Class III	06/26/2014	A Sand	15,878,479	1,368,337	4,810	NAD 27
ACTIVE	NICHOLS RANCH	N1A-071	Class III	07/08/2014	A Sand	15,878,669	1,368,355	4,797	NAD 27
ACTIVE	NICHOLS RANCH	N1B-036	Class III	07/08/2014	A Sand	15,878,346	1,368,690	4,818	NAD 27
ACTIVE	NICHOLS RANCH	N1B-059	Class III	07/08/2014	A Sand	15,878,322	1,368,753	4,827	NAD 27
ACTIVE	NICHOLS RANCH	N1A-004	Class III	07/09/2014	A Sand	15,878,755	1,368,194	4,797	NAD 27
ACTIVE	NICHOLS RANCH	N1A-083	Class III	07/09/2014	A Sand	15,878,617	1,368,382	4,799	NAD 27
ACTIVE	NICHOLS RANCH	N1A-102	Class III	07/09/2014	A Sand	15,878,913	1,368,340	4,773	NAD 27
ACTIVE	NICHOLS RANCH	N1B-038	Class III	07/09/2014	A Sand	15,878,428	1,368,840	4,835	NAD 27
ACTIVE	NICHOLS RANCH	N1B-053	Class III	07/09/2014	A Sand	15,878,454	1,368,733	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-060	Class III	07/09/2014	A Sand	15,878,241	1,368,918	4,844	NAD 27
ACTIVE	NICHOLS RANCH	N1B-061	Class III	07/09/2014	A Sand	15,878,291	1,368,855	4,838	NAD 27
ACTIVE	NICHOLS RANCH	N1B-068	Class III	07/09/2014	A Sand	15,878,512	1,368,792	4,829	NAD 27
ACTIVE	NICHOLS RANCH	N1C-018	Class III	07/09/2014	A Sand	15,878,161	1,368,970	4,853	NAD 27
ACTIVE	NICHOLS RANCH	N1B-011	Class III	07/10/2014	A Sand	15,878,365	1,368,875	4,837	NAD 27
ACTIVE	NICHOLS RANCH	N1B-052	Class III	07/10/2014	A Sand	15,878,254	1,368,981	4,845	NAD 27

Ap B

Well Completion Details

December 29, 2013 to December 28, 2014 Annual Report

Uranerz Permit to Mine 778

Status	Mine Name	Well Name	Well Type	Completion Date	Geologic Unit Name	NORTHING (UTM 13 Survey Feet)	EASTING (UTM 13 Survey Feet)	Top of Casing ELEV (Ft.)	Datum
ACTIVE	NICHOLS RANCH	N1C-003-1	Class III	07/10/2014	A Sand	15,878,193	1,368,994	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1C-008	Class III	07/10/2014	A Sand	15,878,127	1,369,120	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1A-089	Class III	07/11/2014	A Sand	15,878,738	1,368,548	4,802	NAD 27
ACTIVE	NICHOLS RANCH	N1A-105	Class III	07/17/2014	A Sand	15,878,410	1,368,476	4,809	NAD 27
ACTIVE	NICHOLS RANCH	N1B-050	Class III	07/17/2014	A Sand	15,878,412	1,368,693	4,819	NAD 27
ACTIVE	NICHOLS RANCH	N1B-026	Class III	07/18/2014	A Sand	15,878,454	1,368,646	4,814	NAD 27
ACTIVE	NICHOLS RANCH	N1B-063	Class III	07/18/2014	A Sand	15,878,406	1,368,746	4,825	NAD 27
ACTIVE	NICHOLS RANCH	N1B-064	Class III	07/18/2014	A Sand	15,878,439	1,368,838	4,834	NAD 27
ACTIVE	NICHOLS RANCH	N1C-006	Class III	07/18/2014	A Sand	15,878,106	1,368,964	4,857	NAD 27
ACTIVE	NICHOLS RANCH	N1C-019	Class III	07/18/2014	A Sand	15,878,141	1,369,312	4,852	NAD 27
ACTIVE	NICHOLS RANCH	N1A-065	Class III	07/21/2014	A Sand	15,878,718	1,368,366	4,791	NAD 27
ACTIVE	NICHOLS RANCH	N1A-107	Class III	07/21/2014	A Sand	15,878,365	1,368,564	4,804	NAD 27
ACTIVE	NICHOLS RANCH	N1C-007	Class III	07/21/2014	A Sand	15,878,180	1,369,112	4,847	NAD 27
ACTIVE	NICHOLS RANCH	N1A-023	Class III	07/22/2014	A Sand	15,878,363	1,368,356	4,817	NAD 27
ACTIVE	NICHOLS RANCH	N1A-068	Class III	07/22/2014	A Sand	15,878,703	1,368,319	4,797	NAD 27
ACTIVE	NICHOLS RANCH	N1B-031	Class III	07/24/2014	A Sand	15,878,536	1,368,648	4,815	NAD 27
ACTIVE	NICHOLS RANCH	N1B-079	Class III	07/24/2014	A Sand	15,878,231	1,368,850	4,840	NAD 27
ACTIVE	NICHOLS RANCH	N1C-005	Class III	07/24/2014	A Sand	15,878,174	1,368,923	4,849	NAD 27
ACTIVE	NICHOLS RANCH	N1A-032	Class III	07/25/2014	A Sand	15,878,635	1,368,249	4,806	NAD 27
ACTIVE	NICHOLS RANCH	N1A-074	Class III	07/25/2014	A Sand	15,878,406	1,368,580	4,805	NAD 27
ACTIVE	NICHOLS RANCH	N1A-094	Class III	07/25/2014	A Sand	15,878,354	1,368,559	4,804	NAD 27
ACTIVE	NICHOLS RANCH	N1B-056	Class III	07/25/2014	A Sand	15,878,467	1,368,770	4,828	NAD 27
ACTIVE	NICHOLS RANCH	N1B-030	Class III	09/24/2014	A Sand	15,878,520	1,368,725	4,823	NAD 27
ACTIVE	NICHOLS RANCH	N1B-090	Class III	09/24/2014	A Sand	15,878,301	1,369,227	4,848	NAD 27
ACTIVE	NICHOLS RANCH	N1A-037	Class III	09/25/2014	A Sand	15,878,795	1,368,280	4,789	NAD 27
ACTIVE	NICHOLS RANCH	N1A-044	Class III	09/25/2014	A Sand	15,878,559	1,368,361	4,801	NAD 27
ACTIVE	NICHOLS RANCH	N1B-083	Class III	09/30/2014	A Sand	15,878,394	1,368,775	4,828	NAD 27

Appendix C

Well Stimulation Data

Appendix C
Well Stimulation Data
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Uranerz Permit to Mine 778

