

COLORADO OFFICE  
10758 W. CENTENNIAL RD., STE. 200  
LITTLETON, CO 80127  
TEL: (866) 981-4588  
FAX: (720)-981-5643



WYOMING OFFICE  
5880 ENTERPRISE DR., STE. 200  
CASPER, WY 82609  
TEL: (307) 265-2373  
FAX: (307) 265-2801

January 21, 2014

Ms. Melissa Bautz  
State of Wyoming  
Department of Environmental Quality  
Land Quality Division  
510 Meadowview Drive  
Lander, WY 82520

**Re: Quarterly Report for 4th Quarter 2013 for the Lost Creek ISR Project  
Permit #788 (BLM WYW-166318)**

Dear Ms. Bautz,

This Quarterly Report for the fourth calendar quarter of 2013 for the Lost Creek ISR Project has been submitted pursuant to Land Quality Division Rules and Regulation Chapter 11 Section 15(b) to provide a summary of:

- *Mechanical Integrity Testing (Ch11 Sect 15(b)(ii)).*
- *Wellfield Monitoring (Ch11 Sect 14).*

**Mechanical Integrity Testing**

During the 4th quarter of 2013 a total of 142 MITs were performed. Results are summarized on **Attachment I**. The MITs resulted in 123 successful tests with 19 failures. Wells with failed tests were managed as follows:

- The well was retested with a successful test;
- The well was repaired and retested with a successful test;
- The well was designated faulty after one or more tests and abandoned or to be abandoned; or
- The well was replaced with a well that passed the MIT.

Faulty wells were, or will be, plugged and abandoned in accordance with procedures described in the approved Permit Reclamation Plan Section 3.1. Several faulty wells were replaced as necessary. Of the 19 failed MITs, 9 wells passed retests. Wells which were reinstalled were given a letter designation with the well name (e.g. 1I280 was replaced by 1I280A) and tested according to procedures. MITs were performed in accordance with the approved Permit Operations Plan Section 3.4.

### Wellfield Monitoring

Wellfield injection and production in Mine Unit 1 continued throughout the quarter with intermittent shut-downs. Lixiviant was generated by the addition of carbon dioxide (CO<sub>2</sub>), and oxygen (O<sub>2</sub>) to the injection stream. Samples from the injection circuit were analyzed for pH and bicarbonate and the results summarized on Table 1:

**Table 1: Summary of Injection Fluid Quality for 4<sup>th</sup> Quarter 2013**

Sample ID	Average* pH (s.u.)	Average* Bicarbonate Ion (mg/L)
Injection HH1-1	7.2	511
Injection HH1-2	7.3	556
Injection HH1-3	7.2	520
Plant Injection Circuit (IC)	6.8	515

*\*Results averaged over the quarter*

Three (3) of the four (4) header houses were used for production as of the end of the 4<sup>th</sup> quarter. The injection rates and pressures for each header house manifold are provided on **Attachment 2**. Fluid level data from the Mine Unit 1 and regional monitoring wells is included on **Attachment 3**.

If you have any questions regarding this submittal please feel free to contact me at the Casper Office.

Sincerely,



Michael D. Gaither  
Manager EHS and Regulatory Affairs  
Ur-Energy USA, Inc.

Attachments: **Attachment I: Mechanical Integrity Testing**  
**Attachment II: Wellfield Injection Data**  
**Attachment III: Water Level Measurement Data**

Cc: Mr. Mark Newman, BLM Rawlins Field Office  
Mr. John Saxton, NRC, via e-mail  
Ms. Theresa Horne, Ur-Energy, Littleton Office, via e-mail

**Attachment I: Mechanical Integrity Testing**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

	Well ID	Well Type	MIT <sup>(1)</sup> Date	P/F	P&A Date <sup>(2)</sup>	Comments
1	1I062	I	11/6/2013	Pass	N/A	HH 5; re-test after repair
2	1I141A	I	11/25/2013	Pass	N/A	
3	1I144A	I	10/23/2013	Pass	N/A	
4	1I145A	I	10/23/2013	Fail	N/A	HH 6; Well wouldn't hold water.
5	1I145A	I	10/25/2013	Pass	N/A	HH 6; passed on re-test.
6	1I146A	I	10/24/2013	Pass	N/A	HH 6
7	1I147A	I	10/24/2013	Pass	N/A	HH 6
8	1I150	I	10/16/2013	Pass	N/A	HH 7
9	1I172	I	10/2/2013	Pass	N/A	HH 6
10	1I181	I	10/2/2013	Pass	N/A	HH 6
11	1I190	I	10/9/2013	Pass	N/A	HH 3
12	1I202	I	10/10/2013	Pass	N/A	HH 3
13	1I247	I	10/15/2013	Pass	N/A	HH 3
14	1I276	I	10/18/2013	Pass	N/A	HH 6
15	1I277	I	10/21/2013	Pass	N/A	HH 7
16	1I278	I	10/10/2013	Pass	N/A	HH 7
17	1I279	I	10/24/2013	Pass	N/A	HH 7
18	1I280	I	10/10/2013	Fail	TBA	HH 7; Well replaced
19	1I280A	I	11/26/2013	Pass	N/A	HH 7
20	1I281	I	10/7/2013	Pass	N/A	HH 6
21	1I283	I	10/2/2013	Pass	N/A	HH 6
22	1I284	I	11/27/2013	Pass	N/A	HH 7
23	1I285	I	10/9/2013	Pass	N/A	HH 6
24	1I286	I	10/9/2013	Pass	N/A	HH 6
25	1I287	I	10/10/2013	Pass	N/A	HH 7
26	1I288	I	10/17/2013	Pass	N/A	HH 7
27	1I289	I	10/21/2013	Pass	N/A	HH 7
28	1I290	I	10/22/2013	Pass	N/A	HH 7
29	1I291	I	11/18/2013	Fail	N/A	HH 8; needs to be swabbed and re-cut/routed.
30	1I293	I	10/28/2013	Fail	N/A	HH 7
31	1I293	I	10/29/2013	Pass	N/A	HH 7; passed after swabbing
32	1I294	I	10/25/2013	Fail	N/A	HH 7; swab and re-test
33	1I294	I	10/28/2013	Pass	N/A	HH 7; passed after swabbing
34	1I295	I	10/29/2013	Pass	N/A	HH 7
35	1I296	I	10/29/2013	Pass	N/A	HH 7
36	1I297	I	11/6/2013	Pass	N/A	HH 7
37	1I298	I	10/29/2013	Pass	N/A	HH 7
38	1I299	I	10/17/2013	Fail	N/A	HH 7
39	1I299	I	10/28/2013	Pass	N/A	HH7; passed after swabbing
40	1I300	I	11/4/2013	Fail	N/A	HH 7. Pressure loss was steady; possible to swab
41	1I300	I	11/7/2013	Pass	N/A	HH 7; passed after swabbing the well.
42	1I301	I	10/17/2013	Fail	TBA	HH 7; Well replaced
43	1I301A	I	11/26/2013	Pass	N/A	HH 7
44	1I302	I	10/17/2013	Pass	N/A	HH 7
45	1I303	I	10/12/2013	Fail	N/A	HH 7; recommend swabbing and re-testing.
46	1I303	I	10/15/2013	Pass	N/A	HH 7
47	1I304	I	10/12/2013	Pass	N/A	HH 7
48	1I305	I	10/16/2013	Fail	11/4/2013	HH 7; Well replaced
49	1I305A	I	11/25/2013	Pass	N/A	HH 6
50	1I306	I	10/1/2013	Pass	N/A	HH 6

