



AD-9091

April 18, 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
First 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 horizontal line.

Mike Griffin
Vice President of Permitting, Regulatory and Environmental Compliance

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

NM5520

**First 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. The project is also 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 January 1 through March 31, 2016. The following highlights activities that occurred during the reporting period:

- Production continues in Mine Unit 1. Headerhouse 2 in Mine Unit 1 was 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.

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 B.

2.1.1 Excursion Status

There were no excursions during the quarter.

3 Well Installation

79 Mine Unit 1 (MU1) OZ wells totaling 39,820 feet were cased and cemented in the first quarter. 107 MU1 OZ wells were screened and developed. All of the wells are located in Section 18 T53N R67W. Well completion details are available at the mine site.

43 MU2 baseline well totaling 25,000 feet was installed in the first quarter. 17 wells were installed in Section 13 T53N R68W, 6 wells were installed in Section 12 T53N R68W, 13 wells were installed in Section 18 T53N R67W, and 7 wells were installed in Section 7 T53N R67W. 17 MU2 monitor wells were screened and developed. 16 of the wells are deep monitor (DM) wells, 12 of the wells are ore zone (OZ)

wells, and 15 of the wells are shallow monitor (SM) wells. Well completion details are available at the mine site.

4 Mechanical Integrity Testing

90 MU1 wells located in Section 18 T53N R67W passed mechanical integrity test (MIT) during the period. Included in these 90 wells is OZ 209 which passed MIT in the first quarter, was damaged at the surface, repaired, and passed MIT again. Also included are OZ 190, 207, 208, 209, and 243 which were re-underreamed to enhance flow and passed a second MIT. OZ 224, 226, 283, 258, 294, and 269 failed the initial MIT, were repaired and passed the subsequent MIT.

6 MU2 monitor wells passed the MIT in the first quarter. 4 of the wells are located in Section 18 T53N R67W and 2 wells are located in Section 13 T53N R68W. 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.

14 MU1 drilled and abandoned (D & A) holes (OZ 175, OZ 183, and OZ 188) (7,080 feet) were abandoned in the first quarter with high solids bentonite grout. All 14 holes are located in Section 18 T53N R67W.

1 Historic MU2 hole (SP771R, 650 feet) located in Section 12 T53N R68W was re-entered and abandoned with high solids bentonite grout. One planned MU 2 baseline well (MU2 OZ 21) located in Section 12 T53N R68W, was abandoned with high solids bentonite grout due to excessive drift.

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>January 2016</i>	<i>February 2016</i>	<i>March 2016</i>
Sodium (mg/L)	<400 – 6,000	1000	1020	952
Calcium (mg/L)	20 – 500	31	36	29
Magnesium (mg/L)	3 – 100	10	12	10
Potassium (mg/L)	<15 – 300	11	11	8
Carbonate (mg/L)	<0.5 – 2,500	ND	ND	65
Bicarbonate (mg/L)	<400 – 5,000	1350	1560	1540
Chloride (mg/L)	<100 – 5,000	31	28	17
Sulfate (mg/L)	<400 – 5,000	1040	1010	805
U3O8 (mg/L)	<1 – 700	0.15	ND	0.019
V2O5 (mg/L)	<1 – 400	0.08	0.48	0.54
TDS (mg/L)	<1000 – 12,000	2740	3050	2790
Ra-226 (pCi/L)	<300 – 2,000	120	146	149
pH (SU)	<6 - 8	8.0	6.93	7.15

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 headerhouses¹. 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

<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

¹ The Headerhouse 1 injection pressure readings for January 24 through February 14, 2016 are based on operator readings recorded in the daily logs due to failure of the SCADA system to record these pressures during this period.