WELL ID	DATE	Stimulation Method
MRN-33	2014-01-13	swab
N1A-013	2014-01-14	swab
MRN-25	2014-01-15	swab
N1B-013	2014-01-16	swab
N1A-079	2014-01-20	swab
N1A-085	2014-01-22	swab
N1A-093	2014-01-23	swab
N1A-103	2014-01-27	swab
N1A-084	2014-01-28	swab
N1A-036	2014-01-29	swab
N1A-023	2014-01-30	swab
N1A-043	2014-02-03	swab
N1A-105	2014-02-10	swab
MPN-4	2014-02-11	swab
N1A-004	2014-02-11	swab
N1A-095	2014-02-12	swab
N1A-012	2014-02-18	swab
N1B-086	2014-02-19	swab
N1B-038	2014-02-19	swab
N1B-064	2014-02-20	swab
N1B-054	2014-02-21	swab
N1B-068	2014-02-24	swab
N1B-045	2014-02-24	swab
N1B-062	2014-02-25	swab
N1B-047	2014-02-25	swab
N1B-030	2014-02-26	swab
N1B-031	2014-02-27	swab
N1B-004	2014-02-27	swab
N1B-084	2014-03-03	swab
N1B-078	2014-03-03	swab
N1B-052	2014-03-13	swab
N1C-001	2014-03-17	swab
N1C-003	2014-03-17	swab
N1B-029	2014-03-19	swab
N1B-081	2014-03-20	swab
N1A-088	2014-03-24	swab
N1A-027	2014-03-25	swab
N1A-035	2014-03-26	swab
N1A-019	2014-03-27	swab
N1A-026	2014-04-01	swab
N1A-101	2014-04-02	swab
N1A-101	2014-04-03	swab
N1A-047	2014-04-07	swab
N1A-011	2014-04-08	swab

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WELL ID	DATE	Stimulation Method
N1A-067	2014-04-14	swab
N1A-093	2014-04-15	swab
N1A-073	2014-04-21	swab
N1A-103	2014-04-22	swab
N1A-029	2014-04-23	swab
N1A-012	2014-04-24	swab
N1A-084	2014-05-01	swab
N1A-057	2014-05-05	swab
N1A-036	2014-05-05	swab
N1A-024	2014-05-06	swab
N1A-070	2014-05-06	swab
N1A-110	2014-05-13	swab
N1B-001	2014-05-14	swab
N1A-053	2014-05-14	swab
N1B-029	2014-05-15	swab
N1B-002	2014-05-15	swab
N1A-111	2014-05-19	swab
N1A-112	2014-05-19	swab
N1A-079	2014-05-20	swab
N1B-022	2014-05-20	swab
N1A-045-1	2014-05-22	swab
N1B-023	2014-05-27	swab
N1B-003	2014-05-28	swab
N1B-040	2014-05-29	swab
N1A-008-1	2014-05-29	swab
N1B-074	2014-05-30	swab
N1B-004	2014-05-30	swab
N1B-069	2014-06-02	swab
N1A-001	2014-06-02	swab
N1A-030	2014-06-03	swab
N1A-050	2014-06-04	swab
N1A-002	2014-06-04	swab
N1B-037-1	2014-06-05	swab
N1B-077	2014-06-05	swab
N1B-057	2014-06-06	swab
N1A-086	2014-06-09	swab
N1B-087	2014-06-09	swab
N1B-019	2014-06-10	swab
N1B-097	2014-06-10	swab
N1A-016	2014-06-11	swab
N1B-005	2014-06-11	swab
N1A-003	2014-06-13	swab
N1B-081	2014-06-16	swab
N1C-015	2014-06-18	swab

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Well Stimulation Data
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WELL ID	DATE	Stimulation Method
N1B-042	2014-06-19	swab
N1B-007	2014-06-23	swab
N1B-028	2014-06-25	swab
N1A-078	2014-06-26	swab
N1A-063	2014-06-30	swab
N1C-009	2014-06-30	swab
N1A-017	2014-07-02	swab
N1A-080	2014-07-09	swab
N1B-095	2014-07-15	swab
N1B-053	2014-07-15	swab
N1A-065	2014-07-22	swab
N1C-019	2014-07-22	swab
N1C-006	2014-07-22	swab
N1A-105	2014-07-23	swab
N1A-023	2014-07-23	swab
N1B-064	2014-07-24	swab
N1A-107	2014-07-24	swab
N1B-063	2014-07-24	swab
N1B-031	2014-07-25	swab
N1B-079	2014-07-25	swab
N1A-089	2014-07-28	swab
N1B-056	2014-07-31	swab
N1C-005	2014-07-31	swab
N1C-007	2014-07-31	swab
N1C-008	2014-07-31	swab
N1A-094	2014-08-01	swab
N1A-068	2014-08-04	swab
N1B-038	2014-08-04	swab
N1C-003-1	2014-08-05	swab
N1C-018	2014-08-06	swab
N1B-052	2014-08-08	swab
N1A-033	2014-08-11	swab
N1A-097	2014-08-11	swab
N1A-083	2014-08-12	swab
N1B-011	2014-08-13	swab
N1A-004	2014-08-13	swab
N1A-071	2014-08-14	swab
N1B-026	2014-08-15	swab
N1B-050	2014-08-15	swab
N1A-046	2014-08-25	swab
N1B-100	2014-08-26	swab
N1B-048	2014-08-26	swab
N1A-045-1	2014-08-27	swab
N1B-093	2014-09-04	swab

Appendix C
Well Stimulation Data
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WELL ID	DATE	Stimulation Method
N1A-053	2014-09-04	swab
N1A-084	2014-09-05	swab
N1A-023	2014-09-05	swab
N1B-002	2014-09-08	swab
N1A-093	2014-09-08	swab
N1A-055	2014-09-09	swab
N1B-029	2014-09-09	swab
N1A-080	2014-09-10	swab
N1A-103	2014-09-10	swab
N1A-095	2014-09-15	swab
N1B-091	2014-09-15	swab
N1A-080	2014-09-16	swab
N1A-019	2014-09-17	swab
N1A-053	2014-09-17	swab
N1A-067	2014-09-18	swab
N1A-079	2014-09-19	swab
N1A-059	2014-09-19	swab
N1A-089	2014-09-22	swab
N1A-100	2014-09-22	swab
N1A-044	2014-09-24	swab
N1B-090	2014-09-24	swab
N1A-037	2014-09-25	swab
N1B-030	2014-09-25	swab
N1B-083	2014-09-26	swab

Appendix D

Abandoned Drill Hole Data

Ap D
Abandoned Drill Holes
December 29, 2013 to December 28, 2014 Annual Report
Uranerz Permit to Mine 778