**Attachment I: Mechanical Integrity Testing**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

	Well ID	Well Type	MIT <sup>(1)</sup> Date	P/F	P&A Date <sup>(2)</sup>	Comments
51	1I306	I	10/16/2013	Pass	N/A	HH 6
52	1I307	I	10/9/2013	Pass	N/A	HH 6
53	1I310	I	10/15/2013	Pass	N/A	HH 3
54	1I314	I	10/2/2013	Pass	N/A	HH 1
55	1I328A	I	10/30/2013	Pass	N/A	HH 7
56	1I331	I	10/30/2013	Pass	N/A	HH 8
57	1I332	I	10/30/2013	Pass	N/A	HH 8
58	1I333	I	11/13/2013	Pass	N/A	HH 8
59	1I334	I	10/31/2013	Pass	N/A	HH 8
60	1I335	I	11/1/2013	Pass	N/A	HH 8
61	1I336	I	11/1/2013	Pass	N/A	HH 8
62	1I337	I	11/7/2013	Fail	N/A	HH 8; would not hold any pressure. Will be repaired
63	1I338	I	11/14/2013	Pass	N/A	HH 8
64	1I342	I	11/11/2013	Pass	N/A	HH 8
65	1I343	I	11/11/2013	Pass	N/A	HH 8
66	1I344	I	11/11/2013	Pass	N/A	HH 8
67	1I345	I	11/11/2013	Pass	N/A	HH 8
68	1I346	I	11/8/2013	Pass	N/A	HH 8
69	1I347	I	11/6/2013	Pass	N/A	HH 8
70	1I348	I	11/12/2013	Pass	N/A	HH 8
71	1I349	I	11/4/2013	Pass	N/A	
72	1I350	I	11/4/2013	Pass	N/A	HH 8
73	1I351	I	11/1/2013	Pass	N/A	HH 8
74	1I352	I	11/27/2013	Pass	N/A	HH 8
75	1I353	I	11/18/2013	Pass	N/A	HH 8
76	1I354	I	11/18/2013	Pass	N/A	HH 8
77	1I355	I	11/11/2013	Pass	N/A	HH 8
78	1I356	I	11/12/2013	Pass	N/A	HH 8
79	1I357	I	11/15/2013	Pass	N/A	HH 8
80	1I358	I	11/15/2013	Pass	N/A	HH 8
81	1I359	I	11/13/2013	Pass	N/A	HH 8
82	1I360	I	11/15/2013	Pass	N/A	HH 8
83	1I368	I	11/20/2013	Pass	N/A	HH 8
84	1I396	I	10/28/2013	Fail	N/A	HH 7
85	1I396	I	10/29/2013	Pass	N/A	HH 7; passed after swabbing
86	1I397	I	10/21/2013	Pass	N/A	HH 7
87	1I558	I	11/19/2013	Pass	N/A	HH 8
88	1I598	I	10/7/2013	Pass	N/A	HH 6
89	1I599	I	10/7/2013	Pass	N/A	HH 7
90	1P008A	P	10/1/2013	Pass	N/A	HH 5
91	1P070	P	10/1/2013	Pass	N/A	HH 2
92	1P074A	P	10/23/2013	Pass	N/A	HH 6
93	1P076A	P	10/24/2013	Pass	N/A	
94	1P077	P	10/23/2013	Pass	N/A	HH 6
95	1P078	P	10/1/2013	Fail	11/11/2013	HH 6
96	1P081	P	10/12/2013	Pass	N/A	HH 6
97	1P093A	P	10/22/2013	Pass	N/A	HH 6
98	1P094A	P	10/21/2013	Pass	N/A	HH 6
99	1P134A	P	10/30/2013	Pass	N/A	HH 7
100	1P140	P	10/7/2013	Pass	N/A	HH 7
101	1P141	P	11/20/2013	Pass	N/A	HH 8
102	1P142	P	10/25/2013	Pass	N/A	HH 7
103	1P143	P	10/25/2013	Pass	N/A	HH 7
104	1P144	P	11/6/2013	Pass	N/A	HH 7

