



40-9091

July 19, 2016

Mr. Mark Rogaczewski
District III Supervisor
Wyoming Department of Environmental Quality - Land Quality Division
2100 West 5th Street
Sheridan, WY 82801

Attn: Document Control Desk
Director
Office of Nuclear Material Safety and Safeguards
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Re: Strata Energy Inc. Ross ISR Project
Quarterly Report required under WDEQ-LQD Permit to Mine No. 802 and
USNRC Materials License SUA-1601
Second Quarter 2016

Dear Mr. Rogaczewski and NRC Director:

In accordance with Wyoming Department of Environmental Quality - Land Quality Division (WDEQ-LQD) Non-Coal Rules and Regulations Chapter 11 and Permit to Mine No. 802 and SUA-1601 License Condition 11.1, quarterly reporting is required. A comparison of quarterly reporting requirements between Permit to Mine No. 802 and NRC License SUA-1601 has identified similar reporting requirements. Strata has therefore combined the WDEQ-LQD and NRC quarterly reports. The report format most closely follows the WDEQ-LQD Chapter 11 Section 15 requirement list.

If you have any questions regarding the provided information, please contact me at 307-467-5995 or by email at mgriffin@stratawyo.com.

Sincerely,
STRATA ENERGY INC.

A handwritten signature in black ink, appearing to read "Mike Griffin", is written over a printed name.

Mike Griffin
Vice President of Permitting, Regulatory and Environmental Compliance

Attachments: Second Quarter 2016 Report – 1 copy to NRC, 2 copies to WDEQ-LQD

NM5520

Second Quarter 2016 Report
Ross ISR Project
WDEQ-LQD Permit to Mine No. 802 and
USNRC Materials License SUA-1601

1 Introduction

The Strata Energy Inc. (Strata) Ross ISR Project located in Crook County is permitted under Wyoming Department of Environmental Quality - Land Quality Division (WDEQ-LQD) Permit to Mine No. 802 and licensed by the US Nuclear Regulatory Commission (USNRC) under Materials License SUA-1601. This report includes details of the required activities for the period of April 1 through June 30, 2016. The following highlights activities that occurred during the reporting period:

- Production continues in Mine Unit 1. Headerhouses 3 and 4 in Mine Unit 1 were brought on line during the quarter.
- Drilling, well construction, mechanical integrity testing, and hole plugging activities were continued in Mine Units 1 and 2 during the quarter. Well completion details are available at the mine site and are provided in the annual report to the WDEQ-LQD.
- Collection of preoperational water quality data and hydrologic testing began in Mine Unit 2 during the quarter.

2 Excursion Parameters, Corrective Actions, Well Status

Monitor well sampling is performed during operation to detect and correct conditions leading to a potential excursion. Monitor well sampling and analysis is performed according to the LQD Mine Plan Section 5.13.2.3 and the SUA-1601 License Condition 11.5. The monitor wells in wellfields in production are sampled twice a month, at least 10 days apart, for water levels and the excursion parameters of chloride, conductivity, and total alkalinity for overlying monitor (SM) and perimeter monitor (PM) wells and for sulfate, conductivity, and total alkalinity for the underlying monitor (DM) wells.

Monitor well sampling in Mine Unit 1 continued during the period. All perimeter, overlying and underlying monitor wells were sampled as required. Tabular results for each well are enclosed in Appendix C.

2.1.1 Excursion Status

There were no excursions during the quarter.

3 Well Installation

75 Mine Unit 2 (MU2) OZ wells totaling 43,460 feet were cased and cemented in the second quarter. 73 of the wells are located in Section 18 T53N R67W, 1 well is located in Section 13 T53N R68W, and 1 well is located in Section 12 T53N R68W. Well completion details are available at the mine site.

32 MU2 monitor wells totaling 14,700 feet were installed in the second quarter. 10 wells were installed in Section 13 T53N R68W, 5 wells were installed in Section 12 T53N R68W, 11 wells were installed in

Section 18 T53N R67W, and 6 wells were installed in Section 7 T53N R67W. Well completion details are available at the mine site.

4 Mechanical Integrity Testing

30 MU1 wells located in Section 18 T53N R67W passed mechanical integrity test (MIT) during the period. Included in these 30 wells is OZ 288 which failed the initial MIT but passed after resetting the bottom packer. Also included are OZ 81 and 281 which were worked over to enhance flow and passed a second MIT. OZ 318 was repaired and passed the subsequent MIT.

89 MU2 baseline/monitor wells passed the MIT in the second quarter. 37 of the wells are located in Section 18 T53N R67W, 28 wells are located in Section 13 T53N R68W, 13 wells are located in Section 07 T53N R67W, and 11 wells are located in Section 12 T53N R68W. Three wells (OW1B60-1, OW1B57-1, and OW1B58-1) were part of the Ross Regional Monitor wells. OW1B60-1 failed the initial test, was repaired and passed the subsequent test. Seven wells (DM 18, DM 7, OZ 21A, DM 10, DM 13, and DM 15) failed the initial test, were repaired, and passed the subsequent test. Five wells (OZ 10, DM 10, OZ 4, DM 4, and DM11) were re-tested as a check after the initial pump test. All wells passed the MIT again. MIT results are included in Appendix A.

5 Well Repair and Plugging Activities

Plugging and abandonment of cased wells is performed in accordance with Permit to Mine No. 802, Mine Plan Section 5.11 and Reclamation Plan Addendum RP-1 and in accordance with WDEQ-LQD Noncoal Rules and Regulations Chapter 8 and Wyoming Statute 35-11-404. Well abandonment reports are submitted in the WDEQ-LQD Annual Report as required by Permit to Mine No. 802.

19 MU 2 wells were abandoned in the second quarter with high solids bentonite grout. 15 of the wells were drilled and abandoned (D & A) planned mining holes. 2 wells (12-18 DM and 12-18 OZ) were Ross Regional wells and 2 wells (OZ 17 and PM 1) were planned MU 2 baseline/monitor wells. All 18 holes are located in Section 18 T53N R67W and 1 hole, OZ 17 is located in Section 12 T53N R68W.

32 Historic down gradient MU2 holes located in Section 18 T53N R67W were re-entered and abandoned with high solids bentonite grout during the second quarter.

6 Water Quality of Injected Fluids

A typical lixiviant solution is provided in Table MP.4-2 of the Mine Plan with representative concentration ranges that could be found in the lixiviant. If changes occur to the ranges, Strata committed to updating the table in the annual report. Additionally, WDEQ-LQD Chapter 11, Section 14(a)(ii)(A) Non Coal Rules and Regulations requires that the nature of the injection fluids be monitored at least monthly to yield representative data on the characteristics of the fluid and Section 15(b)(i) requires that it is reported in the Quarterly Reports.