Hole Number(s)	Date Drilled	Date Abandoned	Township	Range	Section	Northing	Easting	County	Land Status	Total Depth	How Surface Caspped
N1-AW022	4/29/2014	5/1/2014	43	76	7	15,878,550	1,368,137	JOHNSON	PRIVATE	663	Cement Cone
N1-AX021	5/1/2014	5/14/2014	43	76	7	15,878,579	1,368,214	JOHNSON	PRIVATE	620	Cement Cone
N1-AV021	5/5/2014	5/15/2014	43	76	7	15,878,602	1,368,092	JOHNSON	PRIVATE	620	Cement Cone
N1-AX023	5/5/2014	5/15/2014	43	76	7	15,878,486	1,368,207	JOHNSON	PRIVATE	630	Cement Cone
N1-AS015	5/6/2014	5/22/2014	43	76	7	15,878,893	1,367,959	JOHNSON	PRIVATE	620	Cement Cone
N1-AU019	5/6/2014	5/19/2014	43	76	7	15,878,749	1,368,028	JOHNSON	PRIVATE	620	Cement Cone
N1-AV017	5/6/2014	5/22/2014	43	76	7	15,878,848	1,368,074	JOHNSON	PRIVATE	620	Cement Cone
N1-BI018	5/13/2014	5/13/2014	43	76	8	15,878,816	1,368,773	JOHNSON	PRIVATE	620	Cement Cone
U36-07-001	7/28/2014	7/29/2014	43	76	7	15,878,226	1,368,572	JOHNSON	PRIVATE	700	Cement Cone
U36-08-001	7/28/2014	7/29/2014	43	76	8	15,878,214	1,368,678	JOHNSON	PRIVATE	700	Cement Cone
U36-17-300	7/29/2014	7/30/2014	43	76	17	15,878,174	1,368,653	JOHNSON	PRIVATE	700	Cement Cone
U36-07-002	7/31/2014	7/5/2014	43	76	7	15,878,254	1,368,628	JOHNSON	PRIVATE	680	Cement Cone
U36-17-301	7/31/2014	8/4/2014	43	76	17	15,878,094	1,368,742	JOHNSON	PRIVATE	690	Cement Cone
U36-17-302	8/1/2014	8/4/2014	43	76	17	15,878,147	1,368,802	JOHNSON	PRIVATE	705	Cement Cone
U36-17-303	8/1/2014	8/4/2014	43	76	17	15,878,179	1,368,849	JOHNSON	PRIVATE	690	Cement Cone
U36-07-003	8/4/2014	8/11/2014	43	76	7	15,878,264	1,368,479	JOHNSON	PRIVATE	670	Cement Cone
U36-17-304	8/4/2014	8/5/2014	43	76	17	15,878,045	1,368,807	JOHNSON	PRIVATE	700	Cement Cone
U36-17-305	8/5/2014	8/6/2014	43	76	17	15,877,984	1,369,152	JOHNSON	PRIVATE	700	Cement Cone
U36-17-306	8/5/2014	8/12/2014	43	76	17	15,878,014	1,369,265	JOHNSON	PRIVATE	700	Cement Cone
U36-17-307	8/8/2014	8/11/2014	43	76	17	15,877,705	1,369,205	JOHNSON	PRIVATE	700	Cement Cone
U36-17-308	8/8/2014	8/11/2014	43	76	17	15,877,886	1,369,113	JOHNSON	PRIVATE	700	Cement Cone
U36-17-312	8/8/2014	8/13/2014	43	76	17	15,877,828	1,369,554	JOHNSON	PRIVATE	700	Cement Cone
U36-17-313	8/8/2014	8/12/2014	43	76	17	15,877,783	1,369,552	JOHNSON	PRIVATE	700	Cement Cone
U36-17-311	8/11/2014	8/13/2014	43	76	17	15,877,928	1,369,554	JOHNSON	PRIVATE	700	Cement Cone
U36-17-314	8/11/2014	8/12/2014	43	76	17	15,877,831	1,369,635	JOHNSON	PRIVATE	710	Cement Cone
U36-17-316	8/11/2014	8/13/2014	43	76	17	15,877,474	1,369,671	JOHNSON	PRIVATE	680	Cement Cone
U36-17-310	8/12/2014	8/18/2014	43	76	17	15,877,981	1,369,493	JOHNSON	PRIVATE	700	Cement Cone
U36-17-315	8/12/2014	8/18/2014	43	76	17	15,877,553	1,369,731	JOHNSON	PRIVATE	690	Cement Cone
U36-17-320	8/12/2014	8/12/2014	43	76	17	15,877,714	1,369,695	JOHNSON	PRIVATE	690	Cement Cone
U36-17-322	8/12/2014	8/18/2014	43	76	17	15,877,377	1,369,827	JOHNSON	PRIVATE	660	Cement Cone
U36-17-309	8/13/2014	8/15/2014	43	76	17	15,877,981	1,369,126	JOHNSON	PRIVATE	710	Cement Cone
U36-17-318	8/13/2014	8/25/2014	43	76	17	15,877,904	1,369,808	JOHNSON	PRIVATE	690	Cement Cone
U36-17-321	8/13/2014	8/25/2014	43	76	17	15,877,711	1,369,774	JOHNSON	PRIVATE	700	Cement Cone
U36-17-324	8/13/2014	8/15/2014	43	76	17	15,877,769	1,369,161	JOHNSON	PRIVATE	700	Cement Cone
U36-17-328	8/14/2014	8/25/2014	43	76	17	15,877,593	1,369,903	JOHNSON	PRIVATE	660	Cement Cone
U36-17-340	8/14/2014	8/15/2014	43	76	17	15,877,580	1,369,299	JOHNSON	PRIVATE	680	Cement Cone
U36-17-329	8/15/2014	8/25/2014	43	76	17	15,877,718	1,369,867	JOHNSON	PRIVATE	680	Cement Cone
U36-17-333	8/15/2014	8/26/2014	43	76	17	15,877,789	1,369,842	JOHNSON	PRIVATE	680	Cement Cone
U36-17-341	8/15/2014	8/18/2014	43	76	17	15,877,201	1,369,419	JOHNSON	PRIVATE	670	Cement Cone
U36-17-334	8/18/2014	8/26/2014	43	76	17	15,877,669	1,369,694	JOHNSON	PRIVATE	690	Cement Cone

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Abandoned Drill Holes
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Uranerz Permit to Mine 778

