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January 3, 2014

Mr. Lee Fyock
Environmental Manager
Gunnison Energy Corp.
1801 Broadway, Suite 1200
Denver, CO 80202

Subject: Hotchkiss Well 1290 No. 1-34 Follow-Up Sampling
Final Field Summary Report
Weston WO# 14798.001.006.0020

Dear Lee:

On behalf of Gunnison Energy Corporation (GEC) Weston Solutions, Inc. (Weston) is pleased to provide this summary report of field activities in support of well 1290 No. 1-34 and nearby drainage conditions for confirmation purposes. The area had previously shown soil analytical data indicating Sodium Adsorption (SAR) values exceeding COGCC Table 910-1 S values. In an effort to finalize the conditions of the site and delineate potential impacts, further soil sampling activities in the well pad area and the drainages to the west and south were conducted. This report is intended to summarize the field work and analytical results referenced in the Workplan as approved November 14, 2013.

Phase I Fieldwork – Weston mobilized to the site of well 1290 No. 1-34 to collect soil samples as prescribed in the approved Workplan on November 14, 2013 from within and adjacent to the well pad. Weston met with GEC and SG representatives and walked the site in order to determine sample locations. A hand-auger was utilized in sample locations S-02, S-04, S-05, S-10, S-11, S-12, and S-13. All samples were collected between 1 to 3 feet below ground surface (ft bgs) as specified in the Workplan with the addition of location S-13; where a soil sample was collected preceding the refusal depth of 8 ft bgs. Sample locations are shown on Figure 1.

As a result of hand-auger refusal and client request for deep soil boring samples, Weston returned to well 1290 No. 1-34 on December 18, 2013 with a solid stem auger drilling rig. Four additional samples were collected and located at S-14, S-15, S-16, and S-17 (Figure 1). At location S-14 and S-15 soil samples were collected between 6 to 8 ft bgs and at locations S-16 and S-17 borings were sampled 16 to 18 ft bgs. Additionally, as per client request a water sample was taken directly from well 1290 No. 1-34.

All sample intervals were screened with a photoionization detector (PID) calibrated prior to soil boring with 100 parts per million Isobutylene. No elevated readings were observed during screening of soil samples. Furthermore, the ambient air was screened during work activities by the PID during all screenings with negligible relative response.



All samples were placed in laboratory supplied containers and placed on ice to cool to 4° C for transport to the laboratory under proper chain of custody procedures. All samples were analyzed for COGCC Table 910-1 constituents by ESC Laboratory Sciences of Mount Juliet, TN.

Phase I Analytical Data Summary – Based on comparison of the Analytical Data Report provided by ESC Laboratory Sciences (Attachment) of all samples collected from the area of well 1290 No. 1-34 no parameters are in exceedance of COGCC Table 910-1 standards except Arsenic. All Arsenic levels are reported between 1.0 and 3.0 mg/kg, respectively. These soil sample values are above the COGCC Table 910-1 S standard (0.39 mg/kg). However, based on previous background soil studies conducted by GEC, the arsenic appears to be naturally occurring and not a result of the well. No other exceedances of COGCC Table 910-1 standards were observed or reported. All analytical data is summarized in Table 1.

Conclusions and Recommendations – Based on the data collected during the two field sampling efforts Weston believes the soil in the area of well 1290 No. 1-34 does not exceed any COGCC Table 910-1 standards except Arsenic. However, all detected Arsenic levels are believed to be within the expected background range. Therefore, Weston deems that no further testing or remedial work is necessary in relation to the Hotchkiss 1290 No. 1-34 well.

If you have any questions about this report please give me a call at (303) 729-6149. We look forward to our continued working relationship with you on this important project.

Sincerely,
Weston Solutions, Inc.

A handwritten signature in black ink, appearing to read "Ken Miller".