**Attachment I: Mechanical Integrity Testing**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

	Well ID	Well Type	MIT <sup>(1)</sup> Date	P/F	P&A Date <sup>(2)</sup>	Comments
105	1P145	P	10/30/2013	Pass	N/A	HH 7
106	1P147	P	10/16/2013	Pass	N/A	HH 7
107	1P148	P	10/16/2013	Pass	N/A	HH 7
108	1P149	P	10/10/2013	Pass	N/A	HH 7
109	1P150	P	10/12/2013	Pass	N/A	HH 7
110	1P151	P	10/12/2013	Fail	N/A	HH 7
111	1P151	P	10/15/2013	Fail	11/11/2013	HH 7; Well replaced
112	1P151A	P	11/25/2013	Fail	N/A	HH 7; needs to be swabbed and re-tested
113	1P151A	P	11/26/2013	Pass	N/A	HH 7; re-test after swabbing
114	1P152	P	10/1/2013	Pass	N/A	HH 6
115	1P153	P	10/2/2013	Pass	N/A	HH 6
116	1P154B	P	10/17/2013	Pass	N/A	HH 7
117	1P155	P	10/23/2013	Pass	N/A	HH 6; well was mis-marked but re-surveyed
118	1P156	P	10/23/2013	Pass	N/A	HH 6
119	1P172	P	10/31/2013	Pass	N/A	HH 8
120	1P173	P	10/31/2013	Pass	N/A	HH 8
121	1P174A	P	11/1/2013	Pass	N/A	HH 8
122	1P175	P	11/8/2013	Fail	N/A	HH 8; swab and re-test
123	1P175	P	11/26/2013	Pass	N/A	HH 8
124	1P176	P	11/8/2013	Pass	N/A	HH 8
125	1P177	P	11/14/2013	Pass	N/A	HH 8
126	1P178	P	11/14/2013	Pass	N/A	HH 8
127	1P183	P	11/12/2013	Fail	N/A	HH 8; needs to be swabbed and re-tested.
128	1P184	P	11/14/2013	Pass	N/A	HH 8
129	1P185	P	11/15/2013	Fail	N/A	HH 8; needs to be swabbed and re-tested.
130	1P186	P	11/12/2013	Pass	N/A	HH 8
131	1P187	P	11/8/2013	Pass	N/A	HH 8
132	1P189	P	11/18/2013	Pass	N/A	HH 8
133	1P190	P	11/20/2013	Pass	N/A	HH 8
134	1P200	P	10/21/2013	Pass	N/A	HH 7
135	1P284	P	10/30/2013	Pass	N/A	HH 7
136	1P286	P	10/28/2013	Pass	N/A	HH 7
137	1P288	P	11/20/2013	Pass	N/A	HH 8
138	1P289	P	11/20/2013	Pass	N/A	HH 8
139	1P293	P	10/9/2013	Pass	N/A	HH 6
140	1P314	P	10/9/2013	Pass	N/A	HH 6
141	1P328	P	11/20/2013	Pass	N/A	HH 8
142	MP-111	P	10/9/2013	Pass	N/A	HH 5; Monitor well converted to production

123 Pass  
19 Fail (9 pass after fail)  
142 Total

(1) MIT method for "Monitoring Wells" as described in WDEQ Permit #788 Operations Plan Section 3.4. Test performed by using packer(s) to isolate casing and then pressurize well.

(2) Plugging and abandonment (P&A) performed according to WDEQ Permit #788 Reclamation Plan Section 3.1

TBA = To be abandoned

I = Class III Injection Well

P = Class III Production Well

**Attachment II: Wellfield Injection Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)				Manifold Injection Pressure* (psi)				Manifold Production Flow Rate (gpm)				Number of Wells Injecting				Number of Wells Producing				Comments
	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	
10/1/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/2/2013	576	0	618	-	103	0	104	-	498	0	651	-	42	0	41	-	20	0	24	-	
10/3/2013	556	0	598	-	90	0	95	-	501	0	630	-	42	0	41	-	20	0	24	-	
10/4/2013	541	0	599	-	89	0	90	-	488	0	622	-	42	0	42	-	20	0	24	-	
10/5/2013	528	0	632	-	92	0	95	-	515	0	638	-	42	0	42	-	20	0	24	-	
10/6/2013	609	0	589	-	100	0	99	-	529	0	586	-	42	0	472	-	20	0	23	-	
10/7/2013	550	0	66	-	104	0	107	-	537	0	594	-	42	0	43	-	20	0	23	-	
10/8/2013	610	645	562	-	83	95	88	-	609	594	645	-	43	40	42	-	20	16	19	-	
10/9/2013	592	619	539	-	83	96	88	-	603	591	565	-	43	40	41	-	20	15	19	-	
10/10/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/11/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/12/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/13/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/14/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/15/2013	569	0	530	-	98	0	103	-	530	0	532	-	43	0	42	-	20	0	24	-	
10/16/2013	578	0	542	-	95	0	100	-	547	0	554	-	42	0	42	-	19	0	24	-	
10/17/2013	548	0	528	-	82	0	81	-	560	0	508	-	43	0	46	-	20	0	24	-	
10/18/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/19/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/20/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/21/2013	545	657	0	-	89	85	0	-	546	663	0	-	42	40	0	-	19	20	0	-	
10/22/2013	550	642	0	-	102	102	0	-	537	639	0	-	43	40	0	-	19	20	0	-	
10/23/2013	558	638	0	-	106	107	0	-	552	633	0	-	43	40	0	-	19	20	0	-	
10/24/2013	5799	600	0	-	98	102	0	-	580	583	0	-	43	43	0	-	19	20	0	-	
10/25/2013	582	619	0	-	95	98	0	-	585	613	0	-	43	40	0	-	19	20	0	-	
10/26/2013	663	672	0	-	90	92	0	-	577	667	0	-	43	40	0	-	19	21	0	-	
10/27/2013	558	659	0	-	90	95	0	-	581	647	0	-	43	40	0	-	19	20	0	-	
10/28/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
10/29/2013	590	635	0	-	109	99	0	-	568	597	0	-	41	40	0	-	19	19	0	-	
10/30/2013	595	588	0	-	102	107	0	-	570	607	0	-	41	38	0	-	19	20	0	-	
10/31/2013	574	584	0	-	106	109	0	-	566	584	0	-	43	40	0	-	19	19	0	-	
11/1/2013	570	528	0	-	94	98	0	-	575	518	0	-	40	43	0	-	19	19	0	-	
11/2/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/3/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/4/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/5/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/6/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/7/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/8/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/9/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/10/2013	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	0	0	0	-	
11/11/2013	590	0	596	-	110	0	115	-	533	0	668	-	41	0	44	-	19	0	24	-	
11/12/2013	576	0	549	-	103	0	103	-	553	0	575	-	41	0	44	-	19	0	24	-	
11/13/2013	534	0	527	-	90	0	93	-	500	0	564	-	43	0	46	-	20	0	24	-	