Table 1 depicts the injection fluid composition for the period based on a grab sample collected each month.

Table 1 Injection Fluid Composition

<i>Parameter</i>	<i>Permit Value Range</i>	<i>April 2016</i>	<i>May 2016</i>	<i>June 2016</i>
Sodium (mg/L)	<400 – 6,000	1200	1420	1270
Calcium (mg/L)	20 – 500	62	75	59
Magnesium (mg/L)	3 – 100	22	27	20
Potassium (mg/L)	<15 – 300	10	14	16
Carbonate (mg/L)	<0.5 – 2,500	ND	ND	ND
Bicarbonate (mg/L)	<400 – 5,000	2650	3050	2520
Chloride (mg/L)	<100 – 5,000	25	90	27
Sulfate (mg/L)	<400 – 5,000	847	674	856
U3O8 (mg/L)	<1 – 700	0.132	0.62	0.736
V2O5 (mg/L)	<1 – 400	0.87	0.21	1.12
TDS (mg/L)	<1000 – 12,000	3670	3880	3610
Ra-226 (pCi/L)	<300 – 2,000	313	366	214
pH (SU)	<6 - 8	6.8	6.66	6.9

7 Injection Pressure and Flowrate or Volume

According to WDEQ-LQD Chapter 11 Section 14(a)(ii)(B), the injection pressure and either flow rate or volume is to be monitored at least weekly. Chapter 11, Section 14(a)(ii)(C) allows monitoring to be performed by manifold. Strata monitors injection pressure and flow rates by header house. At this time, operations are occurring in Mine Unit 1, Headerhouse 1.

Table 2 is a tabulation of the daily injection pressures. The Strata system continuously records injection pressure via electronic instrumentation at the headerhouses. Per the NRC Source Material License SUA-1601, License Condition 11.1(B), the readings are kept on site and are available for inspection upon request. The maximum permitted injection pressure for the Ross Project is 140 psi.

Table 2 Daily Maximum Injection Pressure				
Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)
April 1, 2016	95.62	81.07	N/A	N/A
April 2, 2016	98.43	83.40	N/A	N/A
April 3, 2016	97.66	82.85	N/A	N/A
April 4, 2016	99.05	83.71	N/A	N/A
April 5, 2016	98.03	83.62	N/A	N/A
April 6, 2016	98.12	84.29	N/A	N/A
April 7, 2016	104.75	90.52	N/A	N/A
April 8, 2016	102.14	89.54	N/A	N/A
April 9, 2016	101.41	88.40	N/A	N/A
April 10, 2016	101.37	88.01	N/A	N/A
April 11, 2016	104.97	91.38	N/A	N/A
April 12, 2016	105.66	91.95	N/A	N/A
April 13, 2016	105.53	92.02	N/A	N/A
April 14, 2016	106.11	92.93	N/A	N/A
April 15, 2016	104.05	89.54	N/A	N/A
April 16, 2016	100.78	85.53	N/A	N/A
April 17, 2016	101.52	86.72	N/A	N/A
April 18, 2016	36.20	29.35	N/A	N/A
April 19, 2016	54.94	37.13	N/A	N/A
April 20, 2016	58.98	40.38	N/A	N/A
April 21, 2016	62.55	31.84	N/A	N/A
April 22, 2016	50.33	21.42	N/A	N/A
April 23, 2016	22.32	14.30	N/A	N/A
April 24, 2016	20.27	17.84	N/A	N/A
April 25, 2016	65.90	18.33	N/A	N/A
April 26, 2016	65.83	16.55	N/A	N/A
April 27, 2016	61.36	33.32	N/A	N/A
April 28, 2016	73.86	64.67	N/A	N/A
April 29, 2016	74.70	65.30	N/A	N/A
April 30, 2016	82.32	71.33	N/A	N/A
May 1, 2016	81.03	70.49	N/A	N/A
May 2, 2016	85.30	73.99	N/A	N/A
May 3, 2016	87.58	75.75	N/A	N/A
May 4, 2016	93.15	83.92	N/A	N/A
May 5, 2016	95.08	83.98	N/A	N/A
May 6, 2016	91.72	75.58	N/A	N/A
May 7, 2016	91.26	79.67	N/A	N/A
May 8, 2016	93.29	81.15	N/A	N/A

Table 2 Daily Maximum Injection Pressure				
Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)
May 9, 2016	100.44	88.51	N/A	N/A
May 10, 2016	87.02	54.94	N/A	N/A
May 11, 2016	87.14	57.02	N/A	N/A
May 12, 2016	77.26	51.24	N/A	N/A
May 13, 2016	54.68	32.40	N/A	N/A
May 14, 2016	75.61	57.65	N/A	N/A
May 15, 2016	86.40	69.32	N/A	N/A
May 16, 2016	87.44	69.22	71.34	N/A
May 17, 2016	87.22	69.07	75.18	N/A
May 18, 2016	90.98	72.82	77.27	N/A
May 19, 2016	95.06	78.44	81.52	N/A
May 20, 2016	94.21	78.53	81.83	N/A
May 21, 2016	92.06	75.98	81.02	N/A
May 22, 2016	92.34	76.33	81.94	N/A
May 23, 2016	94.83	78.28	99.00	N/A
May 24, 2016	92.85	76.25	95.36	N/A
May 25, 2016	90.61	74.68	94.32	N/A
May 26, 2016	90.66	75.12	94.62	N/A
May 27, 2016	92.44	67.20	80.90	N/A
May 28, 2016	94.92	69.38	84.59	N/A
May 29, 2016	92.66	67.27	79.17	N/A
May 30, 2016	93.70	68.77	81.27	N/A
May 31, 2016	97.12	70.99	95.96	N/A
June 1, 2016	88.38	69.63	95.92	N/A
June 2, 2016	10.38	11.57	19.04	N/A
June 3, 2016	8.88	11.65	17.23	N/A
June 4, 2016	8.93	11.57	14.63	N/A
June 5, 2016	8.58	9.53	13.45	N/A
June 6, 2016	8.06	7.93	12.39	N/A
June 7, 2016	57.25	39.60	44.77	N/A
June 8, 2016	83.96	69.59	58.62	N/A
June 9, 2016	83.42	69.68	53.32	N/A
June 10, 2016	85.09	70.76	54.47	N/A
June 11, 2016	85.24	71.03	56.03	N/A
June 12, 2016	85.99	72.04	57.24	N/A
June 13, 2016	95.09	81.03	73.66	N/A
June 14, 2016	98.52	84.51	77.82	N/A
June 15, 2016	99.07	85.18	78.10	N/A
June 16, 2016	97.19	83.16	73.87	N/A