Hole Number(s)	Date Drilled	Date Abandoned	Township	Range	Section	Northing	Easting	County	Land Status	Total Depth	How Surface Caspped
U36-17-338	8/18/2014	8/26/2014	43	76	17	15,877,885	1,369,531	JOHNSON	PRIVATE	700	Cement Cone
U36-17-339	8/18/2014	8/19/2014	43	76	17	15,877,721	1,369,539	JOHNSON	PRIVATE	690	Cement Cone
U36-17-331	8/19/2014	8/26/2014	43	76	17	15,877,673	1,369,467	JOHNSON	PRIVATE	680	Cement Cone
U36-17-346	8/19/2014	8/26/2014	43	76	17	15,877,554	1,369,582	JOHNSON	PRIVATE	680	Cement Cone
U36-17-327	8/20/2014	8/25/2014	43	76	17	15,877,498	1,369,894	JOHNSON	PRIVATE	660	Cement Cone
U36-17-337	8/20/2014	8/26/2014	43	76	17	15,877,471	1,369,518	JOHNSON	PRIVATE	680	Cement Cone
U36-17-343	8/20/2014	8/26/2014	43	76	17	15,877,782	1,369,476	JOHNSON	PRIVATE	680	Cement Cone
U36-17-325	8/21/2014	8/26/2014	43	76	17	15,877,492	1,369,774	JOHNSON	PRIVATE	680	Cement Cone
U36-17-326	8/21/2014	8/25/2014	43	76	17	15,877,415	1,369,774	JOHNSON	PRIVATE	660	Cement Cone
U36-17-332	8/21/2014	8/25/2014	43	76	17	15,877,307	1,369,693	JOHNSON	PRIVATE	650	Cement Cone
U36-17-335	8/21/2014	8/26/2014	43	76	17	15,877,235	1,369,749	JOHNSON	PRIVATE	640	Cement Cone
U36-17-344	8/22/2014	8/26/2014	43	76	17	15,877,785	1,369,636	JOHNSON	PRIVATE	700	Cement Cone
U36-17-347	8/22/2014	8/27/2014	43	76	17	15,877,296	1,369,819	JOHNSON	PRIVATE	650	Cement Cone
U36-17-355	8/22/2014	8/26/2014	43	76	17	15,877,476	1,369,627	JOHNSON	PRIVATE	660	Cement Cone
U36-17-348	8/25/2014	8/27/2014	43	76	17	15,877,370	1,369,592	JOHNSON	PRIVATE	650	Cement Cone
U36-17-352	8/25/2014	8/26/2014	43	76	17	15,877,573	1,369,673	JOHNSON	PRIVATE	670	Cement Cone
U36-17-354	8/25/2014	8/27/2014	43	76	17	15,877,604	1,369,737	JOHNSON	PRIVATE	680	Cement Cone
U36-17-345	8/26/2014	9/2/2014	43	76	17	15,877,763	1,369,754	JOHNSON	PRIVATE	700	Cement Cone
U36-17-350	8/26/2014	8/27/2014	43	76	17	15,877,647	1,369,294	JOHNSON	PRIVATE	670	Cement Cone
U36-17-356	8/26/2014	8/27/2014	43	76	17	15,877,750	1,368,998	JOHNSON	PRIVATE	720	Cement Cone
U36-17-336	8/27/2014	9/2/2014	43	76	17	15,877,216	1,369,602	JOHNSON	PRIVATE	650	Cement Cone
U36-17-349	8/27/2014	9/2/2014	43	76	17	15,877,864	1,369,785	JOHNSON	PRIVATE	690	Cement Cone
U36-17-351	8/27/2014	9/2/2014	43	76	17	15,877,300	1,369,407	JOHNSON	PRIVATE	660	Cement Cone
U36-17-364	8/27/2014	9/2/2014	17	43	17	15,877,585	1,369,161	JOHNSON	PRIVATE	680	Cement Cone
U36-17-342	8/29/2014	9/2/2014	43	76	17	15,877,838	1,369,133	JOHNSON	PRIVATE	690	Cement Cone
U36-17-357	8/29/2014	9/2/2014	43	76	17	15,877,569	1,369,471	JOHNSON	PRIVATE	660	Cement Cone
U36-17-362	8/29/2014	9/2/2014	43	76	17	15,877,246	1,369,787	JOHNSON	PRIVATE	640	Cement Cone
U36-17-363	8/29/2014	9/2/2014	43	76	17	15,877,425	1,369,572	JOHNSON	PRIVATE	650	Cement Cone
U36-17-323	9/2/2014	9/3/2014	43	76	17	15,877,841	1,369,724	JOHNSON	PRIVATE	700	Cement Cone
U36-17-353	9/2/2014	9/3/2014	43	76	17	15,877,669	1,369,839	JOHNSON	PRIVATE	680	Cement Cone
U36-17-361	9/2/2014	9/3/2014	43	76	17	15,877,307	1,369,743	JOHNSON	PRIVATE	650	Cement Cone
U36-17-319	9/3/2014	9/4/2014	43	76	17	15,877,957	1,369,778	JOHNSON	PRIVATE	700	Cement Cone
U36-17-358	9/3/2014	9/4/2014	43	76	17	15,877,720	1,369,479	JOHNSON	PRIVATE	680	Cement Cone
U36-17-370	9/3/2014	9/4/2014	43	76	17	15,877,450	1,369,851	JOHNSON	PRIVATE	660	Cement Cone
U36-17-317	9/4/2014	9/5/2014	43	76	17	15,877,816	1,369,692	JOHNSON	PRIVATE	710	Cement Cone
U36-17-330	9/4/2014	9/5/2014	43	76	17	15,877,872	1,369,462	JOHNSON	PRIVATE	690	Cement Cone
U36-17-359	9/5/2014	9/8/2014	43	76	17	15,877,705	1,369,838	JOHNSON	PRIVATE	680	Cement Cone
U36-17-365	9/5/2014	9/8/2014	43	76	17	15,877,694	1,369,260	JOHNSON	PRIVATE	670	Cement Cone
U36-17-371	9/5/2014	9/8/2014	43	76	17	15,877,931	1,369,507	JOHNSON	PRIVATE	700	Cement Cone
U36-17-367	9/8/2014	9/10/2014	43	76	17	15,877,146	1,369,413	JOHNSON	PRIVATE	660	Cement Cone

Ap[redacted]D
Abandoned Drill Holes
December 29, 2013 to December 28, 2014 Annual Report
Uranerz Permit to Mine 778

Hole Number(s)	Date Drilled	Date Abandoned	Township	Range	Section	Northing	Easting	County	Land Status	Total Depth	How Surface Caspped
U36-17-368	9/8/2014	9/9/2014	43	76	17	15,877,542	1,369,862	JOHNSON	PRIVATE	670	Cement Cone
U36-17-369	9/9/2014	9/10/2014	43	76	17	15,877,755	1,369,845	JOHNSON	PRIVATE	680	Cement Cone
U36-17-378	9/9/2014	9/10/2014	43	76	17	15,877,656	1,369,206	JOHNSON	PRIVATE	680	Cement Cone
U36-17-393	9/9/2014	9/10/2014	43	76	17	15,877,904	1,369,679	JOHNSON	PRIVATE	720	Cement Cone
U36-17-397	9/9/2014	9/10/2014	43	76	17	15,877,477	1,369,302	JOHNSON	PRIVATE	670	Cement Cone
U36-17-383	9/10/2014	9/15/2014	43	76	17	15,877,838	1,369,094	JOHNSON	PRIVATE	700	Cement Cone
U36-17-386	9/10/2014	9/15/2014	43	76	17	15,877,602	1,369,637	JOHNSON	PRIVATE	680	Cement Cone
U36-17-398	9/10/2014	9/15/2014	43	76	17	15,877,667	1,369,534	JOHNSON	PRIVATE	680	Cement Cone
U36-17-379	9/15/2014	9/16/2014	43	76	17	15,877,758	1,369,199	JOHNSON	PRIVATE	680	Cement Cone
U36-17-385	9/15/2014	9/16/2014	43	76	17	15,877,566	1,369,542	JOHNSON	PRIVATE	680	Cement Cone
U36-17-387	9/15/2014	9/16/2014	43	76	17	15,877,528	1,369,671	JOHNSON	PRIVATE	670	Cement Cone
U36-17-396	9/15/2014	9/16/2014	43	76	17	15,877,682	1,369,111	JOHNSON	PRIVATE	700	Cement Cone
U36-17-373	9/16/2014	9/17/2014	43	76	17	15,878,206	1,368,986	JOHNSON	PRIVATE	730	Cement Cone
U36-17-376	9/16/2014	9/17/2014	43	76	17	15,878,005	1,369,192	JOHNSON	PRIVATE	700	Cement Cone
U36-17-382	9/16/2014	9/17/2014	43	76	17	15,878,022	1,368,893	JOHNSON	PRIVATE	720	Cement Cone
U36-17-384	9/16/2014	9/17/2014	43	76	17	15,877,698	1,369,007	JOHNSON	PRIVATE	710	Cement Cone
U36-17-381	9/17/2014	9/18/2014	43	76	17	15,878,056	1,368,752	JOHNSON	PRIVATE	690	Cement Cone
U36-17-390	9/17/2014	9/18/2014	43	76	17	15,878,031	1,369,417	JOHNSON	PRIVATE	700	Cement Cone
U36-17-374	9/18/2014	9/22/2014	43	76	17	15,877,994	1,368,941	JOHNSON	PRIVATE	730	Cement Cone
U36-17-391	9/18/2014	9/22/2014	43	76	17	15,877,960	1,369,460	JOHNSON	PRIVATE	700	Cement Cone
U36-17-399	9/18/2014	9/22/2014	43	76	17	15,877,830	1,369,504	JOHNSON	PRIVATE	670	Cement Cone
U36-08-002	9/19/2014	9/22/2014	43	76	8	15,878,246	1,368,881	JOHNSON	PRIVATE	700	Cement Cone
U36-17-377	9/19/2014	9/22/2014	43	76	17	15,877,780	1,368,930	JOHNSON	PRIVATE	740	Cement Cone
U36-17-404	9/22/2014	9/24/2014	43	76	17	15,877,937	1,368,931	JOHNSON	PRIVATE	730	Cement Cone
U36-17-407	9/22/2014	9/24/2014	43	76	17	15,878,179	1,368,884	JOHNSON	PRIVATE	700	Cement Cone
U36-08-003	9/23/2014	9/24/2014	43	76	08	15,878,273	1,368,830	JOHNSON	PRIVATE	690	Cement Cone
U36-17-405	9/23/2014	9/24/2014	43	76	17	15,878,001	1,368,885	JOHNSON	PRIVATE	720	Cement Cone
U36-17-406	9/25/2014	9/29/2014	43	76	17	15,877,939	1,368,892	JOHNSON	PRIVATE	720	Cement Cone
U36-17-410	9/25/2014	9/29/2014	43	76	17	15,878,101	1,369,192	JOHNSON	PRIVATE	710	Cement Cone
U36-17-409	9/26/2014	9/29/2014	43	76	17	15,877,992	1,369,316	JOHNSON	PRIVATE	700	Cement Cone