**Attachment II: Wellfield Injection Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)				Manifold Injection Pressure* (psi)				Manifold Production Flow Rate (gpm)				Number of Wells Injecting				Number of Wells Producing				Comments
	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	
11/14/2013	487	0	484	-	94	0	98	-	438	0	530	-	43	0	46	-	20	0	24	-	
11/15/2013	487	0	484	-	82	0	95	-	438	0	530	-	43	0	46	-	20	0	24	-	
11/16/2013	468	0	463	-	89	0	92	-	459	0	484	-	43	0	46	-	20	0	20	-	
11/17/2013	488	0	443	-	92	0	97	-	474	0	451	-	43	0	46	-	20	0	19	-	
11/18/2013	488	0	443	-	92	0	96	-	476	0	440	-	43	0	46	-	20	0	20	-	
11/19/2013	478	0	438	-	97	0	102	-	476	0	440	-	43	0	46	-	20	0	20	-	
11/20/2013	468	0	436	-	96	0	100	-	461	0	447	-	43	0	46	-	20	0	20	-	
11/21/2013	458	0	429	-	99	0	102	-	455	0	442	-	43	0	46	-	20	0	20	-	
11/22/2013	447	0	416	24	94	0	100	ND	428	0	436	N/A	43	0	46	5	18	0	20	N/A	HH-4 Perm Inject
11/23/2013	450	0	414	14	97	0	100	ND	425	0	442	N/A	43	0	46	5	17	0	19	N/A	HH-4 Perm Inject
11/24/2013	419	0	394	5	87	0	102	ND	384	0	402	N/A	43	0	46	5	17	0	17	N/A	HH-4 Perm Inject
11/25/2013	427	0	386	16	97	0	101	ND	416	0	409	N/A	43	0	46	5	17	0	17	N/A	HH-4 Perm Inject
11/26/2013	426	0	375	10	93	0	100	ND	416	0	389	N/A	43	0	46	5	17	0	16	N/A	HH-4 Perm Inject
11/27/2013	423	0	370	0	97	0	99	0	412	0	393	N/A	43	0	46	0	17	0	16	N/A	HH-4 Perm Inject
11/28/2013	416	0	368	0	95	0	102	0	398	0	392	N/A	43	0	46	0	16	0	16	N/A	HH-4 Perm Inject
11/29/2013	447	0	500	0	85	0	90	0	398	0	592	N/A	43	0	46	0	20	0	23	N/A	HH-4 Perm Inject
11/30/2013	438	0	423	0	96	0	80	0	419	0	441	N/A	43	0	46	0	18	0	19	N/A	HH-4 Perm Inject
12/1/2013	421	0	396	0	97	0	100	0	392	0	404	N/A	43	0	46	0	18	0	16	N/A	HH-4 Perm Inject
12/2/2013	401	0	355	0	95	0	95	0	392	0	360	N/A	43	0	46	0	17	0	15	N/A	HH-4 Perm Inject
12/3/2013	398	0	362	0	91	0	95	0	393	0	357	N/A	43	0	46	0	17	0	15	N/A	HH-4 Perm Inject
12/4/2013	346	0	384	21	93	0	97	47	390	0	345	N/A	28	0	40	6	17	0	15	N/A	HH-4 Perm Inject
12/5/2013	343	0	384	15	104	0	106	62	390	0	345	N/A	28	0	46	9	17	0	15	N/A	HH-4 Perm Inject
12/6/2013	353	0	346	18	95	0	101	58	354	0	348	N/A	35	0	40	4	17	0	15	N/A	HH-4 Perm Inject
12/7/2013	345	0	335	18	94	0	98	ND	343	0	345	N/A	36	0	41	4	17	0	15	N/A	HH-4 Perm Inject
12/8/2013	337	0	332	18	96	0	100	90	336	0	340	N/A	43	0	41	4	17	0	15	N/A	HH-4 Perm Inject
12/9/2013	329	0	327	0	97	0	105	0	490	0	444	N/A	36	0	41	0	17	0	15	N/A	HH-4 Perm Inject
12/10/2013	315	0	313	7	99	0	103	0	259	0	300	N/A	36	0	41	0	17	0	14	N/A	HH-4 Perm Inject
12/11/2013	358	0	312	7	105	0	110	27	350	0	351	N/A	39	0	41	3	17	0	14	N/A	HH-4 Perm Inject
12/12/2013	346	0	311	10	103	0	108	0	360	0	305	N/A	40	0	42	0	17	0	15	N/A	HH-4 Perm Inject
12/13/2013	327	0	314	7	110	0	110	40	352	0	307	N/A	40	0	45	2	17	0	15	N/A	HH-4 Perm Inject
12/14/2013	307	0	294	0	98	0	102	0	300	0	319	N/A	40	0	46	0	17	0	15	N/A	HH-4 Perm Inject
12/15/2013	304	0	295	0	98	0	102	0	285	0	319	N/A	40	0	45	0	17	0	15	N/A	HH-4 Perm Inject
12/16/2013	295	0	289	7	102	0	105	0	277	0	308	N/A	40	0	45	0	17	0	15	N/A	HH-4 Perm Inject
12/17/2013	282	55	278	11	101	107	105	24	277	48	308	N/A	42	3	45	2	17	1	15	N/A	HH-4 Perm Inject
12/18/2013	293	71	267	9	97	102	102	36	287	48	300	N/A	43	3	45	2	17	1	14	N/A	HH-4 Perm Inject
12/19/2013	289	70	263	ND	92	102	99	85	290	49	302	N/A	43	3	45	2	17	1	14	N/A	HH-4 Perm Inject
12/20/2013	276	71	263	-	100	106	104	-	283	48	297	-	43	5	45	-	17	1	14	-	
12/21/2013	279	183	254	-	98	105	104	-	274	158	285	-	43	12	45	-	17	4	14	-	
12/22/2013	266	200	256	-	103	107	106	-	275	161	288	-	43	12	45	-	17	4	14	-	
12/23/2013	258	193	250	-	102	110	108	-	275	153	284	-	43	11	45	-	17	4	14	-	
12/24/2013	272	203	234	-	107	110	104	-	270	158	288	-	43	12	43	-	17	4	14	-	
12/25/2013	267	209	229	-	103	111	109	-	271	108	284	-	43	12	42	-	17	4	13	-	
12/26/2013	276	180	237	-	98	105	105	-	275	106	286	-	43	10	45	-	16	4	14	-	
12/27/2013	245	194	240	-	104	110	108	-	292	104	280	-	43	14	45	-	16	4	14	-	



**Attachment II: Wellfield Injection Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Date	Manifold Injection Flow Rate (gpm)				Manifold Injection Pressure* (psi)				Manifold Production Flow Rate (gpm)				Number of Wells Injecting				Number of Wells Producing				Comments
	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	HH1-1	HH1-2	HH1-3	HH1-4	
12/28/2013	223	208	246	-	101	105	105	-	295	109	279	-	43	15	45	-	16	4	14	-	
12/29/2013	243	206	242	-	104	108	107	-	284	110	282	-	43	15	45	-	15	4	13	-	
12/30/2013	247	200	236	-	100	105	105	-	287	107	284	-	43	15	45	-	15	4	13	-	
12/31/2013	245	193	250	-	98	105	102	-	291	106	288	-	43	15	45	-	15	4	13	-	

\* Manifold pressure is not indicative of actual well pressures. Flows to wells are throttled on an individual basis at each stub to keep injection pressure below the rated pressure for the well.