Table 2 Daily Maximum Injection Pressure				
Date	Header house 1 (PSI)	Header house 2 (PSI)	Header house 3 (PSI)	Header house 4 (PSI)
June 17, 2016	94.39	80.04	81.41	N/A
June 18, 2016	96.21	83.34	93.76	N/A
June 19, 2016	97.42	84.38	91.60	N/A
June 20, 2016	98.10	84.91	91.83	N/A
June 21, 2016	97.85	83.56	91.30	51.32
June 22, 2016	94.05	79.91	85.19	55.46
June 23, 2016	100.07	85.08	90.53	64.91
June 24, 2016	97.72	84.14	93.16	61.77
June 25, 2016	92.01	75.98	88.18	56.13
June 26, 2016	92.02	75.99	88.50	57.50
June 27, 2016	87.58	72.19	84.82	69.93
June 28, 2016	94.64	78.94	89.24	70.32
June 29, 2016	92.19	76.71	88.51	67.53
June 30, 2016	94.40	76.87	89.98	69.06

On April 18, 2016, Strata submitted the quarterly report for the first quarter of 2016. In that report Table 2 provided a tabulation of the daily injection pressures. The table contained an erroneous maximum injection pressure in Headerhouse 1 on February 24, 2016, reported as 207.25 PSI. The actual maximum injection pressure for that date should have been 105.23 PSI. The cause of this erroneous reading was likely due to a faulty pressure switch that was replaced that day. This is supported by the fact that the pressure switches installed for this use cannot record greater than 200 PSI and injection pressure cannot physically reach 207 PSI due to pump limitations. Appendix B contains a corrected Table 2 for replacement in the original First Quarter 2016 report.

Flow rates are also continuously recorded via electronic instrumentation at the header houses. Table 3 is a tabulation of the production, injection, and bleed flow volumes for the quarter. Note that there is a variance between injection and recovery flows due to two phase flow in the flow meters caused by relatively low flow rates. However, the bleed flow totals shown in Table 3 are from a flow meter that directly measures the bleed taken at the CPP and are accurate. Per section 2.3 of the LQD Mine Plan and Section 3.1.4 of the NRC Technical Report, the estimated average production bleed is 1.25% with range of 0.5% to 2.0%.

Table 3 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Bleed (gallons)	% Bleed
Mine Unit 1				
April 1, 2016	1651270	1659381	24450	1.48%
April 2, 2016	1673548	1675587	26362	1.58%
April 3, 2016	1674334	1675038	28223	1.69%
April 4, 2016	1665192	1673702	33249	2.00%
April 5, 2016	1666193	1669132	33090	1.99%
April 6, 2016	1667874	1668958	35573	2.13%
April 7, 2016	1692369	1699617	27847	1.65%
April 8, 2016	1673766	1676867	26499	1.58%
April 9, 2016	1688305	1676017	36635	2.17%
April 10, 2016	1684182	1672372	36648	2.18%
April 11, 2016	1684162	1672532	37452	2.22%
April 12, 2016	1580524	1564391	36508	2.31%
April 13, 2016	1659856	1648925	35067	2.11%
April 14, 2016	983420	981644	14551	1.48%
April 15, 2016	1648887	1650498	17425	1.06%
April 16, 2016	1650391	1655606	18096	1.10%
April 17, 2016	825569	826255	8588	1.04%
April 18, 2016	89693 ¹	85192	6064	6.76%
April 19, 2016	244266 ¹	232595	16260	6.66%
April 20, 2016	184367 ¹	177713	9772	5.30%
April 21, 2016	299518 ¹	292804	15574	5.20%
April 22, 2016	287963 ¹	284349	11424	3.97%
April 23, 2016	0 ²	0 ²	0 ²	0.00%
April 24, 2016	0 ²	0 ²	0 ²	0.00%
April 25, 2016	214161 ¹	208797	13706	6.40%
April 26, 2016	424783 ¹	402561	31005	7.30%
April 27, 2016	464413 ¹	447604	29183	6.28%
April 28, 2016	578588	781752	23667	4.09%
April 29, 2016	434672	433154	7407	1.70%
April 30, 2016	932613	917104	16564	1.78%
May 1, 2016	1604738	1574531	31087	1.94%
May 2, 2016	1604310	1576911	29189	1.82%
May 3, 2016	1592822	1563086	28374	1.78%
May 4, 2016	1642364	1614769	30276	1.84%
May 5, 2016	1259787	1237988	24432	1.94%
May 6, 2016	889161	878821	20956	2.36%
May 7, 2016	1633192	1609202	28506	1.75%
May 8, 2016	1612468	1591069	29194	1.81%

Table 3 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Bleed (gallons)	% Bleed
May 9, 2016	1559031	1521819	29699	1.90%
May 10, 2016	1585716	1541835	28745	1.81%
May 11, 2016	1484484	1421850	28603	1.93%
May 12, 2016	1401137	1370458	22974	1.64%
May 13, 2016	1004980	960854	14596	1.45%
May 14, 2016	1491991	1446595	15670	1.05%
May 15, 2016	1529636	1490675	13587	0.89%
May 16, 2016	1566137	1524334	11619	0.74%
May 17, 2016	2093705	2024604	23739	1.13%
May 18, 2016	2148519	2059708	41618	1.94%
May 19, 2016	1925150	1838049	40011	2.08%
May 20, 2016	2207206	2101396	54034	2.45%
May 21, 2016	2139934	2049889	56336	2.63%
May 22, 2016	2153680	2066132	55197	2.56%
May 23, 2016	2122781	2058864	55679	2.62%
May 24, 2016	2150733	2073015	61940	2.88%
May 25, 2016	2167102	2068671	63429	2.93%
May 26, 2016	2127206	2027099	63210	2.97%
May 27, 2016	2145424	2056451	63381	2.95%
May 28, 2016	2166693	2070498	64990	3.00%
May 29, 2016	2160802	2069577	64956	3.01%
May 30, 2016	2128474	2057538	60900	2.86%
May 31, 2016	1688649	1628418	46961	2.78%
June 1, 2016	2091080	2025012	35854	1.71%
June 2, 2016	0 ²	0 ²	0 ²	0.00%
June 3, 2016	0 ²	0 ²	0 ²	0.00%
June 4, 2016	0 ²	0 ²	0 ²	0.00%
June 5, 2016	0 ²	0 ²	0 ²	0.00%
June 6, 2016	0 ²	0 ²	0 ²	0.00%
June 7, 2016	86831	84850	728	0.84%
June 8, 2016	2188405	2100073	51187	2.34%
June 9, 2016	2177828	2068893	62702	2.88%
June 10, 2016	2152165	2051783	63188	2.94%
June 11, 2016	2131314	2045415	63382	2.97%
June 12, 2016	2126312	2032701	65361	3.07%
June 13, 2016	2195354	2108460	45906	2.09%
June 14, 2016	2360893	2276307	27758	1.18%
June 15, 2016	2329965	2236065	47572	2.04%
June 16, 2016	2332231	2223409	70023	3.00%