Table 2 Daily Maximum Injection Pressure

<i>Week Ending</i>	<i>Headerhouse 1 (PSI)</i>	<i>Headerhouse 2 (PSI)</i>
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
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	207.25	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

Table 2 Daily Maximum Injection Pressure

<i>Week Ending</i>	<i>Headerhouse 1 (PSI)</i>	<i>Headerhouse 2 (PSI)</i>
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

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

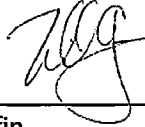
<i>Week Ending</i>	<i>Recovery (gallons)</i>	<i>Injection (gallons)</i>	<i>Wellfield Bleed (gallons)</i>	<i>% Bleed</i>
Mine Unit 1				
January 1, 2016	595,515	590,575	9,214	1.55%
January 2, 2016	611,807	606,955	9,270	1.52%
January 3, 2016	615,154	610,573	9,136	1.49%
January 4, 2016	627,956	583,142	8,329	1.33%
January 5, 2016	688,388	649,711	9,122	1.33%
January 6, 2016	633,567	623,277	9,325	1.47%
January 7, 2016	591,037	587,258	8,884	1.50%
January 8, 2016	602,334	598,223	8,924	1.48%
January 9, 2016	604,556	601,083	9,391	1.55%
January 10, 2016	591,971	589,450	8,922	1.51%
January 11, 2016	578,605	574,814	9,180	1.59%
January 12, 2016	507,021	504,348	7,409	1.46%
January 13, 2016	670,776	669,803	9,453	1.41%
January 14, 2016	643,512	643,753	10,030	1.56%
January 15, 2016	569,396	569,532	9,222	1.62%
January 16, 2016	523,702	524,694	8,566	1.64%
January 17, 2016	515,245	514,813	9,660	1.87%
January 18, 2016	506,719	494,919	20,858	4.12%
January 19, 2016	532,768	511,670	30,335	5.69%
January 20, 2016	486,862	475,510	19,452	4.00%
January 21, 2016	593,941	588,932	20,365	3.43%
January 22, 2016	575,771	566,255	21,034	3.65%
January 23, 2016	366,067	365,369	9,405	2.57%
January 24, 2016	506,880	507,642	14,293	2.82%
January 25, 2016	285,732	286,562	8,346	2.92%
January 26, 2016	491,550	496,644	14,559	2.96%
January 27, 2016	501,012	498,361	13,627	2.72%
January 28, 2016	494,023	499,919	9,989	2.02%
January 29, 2016	493,400	488,482	14,928	3.03%
January 30, 2016	486,912	484,159	13,697	2.81%
January 31, 2016	483,540	480,152	14,016	2.90%
February 1, 2016	468,310	471,254	13,872	2.96%
February 2, 2016	487,601	488,971	14,233	2.92%
February 3, 2016	509,700	514,571	14,713	2.89%
February 4, 2016	536,227	536,712	17,187	3.21%
February 5, 2016	555,050	552,973	15,981	2.88%
February 6, 2016	539,539	547,344	14,806	2.74%
February 7, 2016	532,510	532,412	14,195	2.67%
February 8, 2016	530,380	531,159	14,334	2.70%
February 9, 2016	535,162	532,288	14,581	2.72%
February 10, 2016	545,411	556,110	9,948	1.82%
February 11, 2016	603,013	611,585	8,593	1.43%
February 12, 2016	635,739	642,149	12,810	2.01%
February 13, 2016	660,101	665,355	19,180	2.91%
February 14, 2016	650,943	656,185	18,638	2.86%
February 15, 2016	642,332	647,482	18,578	2.89%