ND - No data

gpm - gallons per minute

psi - pounds per square inch



**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-101	MU1 Mon Ring	10/2/2013	179.83	
M-101	MU1 Mon Ring	10/15/2013	179.05	
M-101	MU1 Mon Ring	11/4/2013	179.49	
M-101	MU1 Mon Ring	11/14/2013	179.92	
M-101	MU1 Mon Ring	12/2/2013	179.49	
M-101	MU1 Mon Ring	12/13/2013	179.02	
M-102	MU1 Mon Ring	10/2/2013	171.49	
M-102	MU1 Mon Ring	10/15/2013	183.19	
M-102	MU1 Mon Ring	11/4/2013	181.83	
M-102	MU1 Mon Ring	11/14/2013	180.47	
M-102	MU1 Mon Ring	12/2/2013	184.02	
M-102	MU1 Mon Ring	12/13/2013	183.46	
M-103A	MU1 Mon Ring	10/2/2013	178.64	
M-103A	MU1 Mon Ring	10/15/2013	178.07	
M-103A	MU1 Mon Ring	11/5/2013	178.03	
M-103A	MU1 Mon Ring	11/15/2013	177.99	
M-103A	MU1 Mon Ring	12/3/2013	177.61	
M-103A	MU1 Mon Ring	12/13/2013	177.95	
M-104	MU1 Mon Ring	10/6/2013	183.09	
M-104	MU1 Mon Ring	10/16/2013	182.95	
M-104	MU1 Mon Ring	11/5/2013	183.37	
M-104	MU1 Mon Ring	11/15/2013	183.78	
M-104	MU1 Mon Ring	12/3/2013	183.22	
M-104	MU1 Mon Ring	12/13/2013	181.97	
M-105	MU1 Mon Ring	10/3/2013	178.48	
M-105	MU1 Mon Ring	10/15/2013	177.64	
M-105	MU1 Mon Ring	11/5/2013	178.25	
M-105	MU1 Mon Ring	11/15/2013	178.85	
M-105	MU1 Mon Ring	12/3/2013	178.15	
M-105	MU1 Mon Ring	12/13/2013	176.47	
M-106	MU1 Mon Ring	10/6/2013	168.69	
M-106	MU1 Mon Ring	10/16/2013	168.49	
M-106	MU1 Mon Ring	11/5/2013	169.06	
M-106	MU1 Mon Ring	11/15/2013	169.62	
M-106	MU1 Mon Ring	12/3/2013	168.99	
M-106	MU1 Mon Ring	12/13/2013	166.99	
M-107	MU1 Mon Ring	10/6/2013	181.04	
M-107	MU1 Mon Ring	10/16/2013	180.75	
M-107	MU1 Mon Ring	11/5/2013	180.98	
M-107	MU1 Mon Ring	11/15/2013	181.21	
M-107	MU1 Mon Ring	12/3/2013	180.37	
M-107	MU1 Mon Ring	12/13/2013	176.95	
M-108	MU1 Mon Ring	10/6/2013	180.25	
M-108	MU1 Mon Ring	10/16/2013	179.91	
M-108	MU1 Mon Ring	11/5/2013	180.40	
M-108	MU1 Mon Ring	11/15/2013	180.89	
M-108	MU1 Mon Ring	12/3/2013	179.99	
M-108	MU1 Mon Ring	12/16/2013	178.18	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-109	MU1 Mon Ring	10/6/2013	178.21	
M-109	MU1 Mon Ring	10/15/2013	177.85	
M-109	MU1 Mon Ring	11/5/2013	178.07	
M-109	MU1 Mon Ring	11/15/2013	178.29	
M-109	MU1 Mon Ring	12/3/2013	177.22	
M-109	MU1 Mon Ring	12/17/2013	174.69	
M-110	MU1 Mon Ring	10/6/2013	181.74	
M-110	MU1 Mon Ring	10/16/2013	181.31	
M-110	MU1 Mon Ring	11/5/2013	181.73	
M-110	MU1 Mon Ring	11/15/2013	182.14	
M-110	MU1 Mon Ring	12/4/2013	180.72	
M-110	MU1 Mon Ring	12/18/2013	176.33	
M-111	MU1 Mon Ring	10/6/2013	174.27	
M-111	MU1 Mon Ring	10/16/2013	173.81	
M-111	MU1 Mon Ring	11/5/2013	173.87	
M-111	MU1 Mon Ring	11/15/2013	173.92	
M-111	MU1 Mon Ring	12/4/2013	173.21	
M-111	MU1 Mon Ring	12/18/2013	166.31	
M-112	MU1 Mon Ring	10/6/2013	184.77	
M-112	MU1 Mon Ring	10/16/2013	183.55	
M-112	MU1 Mon Ring	11/5/2013	183.92	
M-112	MU1 Mon Ring	11/15/2013	184.29	
M-112	MU1 Mon Ring	12/4/2013	182.39	
M-112	MU1 Mon Ring	12/18/2013	177.09	
M-113	MU1 Mon Ring	10/6/2013	195.39	
M-113	MU1 Mon Ring	10/16/2013	194.95	
M-113	MU1 Mon Ring	11/6/2013	194.69	
M-113	MU1 Mon Ring	11/18/2013	194.13	
M-113	MU1 Mon Ring	12/4/2013	194.69	
M-113	MU1 Mon Ring	12/18/2013	187.69	
M-114A	MU1 Mon Ring	10/6/2013	191.38	
M-114A	MU1 Mon Ring	10/16/2013	187.29	
M-114A	MU1 Mon Ring	11/6/2013	188.69	
M-114A	MU1 Mon Ring	11/18/2013	185.22	
M-114A	MU1 Mon Ring	12/4/2013	184.62	
M-114A	MU1 Mon Ring	12/18/2013	187.01	
M-115A	MU1 Mon Ring	10/6/2013	192.19	
M-115A	MU1 Mon Ring	10/16/2013	186.29	
M-115A	MU1 Mon Ring	11/5/2013	166.29	
M-115A	MU1 Mon Ring	11/15/2013	183.22	
M-115A	MU1 Mon Ring	12/3/2013	186.21	
M-115A	MU1 Mon Ring	12/17/2013	187.79	
M-116A	MU1 Mon Ring	10/6/2013	190.02	
M-116A	MU1 Mon Ring	10/16/2013	186.12	
M-116A	MU1 Mon Ring	11/6/2013	184.62	
M-116A	MU1 Mon Ring	11/18/2013	181.93	
M-116A	MU1 Mon Ring	12/3/2013	184.59	
M-116A	MU1 Mon Ring	12/17/2013	184.88	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-117	MU1 Mon Ring	10/3/2013	197.74	
M-117	MU1 Mon Ring	10/16/2013	199.09	
M-117	MU1 Mon Ring	11/6/2013	194.74	
M-117	MU1 Mon Ring	11/18/2013	193.61	
M-117	MU1 Mon Ring	12/3/2013	195.09	
M-117	MU1 Mon Ring	12/17/2013	194.03	
M-118	MU1 Mon Ring	10/2/2013	195.39	
M-118	MU1 Mon Ring	10/14/2013	189.60	
M-118	MU1 Mon Ring	11/4/2013	190.43	
M-118	MU1 Mon Ring	11/14/2013	191.26	
M-118	MU1 Mon Ring	12/2/2013	188.90	
M-118	MU1 Mon Ring	12/12/2013	195.22	
M-119	MU1 Mon Ring	10/2/2013	198.51	
M-119	MU1 Mon Ring	10/14/2013	191.87	
M-119	MU1 Mon Ring	11/4/2013	192.52	
M-119	MU1 Mon Ring	11/14/2013	193.17	
M-119	MU1 Mon Ring	12/2/2013	191.14	
M-119	MU1 Mon Ring	12/12/2013	196.77	
M-120A	MU1 Mon Ring	10/2/2013	190.81	
M-120A	MU1 Mon Ring	10/14/2013	186.12	
M-120A	MU1 Mon Ring	11/4/2013	186.54	
M-120A	MU1 Mon Ring	11/14/2013	186.96	
M-120A	MU1 Mon Ring	12/2/2013	185.03	
M-120A	MU1 Mon Ring	12/12/2013	188.23	
M-121	MU1 Mon Ring	10/2/2013	192.09	
M-121	MU1 Mon Ring	10/14/2013	187.88	
M-121	MU1 Mon Ring	11/4/2013	187.97	
M-121	MU1 Mon Ring	11/14/2013	188.05	
M-121	MU1 Mon Ring	12/2/2013	186.52	
M-121	MU1 Mon Ring	12/12/2013	188.62	
M-122	MU1 Mon Ring	10/3/2013	191.46	
M-122	MU1 Mon Ring	10/14/2013	186.82	
M-122	MU1 Mon Ring	11/4/2013	187.12	
M-122	MU1 Mon Ring	11/14/2013	187.41	
M-122	MU1 Mon Ring	12/2/2013	186.35	
M-122	MU1 Mon Ring	12/12/2013	187.59	
M-123	MU1 Mon Ring	10/3/2013	187.99	
M-123	MU1 Mon Ring	10/14/2013	184.49	
M-123	MU1 Mon Ring	11/4/2013	184.79	
M-123	MU1 Mon Ring	11/14/2013	185.08	
M-123	MU1 Mon Ring	12/2/2013	184.22	
M-123	MU1 Mon Ring	12/12/2013	184.95	
M-124	MU1 Mon Ring	10/2/2013	190.72	
M-124	MU1 Mon Ring	10/14/2013	187.99	
M-124	MU1 Mon Ring	11/4/2013	188.11	
M-124	MU1 Mon Ring	11/14/2013	188.22	
M-124	MU1 Mon Ring	12/2/2013	187.04	
M-124	MU1 Mon Ring	12/13/2013	188.29	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
M-125	MU1 Mon Ring	10/2/2013	181.25	