Appendix E

Wildlife Survey Report

WILDLIFE MONITORING REPORT
FOR 2013-2014 ANNUAL REPORT PERIOD

Prepared for

URZ

By

TRC Environmental Corporation
Laramie, Wyoming
TRC Project 51825/112362

November 2014

TABLE OF CONTENTS

LIST OF TABLES

LIST OF EXHIBITS

A.1.0 INTRODUCTION

During the annual report period, URZ retained TRC Environmental Corporation to continue the wildlife monitoring program specified in the Mine Plan. This annual report includes the results of the 2014 raptor nest survey and greater sage-grouse lek surveys.

A.2.0 2014 SURVEY METHODS

A.2.1 Raptor Nest Survey

All known raptor nests within the permit area and a 0.5-mi buffer were located and surveyed by biologists from Wildlife Resources, LLC, of Big Horn from May 13 through June 11, 2014. Suitable habitats (e.g., cliffs, riparian areas) were searched a minimum of three times using binoculars and/or spotting scopes to locate nest structures, whitewash, or any other indicator of past or present raptor nesting (e.g., defensive or incubating raptors, the presence of juvenile raptors, repeated observations of raptors in the same general area). These surveys followed the protocol outlined in Appendix B of the Wyoming DEQ Coal Regulations. When a nest could not be looked into, the nest was classified as active if at least one adult was observed defending the nest. If no sign of occupancy was evident, the area below and around the nest was checked for signs of recent activity (mute, pellets, feathers, prey remains, or young) in an attempt to verify occupancy. In addition, black-tailed prairie dog towns within the permit area and a 0.5-mi buffer were searched using binoculars and/or spotting scopes to locate burrowing owl nest locations. Most areas of the prairie dog towns were also searched by traversing the towns and examining burrows for whitewash or other sign of activity.

A.2.2 Greater Sage-grouse Lek Surveys

Eleven known greater sage-grouse leks or satellite leks within 2.0 mi of the Nichols Ranch ISR project area were searched for activity between April 1 and May 5, 2014, in accordance with the approved wildlife monitoring plan. None of these leks are located within either the Nichols Ranch or Hank Unit boundaries. Biologists drove to the area and used binoculars and/or spotting scopes to locate the lek area and to count the peak number of male and female greater

sage-grouse present during each survey. Three lek searches were conducted at each lek, and surveys were conducted from as close to sunrise as possible to 0.5 hour after sunrise.

A.3.0 2014 RESULTS

A.3.1 Raptor Nest Survey

Seventy-four nests within the raptor nest survey area were surveyed by biologists from Wildlife Resources, LLC, of Big Horn, Wyoming, during the spring of 2014, and five nests were determined to be active. Active nests included three great horned owl nests (nest numbers 3654, 4531, and 12865), one prairie falcon aerie (nest number A10-14), and a red-tailed hawk nest (nest number 4098). All active nests were located in the Hank Unit survey area. One young was observed in great horned owl nest number 3654, the presence of young could not be determined for great horned owl nest number 4531, and no young were produced in great horned owl nest number 12865. Production in the prairie falcon aerie (nest A10-14) could not be determined because biologists could not see into the nesting area. Production in the red-tailed hawk nest (nest 4098) could not be determined because biologists could not see into the nest. The locations and status of all 74 nests are described in Table A.1 and illustrated on Exhibit A.1. Three additional nest structures were newly recorded in 2014. The increase in the number of nests was likely due to increased familiarity of the field biologists with the project area associated with the rugged conditions and dense vegetation around that portion of the Pumpkin Buttes.

A.3.2 Greater Sage-grouse Lek Surveys

Eleven leks were surveyed three times between April 1 and May 5, 2014, by biologists from Wildlife Resources, LLC, of Big Horn, Wyoming. One of the leks (Windmill Satellite) was determined to be active in 2014 and had male attendance. This lek is located closest to the Hank Unit (refer to Exhibit A.1). The remaining 10 leks were inactive. The Windmill Satellite lek had a peak male attendance of eight birds, compared to a peak of five males observed at the lek in 2013. The locations of the leks and additional lek data are illustrated on Exhibit A.1 and presented in Table A.2, respectively.

Table A.1 Locations and Activity Status of Raptor Nests, Nichols Ranch ISR Project, 2014.