Table 3 Wellfield Daily Flow Volumes

<i>Week Ending</i>	<i>Recovery (gallons)</i>	<i>Injection (gallons)</i>	<i>Wellfield Bleed (gallons)</i>	<i>% Bleed</i>
February 16, 2016	838,795	835,741	27,863	3.32%
February 17, 2016	1,201,723	1,184,078	35,164	2.93%
February 18, 2016	1,296,418	1,291,969	37,171	2.87%
February 19, 2016	1,310,159	1,314,944	35,984	2.75%
February 20, 2016	1,281,129	1,293,793	34,485	2.69%
February 21, 2016	1,280,743	1,289,726	33,031	2.58%
February 22, 2016	1,289,530	1,279,648	32,299	2.50%
February 23, 2016	1,337,757	1,328,529	24,408	1.82%
February 24, 2016	1,347,745	1,342,692	15,860	1.18%
February 25, 2016	1,374,795	1,374,212	18,303	1.33%
February 26, 2016	1,390,827	1,385,446	16,605	1.19%
February 27, 2016	1,362,962	1,368,596	13,908	1.02%
February 28, 2016	1,358,210	1,361,503	14,392	1.06%
February 29, 2016	1,359,997	1,363,626	15,025	1.10%
March 1, 2016	1,363,885	1,368,994	14,336	1.05%
March 2, 2016	1,385,445	1,388,882	14,743	1.06%
March 3, 2016	1,415,409	1,419,826	23,189	1.64%
March 4, 2016	1,472,211	1,481,482	18,467	1.25%
March 5, 2016	1,482,318	1,478,617	18,401	1.24%
March 6, 2016	1,474,133	1,482,853	13,590	0.92%
March 7, 2016	1,476,418	1,490,898	13,963	0.95%
March 8, 2016	1,498,896	1,507,125	14,352	0.96%
March 9, 2016	1,521,617	1,517,632	29,112	1.91%
March 10, 2016	1,528,673	1,541,447	16,576	1.08%
March 11, 2016	1,533,736	1,546,306	17,605	1.15%
March 12, 2016	1,511,681	1,522,531	17,902	1.18%
March 13, 2016	1,499,378	1,510,983	17,037	1.14%
March 14, 2016	1,405,763	1,408,504	24,363	1.73%
March 15, 2016	1,533,812	1,535,126	26,452	1.72%
March 16, 2016	1,529,984	1,540,453	20,385	1.33%
March 17, 2016	1,499,580	1,501,343	28,889	1.93%
March 18, 2016	1,523,622	1,535,349	30,732	2.02%
March 19, 2016	1,515,191	1,526,563	33,973	2.24%
March 20, 2016	1,506,646	1,515,310	28,635	1.90%
March 21, 2016	1,507,525	1,521,500	27,945	1.85%
March 22, 2016	1,540,100	1,548,815	25,858	1.68%
March 23, 2016	1,437,016	1,430,217	27,929	1.94%
March 24, 2016	1,606,718	1,610,175	18,836	1.17%
March 25, 2016	1,585,800	1,594,272	18,669	1.18%
March 26, 2016	1,566,838	1,571,940	19,973	1.27%
March 27, 2016	1,569,010	1,569,630	27,965	1.78%
March 28, 2016	1,564,411	1,569,296	28,222	1.80%
March 29, 2016	1,606,917	1,612,906	22,291	1.39%
March 30, 2016	1,615,773	1,631,947	23,438	1.45%
March 31, 2016	1,639,079	1,628,702	39,799	2.43%
TOTALS	90,356,113	90,397,257	1,658,715	1.84%