M-125	MU1 Mon Ring	10/14/2013	180.24	
M-125	MU1 Mon Ring	11/4/2013	180.17	
M-125	MU1 Mon Ring	11/14/2013	180.09	
M-125	MU1 Mon Ring	12/2/2013	179.85	
M-125	MU1 Mon Ring	12/13/2013	178.83	
M-126	MU1 Mon Ring	10/2/2013	181.88	
M-126	MU1 Mon Ring	10/14/2013	180.34	
M-126	MU1 Mon Ring	11/4/2013	179.80	
M-126	MU1 Mon Ring	11/14/2013	179.25	
M-126	MU1 Mon Ring	12/2/2013	179.19	
M-126	MU1 Mon Ring	12/13/2013	180.11	
M-127	MU1 Mon Ring	10/2/2013	176.92	
M-127	MU1 Mon Ring	10/15/2013	176.37	
M-127	MU1 Mon Ring	11/4/2013	176.68	
M-127	MU1 Mon Ring	11/14/2013	176.99	
M-127	MU1 Mon Ring	12/2/2013	176.59	
M-127	MU1 Mon Ring	12/13/2013	176.28	
M-128	MU1 Mon Ring	10/2/2013	177.19	
M-128	MU1 Mon Ring	10/14/2013	176.59	
M-128	MU1 Mon Ring	11/4/2013	176.57	
M-128	MU1 Mon Ring	11/14/2013	176.55	
M-128	MU1 Mon Ring	12/2/2013	177.29	
M-128	MU1 Mon Ring	12/13/2013	177.88	
MO-101	MU1 Overlying	10/8/2013	159.73	
MO-101	MU1 Overlying	10/18/2013	160.09	
MO-101	MU1 Overlying	11/8/2013	160.15	
MO-101	MU1 Overlying	11/20/2013	159.95	
MO-101	MU1 Overlying	12/10/2013	159.95	
MO-101	MU1 Overlying	12/19/2013	160.19	
MO-102	MU1 Overlying	10/8/2013	163.95	
MO-102	MU1 Overlying	10/18/2013	164.09	
MO-102	MU1 Overlying	11/8/2013	163.95	
MO-102	MU1 Overlying	11/20/2013	163.76	
MO-102	MU1 Overlying	12/10/2013	163.72	
MO-102	MU1 Overlying	12/19/2013	163.57	
MO-103	MU1 Overlying	10/8/2013	159.35	
MO-103	MU1 Overlying	10/18/2013	159.61	
MO-103	MU1 Overlying	11/8/2013	159.35	
MO-103	MU1 Overlying	11/20/2013	159.31	
MO-103	MU1 Overlying	12/6/2013	159.26	
MO-103	MU1 Overlying	12/18/2013	159.25	
MO-104	MU1 Overlying	10/8/2013	169.57	
MO-104	MU1 Overlying	10/18/2013	170.17	
MO-104	MU1 Overlying	11/8/2013	169.91	
MO-104	MU1 Overlying	11/20/2013	169.87	
MO-104	MU1 Overlying	12/6/2013	169.65	
MO-104	MU1 Overlying	12/19/2013	169.88	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MO-105	MU1 Overlying	10/7/2013	170.84	
MO-105	MU1 Overlying	10/18/2013	170.99	
MO-105	MU1 Overlying	11/8/2013	170.55	
MO-105	MU1 Overlying	11/20/2013	170.41	
MO-105	MU1 Overlying	12/6/2013	170.31	
MO-105	MU1 Overlying	12/19/2013	170.38	
MO-106	MU1 Overlying	10/7/2013	167.29	
MO-106	MU1 Overlying	10/17/2013	167.29	
MO-106	MU1 Overlying	11/7/2013	167.36	
MO-106	MU1 Overlying	11/20/2013	169.22	
MO-106	MU1 Overlying	12/5/2013	166.89	
MO-106	MU1 Overlying	12/19/2013	166.89	
MO-107	MU1 Overlying	10/7/2013	162.96	
MO-107	MU1 Overlying	10/17/2013	163.26	
MO-107	MU1 Overlying	11/7/2013	163.11	
MO-107	MU1 Overlying	11/19/2013	162.87	
MO-107	MU1 Overlying	12/5/2013	162.49	
MO-107	MU1 Overlying	12/19/2013	162.68	
MO-108	MU1 Overlying	10/7/2013	183.40	
MO-108	MU1 Overlying	10/15/2013	162.68	
MO-108	MU1 Overlying	10/25/2013	162.17	
MO-108	MU1 Overlying	11/7/2013	162.39	
MO-108	MU1 Overlying	11/19/2013	162.75	
MO-108	MU1 Overlying	12/5/2013	169.75	
MO-108	MU1 Overlying	12/19/2013	161.84	
MO-109	MU1 Overlying	10/7/2013	169.82	
MO-109	MU1 Overlying	10/17/2013	169.39	
MO-109	MU1 Overlying	11/7/2013	169.85	
MO-109	MU1 Overlying	11/19/2013	169.75	
MO-109	MU1 Overlying	12/5/2013	169.49	
MO-109	MU1 Overlying	12/17/2013	169.59	
MO-110	MU1 Overlying	10/6/2013	171.95	
MO-110	MU1 Overlying	10/17/2013	172.41	
MO-110	MU1 Overlying	11/6/2013	172.19	
MO-110	MU1 Overlying	11/18/2013	172.84	
MO-110	MU1 Overlying	12/4/2013	171.39	
MO-110	MU1 Overlying	12/17/2013	172.20	
MO-111	MU1 Overlying	10/6/2013	171.79	
MO-111	MU1 Overlying	10/17/2013	172.71	
MO-111	MU1 Overlying	11/7/2013	172.09	
MO-111	MU1 Overlying	11/18/2013	171.49	
MO-111	MU1 Overlying	12/4/2013	171.89	
MO-111	MU1 Overlying	12/18/2013	171.91	
MO-112	MU1 Overlying	10/7/2013	172.48	
MO-112	MU1 Overlying	10/17/2013	171.73	
MO-112	MU1 Overlying	11/6/2013	138.69	
MO-112	MU1 Overlying	11/19/2013	172.46	
MO-112	MU1 Overlying	12/5/2013	170.09	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MO-112	MU1 Overlying	12/17/2013	172.66	
MO-113	MU1 Overlying	10/7/2013	165.18	
MO-113	MU1 Overlying	10/17/2013	165.14	
MO-113	MU1 Overlying	11/7/2013	164.87	
MO-113	MU1 Overlying	11/18/2013	164.87	
MO-113	MU1 Overlying	12/4/2013	164.11	
MO-113	MU1 Overlying	12/18/2013	164.51	
MU-101	MU1 Underlying	10/8/2013	190.39	
MU-101	MU1 Underlying	10/18/2013	191.53	
MU-101	MU1 Underlying	11/8/2013	190.51	
MU-101	MU1 Underlying	11/20/2013	191.25	
MU-101	MU1 Underlying	12/10/2013	190.24	
MU-101	MU1 Underlying	12/19/2013	190.72	
MU-102	MU1 Underlying	10/8/2013	192.05	
MU-102	MU1 Underlying	10/18/2013	192.66	
MU-102	MU1 Underlying	11/8/2013	192.09	
MU-102	MU1 Underlying	11/20/2013	192.32	
MU-102	MU1 Underlying	12/10/2013	191.77	
MU-102	MU1 Underlying	12/19/2013	190.92	
MU-103	MU1 Underlying	10/8/2013	187.82	
MU-103	MU1 Underlying	10/18/2013	186.92	
MU-103	MU1 Underlying	11/8/2013	187.81	
MU-103	MU1 Underlying	11/20/2013	186.81	
MU-103	MU1 Underlying	12/6/2013	186.75	
MU-103	MU1 Underlying	12/18/2013	186.45	
MU-104	MU1 Underlying	10/8/2013	196.37	
MU-104	MU1 Underlying	10/18/2013	195.69	
MU-104	MU1 Underlying	11/8/2013	200.85	
MU-104	MU1 Underlying	11/20/2013	195.97	
MU-104	MU1 Underlying	12/6/2013	195.60	
MU-104	MU1 Underlying	12/19/2013	198.43	
MU-105	MU1 Underlying	10/7/2013	206.45	
MU-105	MU1 Underlying	10/18/2013	207.15	
MU-105	MU1 Underlying	11/8/2013	205.89	
MU-105	MU1 Underlying	11/20/2013	206.04	
MU-105	MU1 Underlying	12/6/2013	205.49	
MU-105	MU1 Underlying	12/19/2013	206.03	
MU-106	MU1 Underlying	10/7/2013	184.54	
MU-106	MU1 Underlying	10/15/2013	199.78	
MU-106	MU1 Underlying	10/25/2013	199.64	
MU-106	MU1 Underlying	11/7/2013	201.39	
MU-106	MU1 Underlying	11/20/2013	199.62	
MU-106	MU1 Underlying	12/5/2013	200.59	
MU-106	MU1 Underlying	12/19/2013	200.69	
MU-107	MU1 Underlying	10/7/2013	199.29	
MU-107	MU1 Underlying	10/17/2013	199.12	
MU-107	MU1 Underlying	11/7/2013	198.79	
MU-107	MU1 Underlying	11/19/2013	197.63	