Kenneth E. Miller, P.G.
Sr. Project Manager

Attachments:

Figure - 1
Table - 1
Analytical Data Reports



1435 GARRISON ST
SUITE 100
LAKEWOOD
COLORADO 80215

HK Well 1290 No. 1-34 Follow-Up Sampling
Gunnison Energy Corporation, Hotchkiss, Colorado

SAMPLE LOCATIONS

FIGURE
1

Table 1 - Analytical Data Summary

Client Sample ID				S02-0001		S02-0102		S02-0203		S04-0001		S04-0102		S05-0001		S10-0001		S11-0001		S11-0102		S11-0203		S12-0001		S13-0708		S-14		S-15	
Collect Date				11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		11/19/2013		12/18/2013		12/18/2013	
Method	Parameter	Units	COGCC Table 910.5	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual	Value	Qual
3060A/7196A	Chromium,Hexavalent	mg/kg	23	<10	0	<10	0	<10	0	<100	0	<100	0	<10	0	<20	0	<20	0	<10	0	<10	0	<20	0	<50	0	<2.0	<10	0	
Calc.	Chromium,Trivalent	mg/kg	120000	<10		<10		<10		<100		<100		<10		<20		<20		<10		<10		<20		<50		8.2		12	
2580 B-2011	ORP	mV		200		190		180		220		170		110		140		160		150		140		120		240		200		200	
9045D	pH	su		7.9		8.4		8.5		6.9		6.5		8		8.1		8		8.2		8.2		8.1		7.7		8.8		8.4	
Calc.	Sodium Adsorption Ratio			5.1		5		3.4		11		7.1		6.8		6.8		13		20		26		2.9		2.4		1.6		17	
9050AMod	Specific Conductance	umhos/cm		480		370		190		2300		3800		350		770		3900		4200		3700		390		130		150		470	
7471	Mercury	mg/kg	23	<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		0.06		<0.020	
60108	Arsenic	mg/kg	0.39	1.3		1.6		1.5		1.9		3		2		1.6		1.3		2.4		2.6		1.7		2.7		3		2.6	
60108	Barium	mg/kg	15000	280		730		680		340		340		770		700		330		330		390		670		230		370		5900	
60108	Cadmium	mg/kg	70	<0.25		<0.25		<0.25		0.49		0.45		0.34		0.31		0.29		<0.25		<0.25		0.36		0.46		0.38		0.33	
60108	Chromium	mg/kg		5.6		6		7		8		8.8		5.6		5.9		4.9		7.4		6.6		5.4		7.9		8.2		12	
60108	Copper	mg/kg	3100	9.6		11		12		15		14		11		11		20		18		19		11		14		18		23	
60108	Lead	mg/kg	400	8.5		8.6		9.8		11		12		10		9.5		9.7		17		18		8.9		12		12		19	
60108	Nickel	mg/kg	1600	3.8		3.6		4.7		2.4		1.4		<1.0		<1.0		<5.0	0	7.3		6.6		<1.0		7.5		9.1		6.2	
60108	Selenium	mg/kg	390	<1.0		<1.0		<1.0		2.5		2.3		3.6		1.8		<1.0		<1.0		<1.0		3.2		1.9		3.4		2.9	
60108	Silver	mg/kg	390	<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50	
60108	Zinc	mg/kg	23000	45		48		51		64		70		54		63		56		57		60		58		60		67		41	
8015D/GRO	TPH (GC/RID) Low Fraction	mg/kg		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50		<0.50	
82608	Benzene	mg/kg	0.17	<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050	
82608	Toluene	mg/kg	85	<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025		<0.025	
82608	Ethylbenzene	mg/kg	100	<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050		<0.0050	
82608	Total Xylenes	mg/kg		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015		<0.015	
3546/DRO	TPH (GC/RID) High Fraction	mg/kg		<4.0		<4.0		<4.0		<4.0		<4.0		<4.0		<4.0		<4.0		2000		<4.0		<4.0		<4.0		<4.0		37	
8270C-SIM	Anthracene	mg/kg	1000	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Acenaphthene	mg/kg	1000	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Acenaphthylene	mg/kg		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Benzo(a)anthracene	mg/kg	0.22	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Benzo(a)pyrene	mg/kg	0.022	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Benzo(b)fluoranthene	mg/kg	0.22	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Benzo(g,h,i)perylene	mg/kg		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Benzo(k)fluoranthene	mg/kg	2.2	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Chrysene	mg/kg	22	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Dibenz(a,h)anthracene	mg/kg	0.022	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Fluoranthene	mg/kg	1000	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Fluorene	mg/kg	1000	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		0.0071	
8270C-SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.22	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	Naphthalene	mg/kg	23	<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		0.056	
8270C-SIM	Phenanthrene	mg/kg		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		0.015	
8270C-SIM	Pyrene	mg/kg	1000	<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060		<0.0060	
8270C-SIM	1-Methylnaphthalene	mg/kg		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		0.038	
8270C-SIM	2-Methylnaphthalene	mg/kg		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		0.061	
8270C-SIM	2-Chloronaphthalene	mg/kg		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020		<0.020	