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 (Q1 2016 January - March)												
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
1	1	MU1-OZ101	1/7/2016	520	503974.415	4936613.108	450	175	163	Pass	18	53N 67W
2	1	MU1-OZ103	1/7/2016	510	503954.482	4936601.477	450	175	163	Pass	18	53N 67W
3	1	MU1-OZ111	1/5/2016	470	504171.698	4936574.250	363	175	163	Pass	18	53N 67W
4	1	MU1-OZ189	1/11/2016	520	503974.150	4936591.841	450	175	162	Pass	18	53N 67W
5	1	MU1-OZ190	3/7/2016	520	503991.594	4936576.774	450	175	162	Pass	18	53N 67W
6	1	MU1-OZ191	1/7/2016	520	504035.369	4936580.372	440	175	163	Pass	18	53N 67W
7	1	MU1-OZ194	1/5/2016	480	504134.755	4936569.655	355	175	164	Pass	18	53N 67W
8	1	MU1-OZ195	1/14/2016	500	504093.496	4936567.922	400	175	163	Pass	18	53N 67W
9	1	MU1-OZ196	1/11/2016	510	504055.406	4936568.056	425	175	163	Pass	18	53N 67W
10	1	MU1-OZ198	2/16/2016	520	503975.287	4936569.017	450	175	163	Pass	18	53N 67W
11	1	MU1-OZ199	1/14/2016	520	503954.796	4936580.283	450	175	164	Pass	18	53N 67W
12	1	MU1-OZ200	1/7/2016	520	503994.662	4936556.857	440	175	163	Pass	18	53N 67W
13	1	MU1-OZ206	2/17/2016	510	503935.351	4936567.933	430	175	164	Pass	18	53N 67W
14	1	MU1-OZ207	3/1/2016	510	503953.055	4936557.070	455	175	166	Pass	18	53N 67W
15	1	MU1-OZ208	3/1/2016	510	503974.709	4936545.168	455	175	167	Pass	18	53N 67W
16	1	MU1-OZ209	3/15/2016	510	504015.062	4936545.551	445	175	167	Pass	18	53N 67W
17	1	MU1-OZ210	2/11/2016	510	504035.861	4936557.294	430	175	164	Pass	18	53N 67W
18	1	MU1-OZ211	2/10/2016	500	504054.643	4936546.874	425	175	165	Pass	18	53N 67W
19	1	MU1-OZ212	2/10/2016	500	504074.230	4936557.297	425	175	165	Pass	18	53N 67W
20	1	MU1-OZ213	2/9/2016	500	504092.245	4936544.922	395	175	167	Pass	18	53N 67W
21	1	MU1-OZ214	1/11/2016	490	504113.782	4936557.699	360	175	161	Pass	18	53N 67W
22	1	MU1-OZ215	2/11/2016	480	504133.377	4936545.510	355	175	165	Pass	18	53N 67W
23	1	MU1-OZ216	1/11/2016	480	504153.380	4936557.473	350	175	160	Pass	18	53N 67W
24	1	MU1-OZ217	2/18/2016	520	503936.053	4936546.173	445	175	165	Pass	18	53N 67W
25	1	MU1-OZ218	2/12/2016	510	503955.498	4936534.945	435	175	162	Pass	18	53N 67W
26	1	MU1-OZ219	3/7/2016	500	503975.492	4936522.895	430	175	165	Pass	18	53N 67W
27	1	MU1-OZ220	2/29/2016	500	503994.812	4936512.351	425	175	165	Pass	18	53N 67W
28	1	MU1-OZ221	2/12/2016	500	504016.208	4936521.897	415	175	158	Pass	18	53N 67W
29	1	MU1-OZ222	2/12/2016	500	504034.492	4936534.236	430	175	165	Pass	18	53N 67W
30	1	MU1-OZ223	2/24/2016	500	504035.230	4936512.092	355	175	165	Pass	18	53N 67W
31	1	MU1-OZ224	3/2/2016	490	504055.115	4936521.961	385	175	166	Pass	18	53N 67W
32	1	MU1-OZ225	2/18/2016	490	504073.804	4936533.988	390	175	166	Pass	18	53N 67W
33	1	MU1-OZ226	2/25/2016	490	504074.551	4936511.787	395	175	161	Pass	18	53N 67W
34	1	MU1-OZ227	2/10/2016	490	504113.525	4936535.233	360	175	159	Pass	18	53N 67W
35	1	MU1-OZ228	2/22/2016	480	504113.400	4936512.065	355	175	164	Pass	18	53N 67W