UNIT NAME	SPECIES[1]	BLM/WLR ID	Twn	Rng	Sec, qq/q	Zn	Easting	Northing	Datum	County	Date	2014 Status[2]	2014 Production	Condition	Sub/Ht[3]	Nest/Ht
Hank Unit	GRHO	12865	44	76	25, NE/NE	13	425277	4846360	83	Campbell	5/13/2014	ACTI	No young seen	FAIR	CTL/30'	Sticks/25'
Hank Unit	GRHO	3654	43	75	7, NE/NW	13	425810	4841363	83	Campbell	5/20/2014	ACTI	Fledged, one Class IV young seen		CLF	Sticks/18'
Hank Unit	RETA	4098	44	76	36, NE/NE	13	425170	4844450	83	Campbell	5/13/2014	ACTI	Bird on nest, couldn't see into nest	GOOD	CTL/50'	Sticks/40'
Hank Unit	GRHO	4531	43	75	7, SE/NW	13	425852	4840885	83	Campbell	5/20/2014	ACTI	Could not see into nest	FAIR	CTL/35'	Sticks/25'
Hank Unit	PRFA	A10-14	44	75	32, SW/SW	13	427033	4843274	84	Campbell	5/20/2014	ACTI	PRFA defending area, but could not see into nest		CLF	
Hank Unit	UNRA	6185	43	76	13, NE/NE	13	424860	4839710	83	Campbell	5/14/2014	INAC		GONE	dup of 4536	Sticks
Hank Unit	RETA	3655	43	75	7, NW/NE	13	426126	4841173	83	Campbell	5/20/2014	INAC		GONE	Tree fell	Sticks/30'
Hank Unit	GRHO	3658	43	75	7, NW/NW	13	425538	4841443	83	Campbell	5/20/2014	INAC		GONE	CTL/40'	Sticks/35'
Hank Unit	LOOW	4101	43	76	1, NE/NE	13	425028	4842796	83	Campbell	5/13/2014	INAC		POOR	JUL/18'	Sticks/12'
Hank Unit	PRFA	4102	44	75	32, SW/SW	13	427040	4843215	83	Campbell	5/20/2014	INAC			ROC	
Hank Unit	PRFA	4103	44	75	32, SW/SW	13	427130	4843380	83	Campbell	5/20/2014	INAC			ROC	
Hank Unit	LOOW	4106	44	75	30, NE/SW	13	425968	4845500	83	Campbell	5/13/2014	INAC		FAIR	JUL/15'	Sticks/8'
Hank Unit	UNRA	4115	43	76	1, NW/SE	13	424626	4842237	83	Campbell	5/13/2014	INAC		POOR	JUL/12'	Sticks/7'
Hank Unit	LOOW	4527	43	76	1, NE/SE	13	425162	4841951	83	Campbell	5/13/2014	INAC		GONE	JUL/16'	Sticks/12'
Hank Unit	GOEA	4528	43	75	7, NW/NW	13	425405	4841428	83	Campbell	5/20/2014	INAC		GONE	Tree fell	Sticks/35'
Hank Unit	UNRA	4529	43	75	7, NE/NW	13	425809	4841286	83	Campbell	6/11/2014	INAC		GOOD	CTL/45'	Sticks/30'
Hank Unit	BBMA	4533	43	75	7, SW/SW	13	425535	4839860	83	Campbell	5/14/2014	INAC		BBMA	CTL/35'	Sticks/15'
Hank Unit	GRHO	4536	43	76	13, NE/NE	13	424825	4839733	83	Campbell	5/14/2014	INAC		POOR	CTL/45'	Sticks/30'
Hank Unit	GRHO	6517	43	75	8, NW/NW	13	426895	4841340	83	Campbell	5/20/2014	INAC		GONE	CLF	Dirt/20'
Hank Unit	LOOW	6518	43	75	7, SE/NE	13	426766	4840910	83	Campbell	5/20/2014	INAC		FAIR	JUL/15'	Sticks/10'
Hank Unit	UNRA	6521	43	75	8, NW/SW	13	427150	4840503	83	Campbell	5/20/2014	INAC		FAIR	JUL/14'	Sticks/10'
Hank Unit	UNRA	6522	43	75	8, NW/SW	13	427191	4840479	83	Campbell	5/20/2014	INAC		GONE	CTL/35'	Sticks/25'
Hank Unit	UNRA	6523	43	75	8, NW/SW	13	427193	4840478	83	Campbell	5/20/2014	INAC		POOR	JUL/18'	Sticks/10'
Hank Unit	UNRA	6524	43	75	8, NW/SW	13	427203	4840367	83	Campbell	5/20/2014	INAC		FAIR	JUL/15'	Sticks/10'
Hank Unit	BBMA	6525	43	75	8, SW/SW	13	427216	4840197	83	Campbell	5/20/2014	INAC		GONE	Tree Fell	Sticks/12'
Hank Unit	RETA	6534	43	75	8, SW/NW	13	426984	4840745	83	Campbell	5/20/2014	INAC		POOR	CTL/50'	Sticks/40'
Hank Unit	RETA	6535	43	75	8, SW/NW	13	426940	4840760	83	Campbell	5/20/2014	INAC		GONE	CTD/10'	Sticks/10'
Hank Unit	BBMA	12340	44	76	25, NE/NE	13	425109	4846310	83	Campbell	5/13/2014	INAC		POOR	JUN	
Hank Unit	UNRA	12800	43	75	7, SE/NE	13	426712	4840910	83	Campbell	5/20/2014	INAC		FAIR	CTL/40'	Sticks/30'
Hank Unit	UNRA	12843	43	75	8, NW/SW	13	427204	4840440	83	Campbell	5/20/2014	INAC		FAIR	JUL/20'	Sticks/15'
Hank Unit	UNRA	12844	43	75	5, NE/SW	13	427461	4842035	83	Campbell	5/20/2014	INAC		FAIR	JUL/12'	Sticks/8'
Hank Unit	TUVU	12893	44	75	32, SW/SW	13	427060	4843210	83	Campbell	5/20/2014	INAC		GOOD	Hole	Dirt
Hank Unit	UNRA	12902	43	75	6, NW/NW	13	425247	4842889	83	Campbell	6/11/2014	INAC		GONE	JUL/25'	Sticks/20'
Hank Unit	UNRA	13009	43	75	5, NE/SW	13	427465	4842089	83	Campbell	5/20/2014	INAC		GONE	JUL/15'	Sticks/12'
Hank Unit	UNRA	13010	43	75	5, NE/SW	13	427595	4842271	83	Campbell	5/20/2014	INAC		GONE	JUL/15'	Sticks/10'
Hank Unit	PRFA	13019	43	75	5, NW/NW	13	427354	4843011	83	Campbell	5/20/2014	INAC			CLF	
Hank Unit	UNRA	13386	44	75	30, SE/SE	13	426871	4845207	83	Campbell	5/13/2014	INAC		POOR	JUN/20'	Sticks/12'
Hank Unit	UNRA	13471	43	75	8, SW/SW	13	427209	4839955	83	Campbell	5/20/2014	INAC		FAIR	CTL/35'	Sticks/20'
Hank Unit	UNRA	13474	43	75	7, NW/NW	13	425435	4841389	83	Campbell	5/20/2014	INAC		FAIR	CTL/45'	Sticks/35'
Hank Unit	UNRA	13488	43	75	6, SE/NE	13	426826	4842568	83	Campbell	5/20/2014	INAC		FAIR	JUN/12'	Sticks/8'
Hank Unit	UNRA	13489	43	75	8, NW/SW	13	427012	4840662	83	Campbell	5/19/2014	INAC		POOR	JUN/15'	Sticks/10'
Hank Unit	UNRA	13491	43	75	7, NE/NW	13	426029	4841226	83	Campbell	5/20/2014	INAC		FAIR	JUN/18'	Sticks/10'
Hank Unit	UNRA	13492	43	75	8, NW/SW	13	427004	4840672	83	Campbell	5/20/2014	INAC		FAIR	JUN/20'	Sticks/15'
Hank Unit	UNRA	13493	43	75	8, NW/SW	13	427008	4840671	83	Campbell	5/20/2014	INAC		GONE	JUN/20'	Sticks/15'
Hank Unit	UNRA	13496	43	75	8, NW/SW	13	427185	4840383	83	Campbell	5/20/2014	INAC		POOR	JUN/25'	Sticks/15'
Hank Unit	UNRA	A3-14	44	75	30, NW/SE	13	426255	4845466	83	Campbell	6/11/2014	INAC		FAIR	CTL/60'	Sticks/45'
Hank Unit	UNRA	I2-14	43	75	8, SE/NW	13	427380	4841060	83	Campbell	5/20/2014	INAC		FAIR	JUN/30'	Sticks/18'

Table A.1 (Continued)