**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
MU-107	MU1 Underlying	12/5/2013	197.93	
MU-107	MU1 Underlying	12/19/2013	197.95	
KPW-2	MU1 Underlying	10/7/2013	198.88	
KPW-2	MU1 Underlying	10/17/2013	198.64	
KPW-2	MU1 Underlying	11/7/2013	198.31	
KPW-2	MU1 Underlying	11/19/2013	198.85	
KPW-2	MU1 Underlying	12/5/2013	198.49	
KPW-2	MU1 Underlying	12/19/2013	197.48	
MU-109	MU1 Underlying	10/7/2013	195.53	
MU-109	MU1 Underlying	10/17/2013	195.04	
MU-109	MU1 Underlying	11/7/2013	194.95	
MU-109	MU1 Underlying	11/19/2013	194.75	
MU-109	MU1 Underlying	12/5/2013	193.39	
MU-109	MU1 Underlying	12/17/2013	193.09	
MU-110	MU1 Underlying	10/6/2013	204.99	
MU-110	MU1 Underlying	10/17/2013	205.15	
MU-110	MU1 Underlying	11/6/2013	204.76	
MU-110	MU1 Underlying	11/18/2013	204.82	
MU-110	MU1 Underlying	12/3/2013	203.19	
MU-110	MU1 Underlying	12/17/2013	204.03	
MU-111	MU1 Underlying	10/6/2013	205.59	
MU-111	MU1 Underlying	10/17/2013	206.16	
MU-111	MU1 Underlying	11/7/2013	202.65	
MU-111	MU1 Underlying	11/18/2013	202.12	
MU-111	MU1 Underlying	12/4/2013	201.42	
MU-111	MU1 Underlying	12/18/2013	201.65	
MU-112	MU1 Underlying	10/7/2013	203.91	
MU-112	MU1 Underlying	10/17/2013	203.00	
MU-112	MU1 Underlying	11/6/2013	202.49	
MU-112	MU1 Underlying	11/19/2013	202.54	
MU-112	MU1 Underlying	12/5/2013	201.49	
MU-112	MU1 Underlying	12/17/2013	201.81	
MU-113	MU1 Underlying	10/7/2013	191.15	
MU-113	MU1 Underlying	10/17/2013	190.59	
MU-113	MU1 Underlying	11/7/2013	190.39	
MU-113	MU1 Underlying	11/18/2013	190.26	
MU-113	MU1 Underlying	12/4/2013	189.59	
MU-113	MU1 Underlying	12/18/2013	188.54	
OW1-1	MU1 Observation	10/7/2013	194.98	
OW1-1	MU1 Observation	10/18/2013	193.45	
OW1-1	MU1 Observation	11/8/2013	185.09	
OW1-1	MU1 Observation	11/18/2013	193.91	
OW1-1	MU1 Observation	12/3/2013	191.61	
OW1-1	MU1 Observation	12/16/2013	186.50	
TW1-1	MU1 Trend	10/7/2013	190.94	
TW1-1	MU1 Trend	10/18/2013	189.74	
TW1-1	MU1 Trend	11/7/2013	192.59	
TW1-1	MU1 Trend	11/22/2013	192.49	