Pressure Tested Wells (Q1 2016 January - March)												
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
36	1	MU1-OZ229	2/11/2016	480	504134.480	4936522.951	350	175	162	Pass	18	53N 67W
37	1	MU1-OZ230	2/22/2016	480	504152.987	4936537.119	350	175	164	Pass	18	53N 67W
38	1	MU1-OZ231	3/3/2016	500	504090.650	4936569.666	425	175	165	Pass	18	53N 67W
39	1	MU1-OZ232	3/10/2016	530	503856.173	4936615.632	390	175	166	Pass	18	53N 67W
40	1	MU1-OZ234	3/8/2016	520	503896.471	4936614.673	390	175	162	Pass	18	53N 67W
41	1	MU1-OZ235	3/7/2016	520	503916.746	4936624.537	410	175	158	Pass	18	53N 67W
42	1	MU1-OZ236	3/8/2016	530	503877.406	4936603.363	390	175	164	Pass	18	53N 67W
43	1	MU1-OZ237	2/11/2016	480	504132.595	4936501.512	350	175	166	Pass	18	53N 67W
44	1	MU1-OZ238	2/26/2016	480	504095.282	4936500.569	350	175	163	Pass	18	53N 67W
45	1	MU1-OZ239	3/3/2016	480	504058.736	4936504.373	395	175	168	Pass	18	53N 67W
46	1	MU1-OZ240	3/1/2016	490	504013.277	4936503.098	415	175	162	Pass	18	53N 67W
47	1	MU1-OZ241	2/17/2016	490	503974.358	4936500.566	415	175	166	Pass	18	53N 67W
48	1	MU1-OZ242	2/18/2016	490	503956.040	4936488.882	415	175	164	Pass	18	53N 67W
49	1	MU1-OZ243	3/4/2016	490	503975.658	4936479.501	435	175	169	Pass	18	53N 67W
50	1	MU1-OZ244	2/26/2016	490	503995.354	4936489.914	435	175	162	Pass	18	53N 67W
51	1	MU1-OZ245	3/2/2016	490	504035.391	4936488.141	415	175	162	Pass	18	53N 67W
52	1	MU1-OZ246	2/23/2016	480	504075.952	4936489.769	390	175	166	Pass	18	53N 67W
53	1	MU1-OZ248	3/3/2016	470	504095.279	4936478.304	345	175	167	Pass	18	53N 67W
54	1	MU1-OZ249	2/26/2016	480	504047.842	4936481.483	410	175	165	Pass	18	53N 67W
55	1	MU1-OZ250	3/2/2016	520	503957.945	4936579.798	425	175	164	Pass	18	53N 67W
56	1	MU1-OZ251	3/1/2016	480	504032.474	4936444.566	415	175	168	Pass	18	53N 67W
57	1	MU1-OZ252	3/1/2016	490	504046.734	4936452.207	395	175	166	Pass	18	53N 67W
58	1	MU1-OZ253	3/10/2016	490	504017.216	4936434.349	415	175	169	Pass	18	53N 67W
59	1	MU1-OZ254	3/3/2016	490	503996.128	4936469.626	335	175	170	Pass	18	53N 67W
60	1	MU1-OZ255	3/8/2016	490	503994.580	4936440.170	345	175	167	Pass	18	53N 67W
61	1	MU1-OZ256	3/3/2016	510	503950.054	4936559.068	415	175	170	Pass	18	53N 67W
62	1	MU1-OZ257	3/3/2016	520	503977.697	4936591.549	415	175	164	Pass	18	53N 67W
63	1	MU1-OZ258	3/11/2016	520	503917.319	4936603.740	415	175	164	Pass	18	53N 67W
64	1	MU1-OZ259	3/9/2016	520	503896.096	4936592.090	375	175	167	Pass	18	53N 67W
65	1	MU1-OZ260	3/10/2016	520	503877.062	4936580.755	390	175	166	Pass	18	53N 67W
66	1	MU1-OZ261	3/2/2016	500	503974.938	4936453.696	345	175	164	Pass	18	53N 67W
67	1	MU1-OZ262	3/8/2016	500	503975.230	4936431.741	330	175	165	Pass	18	53N 67W
68	1	MU1-OZ263	3/8/2016	500	503971.223	4936413.971	330	175	167	Pass	18	53N 67W
69	1	MU1-OZ264	3/4/2016	500	503956.622	4936420.596	335	175	166	Pass	18	53N 67W
70	1	MU1-OZ265	3/10/2016	500	503956.080	4936399.370	325	175	166	Pass	18	53N 67W