UNIT NAME	SPECIES[1]	BLM/WLR ID	Twn	Rng	Sec, qq/q	Zn	Easting	Northing	Datum	County	Date	2014 Status[2]	2014 Production	Condition	Sub/Ht[3]	Nest/Ht
Nichols Ranch Unit	RETA	5486	43	76	16, SE/NW	13	419491	4839078	83	Campbell	5/12/2014	INAC		FAIR	CTL/55'	Sticks/40'
Nichols Ranch Unit	LOOW	5491	43	76	16, SW/NW	13	418730	4839255	83	Campbell	5/12/2014	INAC		POOR	CTL/40'	Sticks/30'
Nichols Ranch Unit	UNRA	5531	43	76	17, NE/NW	13	417680	4839800	83	Johnson	5/12/2014	INAC		GONE	CTL/40'	Sticks/30'
Nichols Ranch Unit	RETA	5532	43	76	17, NW/NW	13	417390	4839590	83	Johnson	5/12/2014	INAC		POOR	CTL/35'	Sticks/20'
Nichols Ranch Unit	RETA	5533	43	76	17, NW/NW	13	417380	4839615	83	Johnson	5/12/2014	INAC		POOR	CTL/45'	Sticks/30'
Nichols Ranch Unit	UNRA	5534	43	76	16, SW/NW	13	418790	4839206	83	Campbell	5/12/2014	INAC		GONE	CTL/25'	Sticks/20'
Nichols Ranch Unit	UNRA	5535	43	76	16, SW/NW	13	418720	4839265	83	Campbell	5/12/2014	INAC		POOR	CTL/25'	Sticks/20'
Nichols Ranch Unit	UNRA	13478	43	76	16, SE/NW	13	419493	4839080	83	Campbell	5/12/2014	INAC		FAIR	CTL/50'	Sticks/20'
Nichols Ranch Unit	UNRA	4497	43	76	17, SE/SE	13	418438	4838503	83	Campbell	5/12/2014	INAC		GONE	CTL/55'	Sticks/25'
Nichols Ranch Unit	UNRA	4498	43	76	16, SE/SW	13	419268	4838365	83	Campbell	6/11/2014	INAC		GONE	CTL/50'	Sticks/30'
Nichols Ranch Unit	UNRA	4499	43	76	19, NE/NE	13	416802	4838238	83	Johnson	5/12/2014	INAC		POOR	CTL/45'	Sticks/30'
Nichols Ranch Unit	GOEA	4500	43	76	20, NE/NE	13	418591	4837803	83	Campbell	5/12/2014	INAC		GONE	CTL/50'	Sticks/40'
Nichols Ranch Unit	RETA	5487	43	76	19, NW/NE	13	416557	4837912	83	Campbell	5/12/2014	INAC		POOR	CTL/60'	Sticks/50'
Nichols Ranch Unit	GOEA	5494	43	76	20, NE/NE	13	418662	4837768	83	Campbell	5/12/2014	INAC		GONE	CLF	Sticks
Nichols Ranch Unit	GOEA	5495	43	76	21, NE/NW	13	419454	4837968	83	Campbell	5/12/2014	INAC		GOOD	CTL/50'	Sticks/45'
Nichols Ranch Unit	GRHO	5511	43	76	20, NE/SE	13	418271	4837232	83	Campbell	5/12/2014	INAC		GONE	CTL/45'	Sticks/35'
Nichols Ranch Unit	GOEA	5537	43	76	17, SW/SE	13	418170	4838235	83	Campbell	5/12/2014	INAC		POOR		
Nichols Ranch Unit	UNRA	11945	43	76	20, NW/SE	13	418259	4837251	83	Campbell	5/12/2014	INAC		FAIR	CTL	
Nichols Ranch Unit	BBMA	11946	43	76	20, NE/SE	13	418676	4837265	83	Campbell	5/12/2014	INAC		GONE	CTD	BBMA nest
Nichols Ranch Unit	UNRA	11947	43	76	21, NW/NW	13	418751	4838059	83	Campbell	5/12/2014	INAC		POOR	CTL	
Nichols Ranch Unit	UNRA	11948	43	76	20, SE/NE	13	418580	4837806	83	Campbell	5/12/2014	INAC		FAIR	CTL	
Nichols Ranch Unit	UNRA	11949	43	76	20, NE/SE	13	418100	4838187	83	Campbell	5/12/2014	INAC		FAIR	CTL	
Nichols Ranch Unit	GOEA	12757	43	76	19, SE/NE	13	417064	4837702	83	Johnson	5/12/2014	INAC		POOR	CTL/50'	Sticks/40'
Nichols Ranch Unit	UNRA	12963	43	76	20, NE/SE	13	418630	4837317	83	Campbell	5/12/2014	INAC		POOR	CTL/50'	Sticks/20'
Nichols Ranch Unit	UNRA	12965	43	76	19, SE/NE	13	417032	4837780	83	Johnson	5/12/2014	INAC		POOR	CTL/40'	Sticks/30'
Nichols Ranch Unit	UNRA	12967	43	76	16, NW/SW	13	419028	4838833	83	Campbell	5/12/2014	INAC		POOR	CTL/50'	Sticks/35'
Nichols Ranch Unit	UNRA	13495	43	76	20, NE/NE	13	418653	4837762	83	Campbell	5/12/2014	INAC		FAIR	JUN/25'	Sticks/15'

Table A.1 (Continued)

Footnotes:

[1] SPECIES CODES

AMKE = American Kestrel
BAEA = Bald Eagle
BUOW = Burrowing Owl
COHA = Cooper's Hawk
FEHA = Ferruginous Hawk
GOEA = Golden Eagle
GRHO = Great Horned Owl
LOOW = Long-eared Owl
MERL = Merlin
NOGO = Northern Goshawk
NOHA = Northern Harrier
OSPR = Osprey
PEFA = Peregrine Falcon
PRFA = Prairie Falcon
RETA = Red-tailed Hawk
SHHA = Sharp-shinned hawk
SWHA = Swainson's Hawk
UNAC = Unknown Accipiter
UNBU = Unknown Buteo
UNOW = Unknown Owl
UNRA = Unknown Raptor