Table 3 Wellfield Daily Flow Volumes				
Date	Recovery (gallons)	Injection (gallons)	Wellfield Bleed (gallons)	% Bleed
June 17, 2016	2278798	2191579	65316	2.87%
June 18, 2016	2259628	2183187	57034	2.52%
June 19, 2016	2304912	2227384	56664	2.46%
June 20, 2016	2306867	2247498	41926	1.82%
June 21, 2016	2322309	2261581	22191	0.96%
June 22, 2016	2385773	2320148	36139	1.51%
June 23, 2016	2520745	2446538	53396	2.12%
June 24, 2016	2511096	2437589	52163	2.08%
June 25, 2016	2707410	2626199	54187	2.00%
June 26, 2016	2703291	2620034	55342	2.05%
June 27, 2016	2686626	2598245	55104	2.05%
June 28, 2016	2650693	2566229	53653	2.02%
June 29, 2016	2747523	2637039	54008	1.97%
June 30, 2016	2744662	2628427	55696	2.03%
Total	141006439	139429499	3107255	2.20%


Notes:

Values with a superscript 1 (¹) behind them were taken from combined header house recovery flow meters instead of the central processing plant (CPP) recovery flow meter because the CPP recovery flow meter was bypassed during repairs.

Values with a superscript 2 (²) behind them have been manually added to reflect true flows and overwrite phantom readings recorded from the meters when the CPP was not in operation.

CERTIFICATION

This certification is required by WDEQ-LQD Non-Coal Rules and Regulations Chapter 11. 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 gather 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 L. Griffin
Vice President of Permitting, Regulatory, and Environmental Compliance
Strata Energy Inc.

Appendix A
Mechanical Integrity Test Results

Pressure Tested Wells (Q2 2016 April - June)												
Sort	Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Surveyed Easting	Surveyed Northing	Packer Depth	Initial Pressure	End Pressure	Pass/Fail	Sect	Twn & Rng
61	2	MU2-SM07	5/17/2016	361	503007.40	4935884.37	310	175	161	Pass	18	53N 67W
62	2	MU2-PM32	5/19/2016	570	503001.77	4935647.65	375	175	169	Pass	18	53N 67W
63	2	MU2-PM06	5/20/2016	560	503205.62	4935727.64	330	175	164	Pass	18	53N 67W
64	2	MU2-PM07	5/20/2016	570	503131.23	4935655.48	370	175	165	Pass	18	53N 67W
65	2	MU2-DM23	5/22/2016	620	502987.79	4935774.60	555	175	161	Pass	18	53N 67W
66	2	MU2-OZ023	5/22/2016	580	502983.27	4935768.92	490	175	168	Pass	18	53N 67W
67	2	MU2-SM23	5/22/2016	357	502984.87	4935760.25	325	175	162	Pass	18	53N 67W
68	2	MU2-OZ046	6/23/2016	570	503044.11	4935872.16	525	175	166	Pass	18	53N 67W
69	2	MU2-OZ004	6/20/2016	590	503044.17	4936099.52	485	175	167	Pass	18	53N 67W
70	2	MU2-DM04	6/20/2016	630	503044.11	4936108.15	570	175	159	Pass	18	53N 67W
71	2	MU2-DM01	5/2/2016	620	503182.52	4936073.39	570	175	167	Pass	18	53N 67W
72	2	MU2-DM02	5/2/2016	620	503083.53	4935971.42	565	175	165	Pass	18	53N 67W
73	2	OW1B60-1	5/13/2016	600	502959.46	4936242.72	485	175	0	Fail	18	53N 67W
74	2	OW1B60-1	5/25/2016	600	502959.46	4936242.72	485	175	160	Pass	18	53N 67W
75	2	OW1B57-1	5/14/2016	605	502935.18	4936285.40	505	175	161	Pass	18	53N 67W
76	2	OW1B58-1	5/14/2016	600	502935.13	4936260.55	490	175	161	Pass	18	53N 67W
77	2	MU2-OZ006	5/16/2016	590	502944.06	4936020.44	475	175	168	Pass	18	53N 67W
78	2	MU2-DM06	5/17/2016	630	502944.86	4936028.86	575	175	168	Pass	18	53N 67W
79	2	MU2-OZ007	5/17/2016	580	503004.71	4935894.72	430	175	170	Pass	18	53N 67W
80	2	MU2-SM06	5/18/2016	376	502945.57	4936008.03	315	175	164	Pass	18	53N 67W
81	2	MU2-DM07	5/19/2016	620	503007.15	4935902.47	570	175	80	Fail	18	53N 67W
82	2	MU2-DM07	5/24/2016	620	503007.15	4935902.47	575	175	160	Pass	18	53N 67W
83	2	MU2-PM01A	5/23/2016	560	503324.55	4936211.31	330	175	169	Pass	18	53N 67W
84	2	MU2-OZ055	6/23/2016	590	503043.82	4936214.28	495	175	168	Pass	18	53N 67W
85	2	MU2-OZ056	6/23/2016	590	503023.20	4936225.23	495	175	170	Pass	18	53N 67W
86	2	MU2-SM21	4/15/2016	429	502861.92	4936809.85	370	175	169	Pass	12	53N 68W
87	2	MU2-OZ021A	5/11/2016	680	502863.03	4936821.73	525	175	130	Fail	12	53N 68W
88	2	MU2-OZ021A	5/23/2016	680	502863.03	4936821.73	515	175	160	Pass	12	53N 68W
89	2	MU2-SM17	5/14/2016	498	502809.02	4936707.69	435	175	162	Pass	12	53N 68W
90	2	MU2-PM21	5/16/2016	750	502711.21	4936693.84	535	175	166	Pass	12	53N 68W

Pressure Tested Wells (Q2 2016 April - June)