**Attachment III: Water Level Measurement Data**  
**4th Quarter 2013**  
**Lost Creek ISR Project PT788**

Well ID	Well Type	Measure Date	Depth to Water (ft-bmp)	Comments
TW1-1	MU1 Trend	12/10/2013	186.65	
TW1-1	MU1 Trend	12/16/2013	181.79	
LC15M	Regional	11/11/2013	159.67	
LC16M	Regional	11/11/2013	N/M	Water near top of well
LC17M	Regional	11/11/2013	189.07	
LC18M	Regional	11/11/2013	N/M	Well obstructed by tubing
LC19M	Regional	11/11/2013	185.61	
LC20M	Regional	11/11/2013	206.54	
LC21M	Regional	11/11/2013	199.65	
LC22M	Regional	11/11/2013	208.95	
LC23M	Regional	11/11/2013	208.46	
LC24M	Regional	11/11/2013	194.33	
LC25M	Regional	11/11/2013	167.14	
LC26M	Regional	11/11/2013	174.64	
LC27M	Regional	11/11/2013	197.10	
LC28M	Regional	11/11/2013	155.54	
LC29M	Regional	11/11/2013	158.35	
LC30M	Regional	11/11/2013	194.61	
LC31M	Regional	11/11/2013	N/M	Check valve malfunction; water in column
MB-01	Regional	11/11/2013	249.05	
MB-02	Regional	11/11/2013	245.19	
MB-03B	Regional	11/11/2013	266.55	
MB-04	Regional	11/11/2013	277.19	
MB-05	Regional	11/11/2013	145.75	
MB-06	Regional	11/11/2013	143.30	
MB-07	Regional	11/11/2013	122.85	
MB-08	Regional	11/11/2013	171.83	
MB-09	Regional	11/11/2013	184.71	
MB-10	Regional	11/11/2013	170.45	

*ft-bmp: feet below measuring point*

*MU1: Mine Unit 1*