[2] BREEDING STATUS

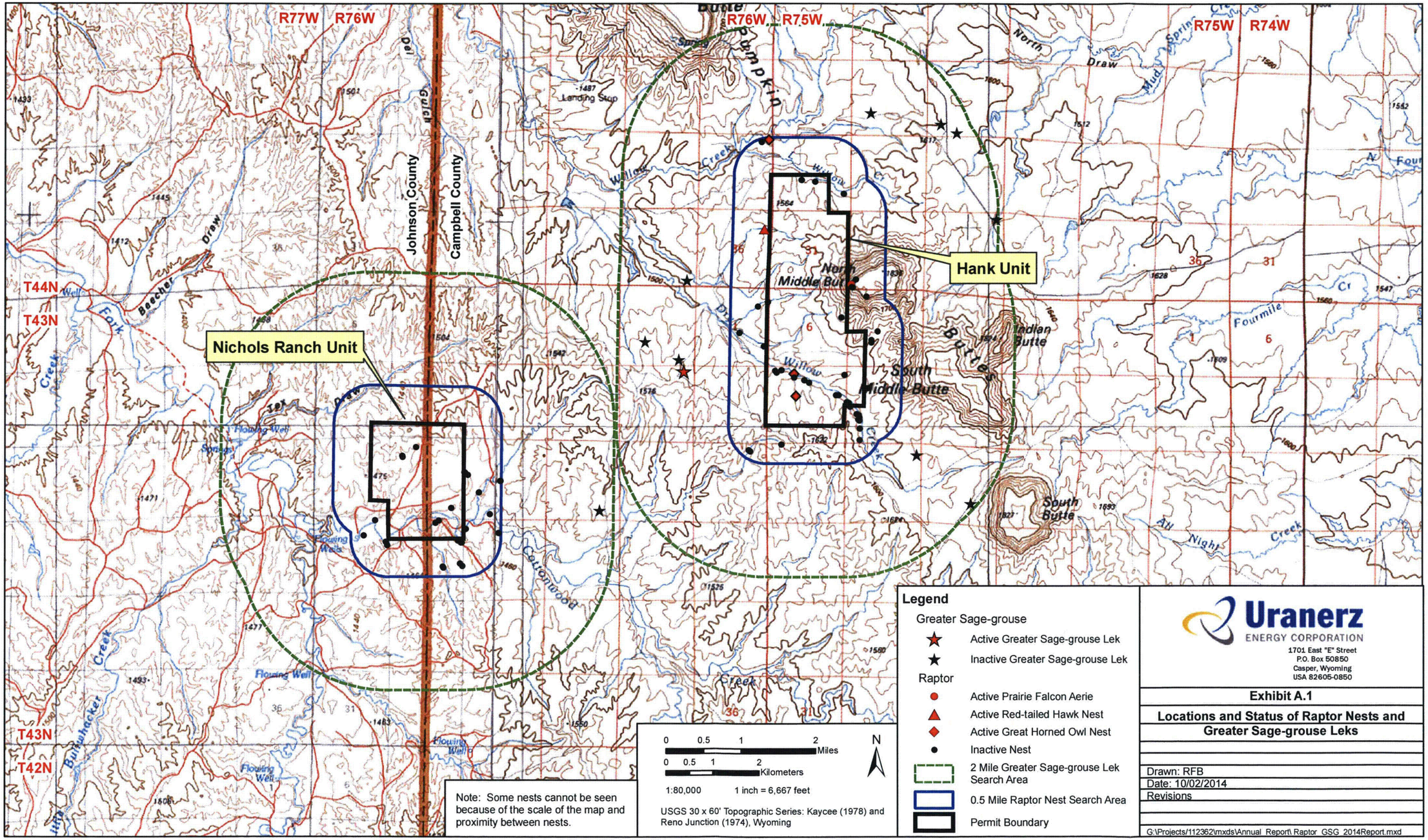
ACTI = Active
INAC = Inactive

[3] NESTING SUBSTRATE

CTD = Cottonwood Tree Dead
CTL = Cottonwood Tree Live
CLF = Cliff
ROC = Rock Cavity
JUL = Juniper Tree Live
JUN = Juniper Tree

Table A.2 Location Greater-sage Grouse Leks and Number of Birds Observed, Nichols Ranch ISR Project, 2014.

Lek I.D.	Sec, qq/q	Twn	Rng	Easting	Northing	County	Date	Time	Conditions	Males	Females	Unknown	Air/ground	Remarks
Cottonwood Creek 2	15, SE/SE	43	76	421621	4838450	Campbell	4/1/2014	7:15 AM	Partly cloudy, 30, 0-5 NW	0	0	0	Ground	
							4/8/2013	7:15 AM	Clear, calm, 30	0	0	0	Ground	
							4/22/2014	6:45 AM	Partly cloudy, calm, 45	0	0	0	Ground	
Gilbertz III	21, SE/SW	44	75	429307	4846518	Campbell	4/1/2014	7:13 AM	Clear, 5-10 E, 30	0	0	0	Ground	
							4/8/2014	6:56 AM	Clear, calm, 35	0	0	0	Ground	
							4/22/2014	6:28 AM	Partly cloudy, calm, 40	0	0	0	Ground	
Gilbertz III Sat.	21, SW/SW	44	75	428960	4846700	Campbell	4/1/2014	7:15 AM	Clear, 5-10 E, 30	0	0	0	Ground	
							4/8/2014	6:56 AM	Clear, calm, 35	0	0	0	Ground	
							4/22/2014	6:30 AM	Partly cloudy, calm, 40	0	0	0	Ground	
Hines	16, NW/SE	43	75	429600	4838600	Campbell	4/7/2014	6:25 AM	Cloudy, 10-15 NW, 30	0	0	0	Ground	
							4/21/2014	5:56 AM	Clear, 5-10 N, 40	0	0	0	Ground	
							5/5/2014	5:26 AM	Cloudy, 0-5 W, 40	0	0	0	Ground	
Hines NW	17, NE/NE	43	75	428443	4839637	Campbell	4/7/2014	7:08 AM	Cloudy, 10-15 NW, 30	0	0	0	Ground	
							4/21/2014	6:40 AM	Clear, 5-10 N, 40	0	0	0	Ground	
							5/5/2014	6:03 AM	Cloudy, 0-5 W, 40	0	0	0	Ground	
Mud Spring Creek	33, NE/NE	44	75	430151	4844662	Campbell	4/1/2014	7:20 AM	Clear, 5-10 E, 30	0	0	0	Ground	
							4/8/2014	7:04 AM	Clear, calm, 35	0	0	0	Ground	
							4/22/2014	6:39 AM	Partly cloudy, calm, 40	0	0	0	Ground	
North Butte Sat.	20, NE/SW	44	75	427450	4846946	Campbell	4/1/2014	7:06 AM	Clear, 5-10 E, 30	0	0	0	Ground	
							4/8/2014	6:52 AM	Clear, calm, 35	0	0	0	Ground	
							4/22/2014	6:23 AM	Partly cloudy, calm, 40	0	0	0	Ground	
Windmill	2, SE/SE	43	76	423323	4841666	Campbell	4/1/2014	6:30 AM	Partly cloudy, 30, 0-5 NW	0	0	0	Ground	
							4/8/2014	6:25 AM	Clear, calm, 30	0	0	0	Ground	
							4/22/2014	6:00 AM	Partly cloudy, calm, 45	0	0	0	Ground	
Windmill North	35, SE/SE	44	76	423500	4843360	Campbell	4/1/2014	6:44 AM	Clear, calm, 35	0	0	0	Ground	
							4/8/2014	6:45 AM	Clear, calm, 35	0	0	0	Ground	
							4/22/2014	6:00 AM	Partly cloudy, calm, 45	0	0	0	Ground	
Windmill NW	2, NE/SW	43	76	422599	4842051	Campbell	4/1/2014	7:00 AM	Partly cloudy, 30, 0-5 NW	0	0	0	Ground	
							4/8/2014	6:50 AM	Clear, calm, 30	0	0	0	Ground	
							4/22/2014	6:15 AM	Partly cloudy, calm, 45	0	0	0	Ground	
Windmill Sat.	11, NE/NE	43	76	423429	4841417	Campbell	4/1/2014	6:50 AM	Partly cloudy, 30, 0-5 NW	8	4	0	Ground	
							4/8/2014	6:40 AM	Clear, calm, 30	4	4	0	Ground	
							4/22/2014	6:10 AM	Partly cloudy, calm, 45	7	0	0	Ground	


R77W
R76W
R76W
R75W
R75W
R74W
T44N
T43N
T43N
T42N
Johnson County
Campbell County
Nichols Ranch Unit
Hank Unit
Beecher Draw
Willow Creek
Fourmile Creek
Butte Pumpkin
North Middle Butte
South Middle Butte
Indian Butte
South Butte
All Night Creek
Buffalo Butte
Cottonwood Creek
Flowing Well
Flowing Well Spring
Spring
Landing Strip
Legend
Greater Sage-grouse
Active Greater Sage-grouse Lek
Inactive Greater Sage-grouse Lek
Raptor
Active Prairie Falcon Aerie
Active Red-tailed Hawk Nest
Active Great Horned Owl Nest
Inactive Nest
2 Mile Greater Sage-grouse Lek Search Area
0.5 Mile Raptor Nest Search Area
Permit Boundary
0 0.5 1 2 Miles
0 0.5 1 2 Kilometers
N
1:80,000
1 inch = 6,667 feet
USGS 30 x 60' Topographic Series: Kaycee (1978) and Reno Junction (1974), Wyoming
Note: Some nests cannot be seen because of the scale of the map and proximity between nests.
Uranerz
ENERGY CORPORATION
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P.O. Box 50850
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USA 82605-0850
Exhibit A.1
Locations and Status of Raptor Nests and Greater Sage-grouse Leks
Drawn: RFB
Date: 10/02/2014
Revisions
G:\Projects\112362\mxds\Annual_Report\ Raptor_GSG_2014Report.mxd

Appendix F

Figures

The 12 drawings specifically referenced in the table of contents have been processed into ADAMS.

These drawings can be accessed within the ADAMS package or by performing a search on the Document/Report Number.

D01 – D12