Sort	Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Surveyed Easting	Surveyed Northing	Packer Depth	Initial Pressure	End Pressure	Pass/Fail	Sect	Twn & Rng
91	2	MU2-PM17	5/20/2016	650	502908.45	4937022.78	430	175	162	Pass	12	53N 68W
92	2	MU2-PM18	5/22/2016	660	502812.16	4936958.73	455	175	69	Pass	12	53N 68W
93	2	MU2-PM19	5/22/2016	700	502730.32	4936879.35	515	175	166	Pass	12	53N 68W
94	2	MU2-PM20	5/23/2016	750	502668.98	4936801.17	550	175	560	Pass	12	53N 68W
95	2	MU2-DM17	5/25/2016	760	502803.89	4936725.61	695	175	163	Pass	12	53N 68W
96	2	MU2-DM21	5/25/2016	720	502865.67	4936828.41	649	175	169	Pass	12	53N 68W
97	2	MU2-OZ049	5/25/2016	720	502826.42	4936706.53	575	175	166	Pass	12	53N 68W
98	2	MU2-SM15	4/12/2016	487	502866.26	4936607.06	425	175	170	Pass	13	53N 68W
99	2	MU2-SM10	4/15/2016	408	502875.86	4936352.84	330	175	169	Pass	13	53N 68W
100	2	MU2-SM13	4/15/2016	451	502904.44	4936492.65	390	175	165	Pass	13	53N 68W
101	2	MU2-OZ010	5/8/2016	630	502866.39	4936363.57	555	175	162	Pass	13	53N 68W
102	2	MU2-OZ010	6/21/2016	630	502866.39	4936363.57	555	175	164	Pass	13	53N 68W
103	2	MU2-OZ016	5/8/2016	700	502925.02	4936672.86	595	175	164	Pass	13	53N 68W
104	2	MU2-SM16	5/8/2016	488	502927.42	4936663.72	410	175	161	Pass	13	53N 68W
105	2	MU2-OZ022	5/9/2016	700	502824.95	4936454.49	610	175	170	Pass	13	53N 68W
106	2	MU2-SM22	5/9/2016	460	502826.07	4936443.60	390	175	169	Pass	13	53N 68W
107	2	MU2-OZ015	5/12/2016	710	502865.66	4936614.05	610	175	169	Pass	13	53N 68W
108	2	MU2-PM22	5/15/2016	680	502744.89	4936578.43	470	175	164	Pass	13	53N 68W
109	2	MU2-DM10	5/16/2016	680	502863.78	4936370.68	630	175	0	Fail	13	53N 68W
110	2	MU2-DM10	5/25/2016	680	502863.78	4936370.68	630	175	164	Pass	13	53N 68W
111	2	MU2-DM10	6/20/2016	680	502863.78	4936370.68	635	175	158	Pass	13	53N 68W
112	2	MU2-PM24	5/17/2016	650	502718.98	4936352.06	515	175	167	Pass	13	53N 68W
113	2	MU2-DM16	5/18/2016	740	502922.59	4936681.60	685	175	161	Pass	13	53N 68W
114	2	MU2-DM13	5/22/2016	740	502906.99	4936507.80	675	175	0	Fail	13	53N 68W
115	2	MU2-DM13	5/24/2016	740	502906.99	4936507.80	675	175	162	Pass	13	53N 68W
116	2	MU2-PM23	5/22/2016	660	502704.89	4936467.85	455	175	166	Pass	13	53N 68W
117	2	MU2-DM15	5/23/2016	740	502866.32	4936623.12	710	175	0	Fail	13	53N 68W
118	2	MU2-DM15	5/24/2016	740	502866.32	4936623.12	695	175	158	Pass	13	53N 68W
119	2	MU2-OZ013	5/24/2016	690	502906.40	4936500.22	615	175	160	Pass	13	53N 68W
120	2	MU2-DM22	5/25/2016	730	502827.23	4936462.60	681	175	169	Pass	13	53N 68W

Pressure Tested Wells (Q2 2016 April - June)

Sort	Mine Unit	Hole ID	MIT Date	Total Depth (ft)	Surveyed Easting	Surveyed Northing	Packer Depth	Initial Pressure	End Pressure	Pass/Fail	Sect	TwN & Rng
121	2	MU2-PM29	5/19/2016	590	502811.08	4935800.80	390	175	165	Pass	13	53N 68W
122	2	MU2-PM31	5/20/2016	570	502893.02	4935653.82	355	175	165	Pass	13	53N 68W
123	2	MU2-PM30	5/22/2016	590	502834.85	4935686.52	390	175	167	Pass	13	53N 68W
124	2	MU2-PM25	5/15/2016	620	502738.33	4936236.35	410	175	166	Pass	13	53N 68W
125	2	MU2-DM08	5/17/2016	650	502904.43	4936280.14	600	175	166	Pass	13	53N 68W
126	2	MU2-PM26	5/19/2016	600	502814.87	4936151.94	395	175	170	Pass	13	53N 68W
127	2	MU2-PM27	5/19/2016	600	502828.59	4936032.94	395	175	168	Pass	13	53N 68W
128	2	MU2-PM28	5/19/2016	590	502826.03	4935917.14	370	175	167	Pass	13	53N 68W

Appendix B
Corrected Table 2 for First Quarter 2016 Quarterly Report

Table 2 Daily Maximum Injection Pressure

<i>Week Ending</i>	<i>Headerhouse 1 (PSI)</i>	<i>Headerhouse 2 (PSI)</i>
January 1, 2016	105.40	N/A
January 2, 2016	104.42	N/A
January 3, 2016	106.42	N/A
January 4, 2016	104.65	N/A
January 5, 2016	105.01	N/A
January 6, 2016	105.20	N/A
January 7, 2016	105.05	N/A
January 8, 2016	107.10	N/A
January 9, 2016	107.19	N/A
January 10, 2016	107.17	N/A
January 11, 2016	107.05	N/A
January 12, 2016	106.83	N/A
January 13, 2016	102.82	N/A
January 14, 2016	105.97	N/A
January 15, 2016	107.29	N/A
January 16, 2016	107.88	N/A
January 17, 2016	107.48	N/A
January 18, 2016	109.27	N/A
January 19, 2016	108.63	N/A
January 20, 2016	105.40	N/A
January 21, 2016	106.58	N/A
January 22, 2016	108.52	N/A
January 23, 2016	106.53	N/A
January 24, 2016	105.7	N/A
January 25, 2016	101.7	N/A
January 26, 2016	104.6	N/A
January 27, 2016	105.48	N/A
January 28, 2016	115	N/A
January 29, 2016	105.1	N/A
January 30, 2016	108.2	N/A
January 31, 2016	108.1	N/A
February 1, 2016	106.2	N/A
February 2, 2016	103.3	N/A
February 3, 2016	106.6	N/A
February 4, 2016	101	N/A
February 5, 2016	105.7	N/A
February 6, 2016	108.24	N/A
February 7, 2016	102.4	N/A
February 8, 2016	104.4	N/A
February 9, 2016	106.5	N/A
February 10, 2016	108.6	N/A
February 11, 2016	97.5	N/A
February 12, 2016	101.7	N/A
February 13, 2016	100.2	N/A
February 14, 2016	101.1	N/A
February 15, 2016	105.61	100.10
February 16, 2016	110.15	110.65
February 17, 2016	110.97	101.97