Pressure Tested Wells (Q1 2016 January - March)												
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
71	1	MU1-OZ266	3/4/2016	500	503955.545	4936512.401	435	175	164	Pass	18	53N 67W
72	1	MU1-OZ269	3/14/2016	520	503915.709	4936579.774	445	175	165	Pass	18	53N 67W
73	1	MU1-OZ270	3/15/2016	520	503916.768	4936558.925	450	175	169	Pass	18	53N 67W
74	1	MU1-OZ272	3/15/2016	520	503835.292	4936579.517	400	175	168	Pass	18	53N 67W
75	1	MU1-OZ273	3/9/2016	520	503897.017	4936546.869	470	175	166	Pass	18	53N 67W
76	1	MU1-OZ274	3/9/2016	530	503877.083	4936534.661	465	175	168	Pass	18	53N 67W
77	1	MU1-OZ276	3/17/2016	500	503955.135	4936444.611	335	175	167	Pass	18	53N 67W
78	1	MU1-OZ278	3/22/2016	500	503935.440	4936453.887	345	175	166	Pass	18	53N 67W
79	1	MU1-OZ281	3/4/2016	490	504072.083	4936535.360	355	175	164	Pass	18	53N 67W
80	1	MU1-OZ282	3/16/2016	480	504092.690	4936524.459	395	175	170	Pass	18	53N 67W
81	1	MU1-OZ283	3/2/2016	480	504093.506	4936502.373	390	175	159	Pass	18	53N 67W
82	1	MU1-OZ284	3/7/2016	490	504072.982	4936513.324	350	175	165	Pass	18	53N 67W
83	1	MU1-OZ285	3/4/2016	480	504055.674	4936504.448	345	175	170	Pass	18	53N 67W
84	1	MU1-OZ287	3/9/2016	530	503855.721	4936522.186	465	175	166	Pass	18	53N 67W
85	1	MU1-OZ292	3/10/2016	480	504032.598	4936488.915	350	175	166	Pass	18	53N 67W
86	1	MU1-OZ294	3/11/2016	500	503897.463	4936431.754	375	175	152	Fail	18	53N 67W
	1	MU1-OZ294	3/16/2016	500	503897.463	4936431.754	375	175	166	Pass	18	53N 67W
87	1	MU1-OZ295	3/16/2016	500	503893.913	4936409.963	375	175	170	Pass	18	53N 67W
88	1	MU1-OZ296	3/16/2016	500	503873.883	4936426.801	375	175	160	Pass	18	53N 67W
89	1	MU1-OZ300	3/17/2016	520	503837.501	4936557.157	395	175	167	Pass	18	53N 67W
90	1	MU1-OZ302	3/16/2016	490	504033.632	4936454.082	395	175	167	Pass	18	53N 67W
91	2	MU2-OZ002	3/15/2016	580	503082.883	4935963.554	455	175	168	Pass	18	53N 67W
92	2	MU2-SM01	3/14/2016	328	503182.585	4936058.379	285	175	170	Pass	18	53N 67W
93	2	MU2-SM02	3/14/2016	332	503082.641	4935957.151	275	175	168	Pass	18	53N 67W
94	2	MU2-SM09	3/14/2016	381	503007.298	4936320.069	310	175	164	Pass	18	53N 67W
95	2	MU2-OZ008	3/17/2016	610	502905.078	4936271.129	510	175	172	Pass	13	53N 68W
96	2	MU2-SM08	3/17/2016	383	502906.229	4936256.222	315	175	169	Pass	13	53N 68W

Appendix B
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	µmhos/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	µmhos/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	
Date				
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		Specific		Water
Parameters	Chloride	Conductance	Total Alkalinity	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		Specific		Water
Parameters	Chloride	Conductance	Total Alkalinity	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	21	3269	885	
<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	21	3269	885	
<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	21	3269	885	
<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	21	3269	885	
<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	
Date				
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	
Date				
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	
Date				
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	
Date				
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