Table 2 Daily Maximum Injection Pressure

<i>Week Ending</i>	<i>Headerhouse 1 (PSI)</i>	<i>Headerhouse 2 (PSI)</i>
February 18, 2016	108.42	99.93
February 19, 2016	107.64	97.68
February 20, 2016	106.80	96.55
February 21, 2016	106.48	96.63
February 22, 2016	107.14	96.32
February 23, 2016	108.25	94.22
February 24, 2016	105.23	97.63
February 25, 2016	107.71	96.22
February 26, 2016	108.38	97.63
February 27, 2016	107.86	97.63
February 28, 2016	107.68	97.24
February 29, 2016	108.64	97.69
March 1, 2016	175.33	100.64
March 2, 2016	104.75	92.47
March 3, 2016	105.68	93.94
March 4, 2016	105.83	92.02
March 5, 2016	104.89	89.26
March 6, 2016	109.25	93.37
March 7, 2016	108.79	93.02
March 8, 2016	106.77	92.24
March 9, 2016	106.71	93.97
March 10, 2016	106.66	94.62
March 11, 2016	107.07	94.52
March 12, 2016	108.11	94.18
March 13, 2016	108.85	95.57
March 14, 2016	107.75	94.91
March 15, 2016	99.76	85.06
March 16, 2016	99.92	85.86
March 17, 2016	98.84	86.26
March 18, 2016	99.36	85.59
March 19, 2016	101.18	85.70
March 20, 2016	100.18	85.89
March 21, 2016	103.82	88.42
March 22, 2016	102.40	88.95
March 23, 2016	103.61	89.65
March 24, 2016	106.75	91.15
March 25, 2016	105.44	90.25
March 26, 2016	106.77	91.87
March 27, 2016	106.81	91.87
March 28, 2016	106.24	92.79
March 29, 2016	103.87	90.44
March 30, 2016	99.80	83.03
March 31, 2016	99.40	83.21

Appendix C
Excursion Monitoring Results

DM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015
WELL ID: MU1-DM01				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	μ hos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
06-Jan-16	164.2	2870	391	4017.24
20-Jan-16	139.0	2920	381	4015.89
04-Feb-16	151.0	2950	389	3842.79
18-Feb-16	122.1	2880	390	4002.79
03-Mar-16	114.4	2900	450	4008.90
15-Mar-16	129.2	2880	431	4000.53

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015
WELL ID: MU1-DM02				
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	μ hos/cm	mg/L as CaCo3	feet
Upper Control Limits	819	3955	865	
<u>Date</u>				
06-Jan-16	314.8	2770	401	3891.10
20-Jan-16	343.7	2910	401	3892.25
04-Feb-16	330.5	2920	410	3712.83
18-Feb-16	319.7	2910	412	3877.17
03-Mar-16	310.9	2910	410	3864.71
15-Mar-16	336.0	2900	411	3826.92

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM03A					
Water Quality Parameters		Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units		mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits		1088	4260	865	
<u>Date</u>					
06-Jan-16		475.2	3020	331	3992.94
20-Jan-16		384.0	3000	400	3803.99
04-Feb-16		362.9	2880	419	3817.30
18-Feb-16		395.2	2910	495	3947.83
03-Mar-16		281.2	2990	440	3959.86
15-Mar-16		310.8	2990	420	3942.25

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM04					
Water Quality Parameters		Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units		mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits		819	3955	865	
<u>Date</u>					
06-Jan-16		93.1	2700	401	4026.93
20-Jan-16		62.7	2670	398	4023.80
04-Feb-16		88.7	2660	430	3837.47
18-Feb-16		67.3	2690	400	4011.27
03-Mar-16		64.7	2770	335	4014.43
15-Mar-16		58.8	2710	390	4015.10

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM05					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	590.0	3010	325	3962.12	
20-Jan-16	503.0	3110	371	3945.10	
04-Feb-16	580.6	3120	391	3740.72	
18-Feb-16	515.0	3030	400	3892.35	
03-Mar-16	487.1	3071	331	3909.03	
15-Mar-16	525.0	3180	335	3881.69	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM06					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	9.9	2870	378	4024.08	
20-Jan-16	9.3	2910	388	4012.78	
04-Feb-16	11.1	2840	331	3911.06	
18-Feb-16	12.6	2910	370	4011.93	
03-Mar-16	8.9	2910	331	4012.76	
15-Mar-16	8.1	2970	390	4011.14	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM07					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	51.5	2960	392	4020.12	
20-Jan-16	49.9	2920	391	4023.99	
04-Feb-16	54.4	2940	398	3841.74	
18-Feb-16	50.3	2820	400	3999.15	
03-Mar-16	41.6	2970	398	4003.84	
15-Mar-16	48.3	3030	410	3997.48	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM08					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	5.9	2950	371	4031.68	
20-Jan-16	16.6	3030	380	4029.68	
04-Feb-16	19.8	3030	402	3943.92	
18-Feb-16	18.5	3040	331	4023.74	
03-Mar-16	14.2	3070	372	4024.21	
15-Mar-16	20.3	3090	380	4020.69	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM09					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	81.2	2500	419	3875.35	
20-Jan-16	69.8	2610	435	3870.60	
04-Feb-16	76.6	2480	480	3747.56	
18-Feb-16	56.2	2480	445	3831.40	
03-Mar-16	70.6	2570	430	3857.44	
15-Mar-16	69.3	2590	441	3846.69	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM10					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	142.6	2830	439	4028.16	
20-Jan-16	124.8	3020	426	4026.38	
04-Feb-16	113.9	2870	425	3979.97	
18-Feb-16	125.4	3020	420	4022.46	
03-Mar-16	109.9	3050	411	4021.61	
15-Mar-16	112.4	2980	421	4019.07	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM11					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	819	3955	865		
<u>Date</u>					
06-Jan-16	2.0	2460	490	4013.63	
20-Jan-16	5.1	2448	472	4012.65	
04-Feb-16	2.0	2360	490	3846.58	
18-Feb-16	2.6	2400	471	4000.68	
03-Mar-16	2.6	2430	460	4007.35	
15-Mar-16	14.7	2470	450	4000.80	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM12					
Water Quality Parameters	Sulfate	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	1258	5353	865		
<u>Date</u>					
06-Jan-16	796.0	3440	385	3883.73	
20-Jan-16	729.6	3470	401	3886.00	
04-Feb-16	790.3	3440	421	3781.22	
18-Feb-16	817.0	3410	410	3844.27	
03-Mar-16	724.7	3370	410	3864.04	
15-Mar-16	714.0	3490	409	3842.64	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-DM13					
Water Quality Parameters		Sulfate	Specific Conductance	Total Alkalinity	Water Elevation
Units		mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits		819	3955	865	
<u>Date</u>					
06-Jan-16		110.9	2820	609	3993.38
20-Jan-16		109.4	2700	469	3986.93
04-Feb-16		106.8	2770	590	3793.99
18-Feb-16		121.0	2730	495	3952.74
03-Mar-16		107.9	2810	512	3968.04
15-Mar-16		113.4	2810	520	3946.81

SM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015
WELL ID: MU1-SM01				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
04-Jan-16	5.0	1318	551	4086.83
14-Jan-16	5.5	1314	639	4086.85
02-Feb-16	4.9	1324	501	4085.78
15-Feb-16	5.3	1329	519	4083.88
01-Mar-16	4.1	1352	501	4083.43
14-Mar-16	4.6	1289	501	4083.54

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015
WELL ID: MU1-SM02				
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet
Upper Control Limits	19	2892	897	
<u>Date</u>				
04-Jan-16	5.1	1741	601	4086.36
14-Jan-16	5.6	1773	610	4080.57
02-Feb-16	4.6	1760	600	4087.47
15-Feb-16	5.3	1803	620	4084.09
01-Mar-16	4.5	1810	615	4080.16
14-Mar-16	4.6	1792	600	4082.82

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM03					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	3.1	1786	630	4087.23	
14-Jan-16	5.0	1832	610	4088.32	
02-Feb-16	3.7	1835	601	4086.80	
15-Feb-16	5.3	1879	621	4085.89	
01-Mar-16	4.6	1850	621	4084.13	
14-Mar-16	4.6	1847	611	4084.21	
Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM04					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	2.8	1710	629	4089.22	
14-Jan-16	4.6	1796	631	4090.34	
02-Feb-16	4.2	1753	628	4088.76	
15-Feb-16	5.3	1822	657	4088.10	
02-Mar-16	5.3	1956	630	4086.48	
14-Mar-16	4.0	1787	621	4083.74	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM05					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
05-Jan-16	3.7	1804	650	4095.53	
18-Jan-16	4.6	1833	601	4095.48	
02-Feb-16	4.1	1729	601	4094.78	
15-Feb-16	4.7	1676	600	4095.13	
01-Mar-16	3.3	1681	601	4093.59	
14-Mar-16	3.4	1758	619	4093.79	
Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM06					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	5.8	1853	641	4088.76	
14-Jan-16	5.0	1907	641	4089.20	
02-Feb-16	4.8	1928	620	4088.69	
15-Feb-16	5.9	1861	650	4087.90	
02-Mar-16	5.9	1949	645	4086.51	
14-Mar-16	4.9	1885	630	4086.41	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM07					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	5.1	1944	651	4094.04	
14-Jan-16	6.1	1990	659	4094.49	
02-Feb-16	4.2	2060	640	4093.67	
15-Feb-16	5.9	1996	661	4093.15	
02-Mar-16	6.0	1956	651	4092.02	
14-Mar-16	4.6	1943	651	4091.97	
Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM08					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	3.7	1480	580	4093.39	
14-Jan-16	4.3	1515	589	4093.58	
02-Feb-16	4.0	1529	631	4085.31	
15-Feb-16	4.1	1439	569	4092.96	
01-Mar-16	2.8	1510	581	4092.75	
14-Mar-16	3.0	1497	608	4092.92	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM09					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	4.5	2060	671	4092.70	
14-Jan-16	5.0	2070	651	4093.10	
02-Feb-16	4.3	2010	650	4092.13	
15-Feb-16	5.2	2050	679	4091.70	
01-Mar-16	4.7	2100	669	4090.70	
14-Mar-16	4.0	2040	611	4090.78	
Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM10					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	5.8	1521	541	4088.42	
14-Jan-16	6.1	1561	538	4088.96	
02-Feb-16	5.0	1505	541	4088.01	
15-Feb-16	6.8	1554	541	4086.84	
01-Mar-16	5.8	1521	540	4086.45	
14-Mar-16	4.5	1551	551	4086.35	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM11					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	6.9	1432	512	4086.16	
14-Jan-16	6.1	1468	540	4086.00	
02-Feb-16	5.4	1467	541	4085.21	
15-Feb-16	6.0	1434	550	4083.42	
02-Mar-16	5.7	1385	541	4082.65	
14-Mar-16	4.7	1496	530	4083.18	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM12					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	3.2	1720	620	4093.07	
14-Jan-16	4.9	1761	610	4093.12	
02-Feb-16	4.7	1741	600	4092.79	
15-Feb-16	4.7	1786	628	4092.28	
01-Mar-16	4.7	1749	610	4092.07	
14-Mar-16	4.6	1773	601	4091.95	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 4th Quarter 2015	
WELL ID: MU1-SM13					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	19	2892	897		
<u>Date</u>					
04-Jan-16	3.2	1322	542	4086.77	
14-Jan-16	4.6	1364	531	4087.55	
02-Feb-16	3.6	1332	540	4086.06	
15-Feb-16	4.0	1336	528	4085.08	
01-Mar-16	4.0	1314	530	4075.79	
14-Mar-16	3.3	1354	522	4083.74	

PM Monitor Wells

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM01					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	6.4	2110	560	4048.02	
19-Jan-16	6.8	2240	520	4046.81	
03-Feb-16	6.1	2200	581	4044.34	
16-Feb-16	8.3	2100	521	4041.06	
02-Mar-16	7.9	2110	570	4037.83	
15-Mar-16	3.3	2250	570	4039.06	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM02					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	6.5	2310	539	4044.06	
19-Jan-16	5.7	2225	529	4042.96	
03-Feb-16	6.9	2310	528	4040.78	
16-Feb-16	7.7	2130	538	4037.66	
02-Mar-16	7.4	2200	599	4034.62	
15-Mar-16	7.2	2270	600	4036.04	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM03					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
06-Jan-16	6.3	2020	611	4054.20	
19-Jan-16	5.5	2080	620	4052.50	
03-Feb-16	6.8	2010	602	4051.92	
16-Feb-16	6.3	1980	601	4050.65	
02-Mar-16	6.0	2080	610	4049.42	
15-Mar-16	5.9	2100	610	4055.00	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM04					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
06-Jan-16	7.5	2140	690	4054.90	
19-Jan-16	6.8	2290	671	4052.89	
03-Feb-16	6.3	2040	591	4053.86	
16-Feb-16	9.3	2280	570	4051.16	
02-Mar-16	8.1	2370	551	4050.71	
15-Mar-16	8.5	2460	560	4057.46	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM05					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
06-Jan-16	6.6	1808	619	4058.43	
19-Jan-16	5.4	1816	520	4056.24	
03-Feb-16	5.5	1834	618	4055.48	
16-Feb-16	6.7	1800	631	4056.72	
02-Mar-16	5.3	1860	609	4055.59	
15-Mar-16	4.5	1841	620	4062.73	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM06					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
06-Jan-16	9.5	1953	639	4058.11	
19-Jan-16	5.4	2020	630	4055.75	
04-Feb-16	5.2	1934	638	4055.47	
16-Feb-16	7.9	2080	621	4059.34	
03-Mar-16	6.7	2040	632	4055.22	
16-Mar-16	7.2	2000	620	4059.47	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM07					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits					
<u>Date</u>					
06-Jan-16	8.5	1969	689	4058.71	
19-Jan-16	5.0	1967	639	4055.78	
04-Feb-16	6.3	1948	659	4055.57	
16-Feb-16	6.7	2000	630	4061.28	
03-Mar-16	5.3	2020	650	4057.66	
16-Mar-16	5.9	2010	650	4055.69	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM08					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits					
<u>Date</u>					
06-Jan-16	7.4	2270	601	4058.84	
19-Jan-16	5.6	2280	572	4055.33	
05-Feb-16	5.4	2210	601	4055.35	
16-Feb-16	6.7	2240	591	4062.39	
03-Mar-16	6.0	2220	640	4057.59	
16-Mar-16	6.5	2300	590	4054.49	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM09					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
07-Jan-16	6.2	2130	600	4059.51	
20-Jan-16	6.7	2220	600	4052.09	
05-Feb-16	6.7	2140	609	4055.18	
17-Feb-16	7.3	2060	581	4064.90	
03-Mar-16	6.7	2090	590	4057.65	
16-Mar-16	5.9	2160	600	4052.79	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM10					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
06-Jan-16	8.6	2160	681	4060.13	
20-Jan-16	6.2	2260	630	4051.88	
05-Feb-16	5.4	2150	671	4062.02	
17-Feb-16	7.3	2090	630	4065.89	
03-Mar-16	6.7	2190	681	4056.16	
16-Mar-16	7.2	2130	640	4054.53	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM11					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits					
<u>Date</u>					
06-Jan-16	6.9	1949	630	4059.74	
20-Jan-16	6.6	2110	641	4049.62	
05-Feb-16	5.2	2030	650	4049.10	
17-Feb-16	7.3	2060	627	4064.31	
03-Mar-16	6.0	2140	688	4038.30	
16-Mar-16	7.0	2030	640	4055.62	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM12					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits					
<u>Date</u>					
05-Jan-16	5.8	1937	648	4088.89	
18-Jan-16	5.4	1913	629	4088.64	
03-Feb-16	4.6	1894	620	4088.36	
16-Feb-16	5.4	1909	680	4087.11	
02-Mar-16	5.7	1926	611	4088.48	
14-Mar-16	4.8	1942	642	4088.34	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM12A					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	5.8	1938	551	4060.20	
18-Jan-16	4.9	1967	651	4060.32	
03-Feb-16	4.8	1908	599	4060.24	
16-Feb-16	6.7	1918	591	4060.17	
02-Mar-16	6.3	1924	610	4059.83	
14-Mar-16	5.2	1978	610	4059.58	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM13					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
07-Jan-16	4.4	1764	651	4074.36	
19-Jan-16	4.9	1784	650	4064.41	
03-Feb-16	4.6	2300	609	4064.21	
17-Feb-16	4.7	1826	671	4064.21	
03-Mar-16	4.1	1761	651	4063.95	
15-Mar-16	3.3	1886	650	4063.84	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM14A					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
07-Jan-16	6.4	2240	691	4061.89	
19-Jan-16	6.5	2240	648	4061.76	
03-Feb-16	5.6	1861	610	4061.51	
17-Feb-16	7.3	2240	569	4061.67	
02-Mar-16	6.4	2270	580	4061.48	
15-Mar-16	5.9	2160	590	4061.10	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM15					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	8.0	2140	550	4058.02	
18-Jan-16	7.6	2210	535	4058.17	
03-Feb-16	6.7	2140	538	4058.54	
16-Feb-16	9.5	2160	540	4058.32	
02-Mar-16	9.1	2140	521	4058.09	
14-Mar-16	7.2	2220	540	4057.49	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM16					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	6.4	2050	635	4057.81	
18-Jan-16	6.2	2060	639	4057.85	
03-Feb-16	5.1	2030	641	4057.80	
16-Feb-16	6.7	2010	650	4057.65	
02-Mar-16	6.5	2070	650	4057.41	
14-Mar-16	4.6	2040	628	4057.12	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM17					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	5.9	2060	661	4067.80	
18-Jan-16	5.5	2150	655	4067.47	
03-Feb-16	4.2	2090	650	4061.01	
16-Feb-16	6.7	2080	662	4066.83	
02-Mar-16	6.4	2150	652	4066.62	
15-Mar-16	5.7	2160	651	4066.21	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM18					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	5.1	2080	689	4056.02	
18-Jan-16	4.8	1999	666	4054.09	
03-Feb-16	4.8	2030	661	4051.12	
16-Feb-16	6.7	1978	689	4046.36	
02-Mar-16	6.4	2030	651	4044.91	
15-Mar-16	5.3	2070	641	4045.49	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM19					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	3.7	2020	621	4059.63	
18-Jan-16	6.2	2170	671	4058.39	
03-Feb-16	6.0	2050	621	4055.62	
16-Feb-16	7.3	2110	611	4051.89	
02-Mar-16	7.1	2200	619	4049.79	
15-Mar-16	6.5	2220	620	4050.07	

Mine Unit 1		Strata Energy Inc. Ross ISR Project Perimeter, Shallow, and Deep Monitor Wells		Quarterly Report 1st Quarter 2016	
WELL ID: MU1-PM19A					
Water Quality Parameters	Chloride	Specific Conductance	Total Alkalinity	Water Elevation	
Units	mg/L	µmhos/cm	mg/L as CaCo3	feet	
Upper Control Limits	21	3269	885		
<u>Date</u>					
05-Jan-16	7.2	2170	629	4059.59	
18-Jan-16	6.9	2170	642	4058.37	
03-Feb-16	6.2	2210	669	4055.58	
16-Feb-16	8.0	2130	601	4051.85	
02-Mar-16	7.1	2120	621	4049.77	
15-Mar-16	6.6	2180	620	4050.01	