Notes

Report generated on: 01-Jan-14 at: 10:30 AM

Qualifiers:

(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Table 1 - Analytical Data Summary

Client Sample ID				S-16		S-17	
Collect Date				12/18/2013		12/18/2013	
Method	Parameter	Units	COGCC Table 910.5	Value	Qual	Value	Qual
3060A/7196A	Chromium, Hexavalent	mg/kg	23	<2.0		<2.0	
Calc.	Chromium, Trivalent	mg/kg	120000	2		2.6	
2580 B-2011	ORP	mV		180		180	
9045D	pH	su		8.4		8.4	
Calc.	Sodium Adsorption Ratio			9.1		9	
9050AMod	Specific Conductance	umhos/cm		400		500	
7471	Mercury	mg/kg	23	<0.020		<0.020	
6010B	Arsenic	mg/kg	0.39	1.6		<1.0	
6010B	Barium	mg/kg	15000	200		220	
6010B	Cadmium	mg/kg	70	<0.25		<0.25	
6010B	Chromium	mg/kg		2		2.6	
6010B	Copper	mg/kg	3100	20		40	
6010B	Lead	mg/kg	400	8.5		12	
6010B	Nickel	mg/kg	1600	3.8		3.7	
6010B	Selenium	mg/kg	390	3.2		2.2	
6010B	Silver	mg/kg	390	<0.50		<0.50	
6010B	Zinc	mg/kg	23000	52		44	
9015D/GRO	TPH (GC/FID) Low Fraction	mg/kg		<0.50		<0.50	
8260B	Benzene	mg/kg	0.17	<0.0050		<0.0050	
8260B	Toluene	mg/kg	85	<0.025		<0.025	
8260B	Ethylbenzene	mg/kg	100	<0.0050		<0.0050	
8260B	Total Xylenes	mg/kg		<0.015		<0.015	
3546/DRO	TPH (GC/FID) High Fraction	mg/kg		<4.0		<4.0	
8270C-SIM	Anthracene	mg/kg	1000	<0.0060		<0.0060	
8270C-SIM	Acenaphthene	mg/kg	1000	<0.0060		<0.0060	
8270C-SIM	Acenaphthylene	mg/kg		<0.0060		<0.0060	
8270C-SIM	Benzo(a)anthracene	mg/kg	0.22	<0.0060		<0.0060	
8270C-SIM	Benzo(a)pyrene	mg/kg	0.022	<0.0060		<0.0060	
8270C-SIM	Benzo(b)fluoranthene	mg/kg	0.22	<0.0060		<0.0060	
8270C-SIM	Benzo(g,h,i)perylene	mg/kg		<0.0060		<0.0060	
8270C-SIM	Benzo(k)fluoranthene	mg/kg	2.2	<0.0060		<0.0060	
8270C-SIM	Chrysene	mg/kg	22	<0.0060		<0.0060	
8270C-SIM	Dibenz(a,h)anthracene	mg/kg	0.022	<0.0060		<0.0060	
8270C-SIM	Fluoranthene	mg/kg	1000	<0.0060		<0.0060	
8270C-SIM	Fluorene	mg/kg	1000	<0.0060		<0.0060	
8270C-SIM	Indeno(1,2,3-cd)pyrene	mg/kg	0.22	<0.0060		<0.0060	
8270C-SIM	Naphthalene	mg/kg	23	<0.020		<0.020	
8270C-SIM	Phenanthrene	mg/kg		<0.0060		<0.0060	
8270C-SIM	Pyrene	mg/kg	1000	<0.0060		<0.0060	
8270C-SIM	1-Methylnaphthalene	mg/kg		<0.020		<0.020	
8270C-SIM	2-Methylnaphthalene	mg/kg		<0.020		<0.020	
8270C-SIM	2-Chloronaphthalene	mg/kg		<0.020		<0.020	

Notes

Report generated on: 01-Jan-14 at: 10:30 AM

Qualifiers:

- 0 (ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Client Sample ID				1-34	
Collect Date				12/18/2013	
Method	Parameter	Units	COGCC Table 910.6W	Value	Qual
9056	Chloride	mg/l		450	
9056	Sulfate	mg/l		<5.0	
2540 C-2011	Dissolved Solids	mg/l		2300	
8260B	Benzene	mg/l	0.005	0.002	
8260B	Toluene	mg/l	0.56	<0.0050	
8260B	Ethylbenzene	mg/l	0.7	<0.0010	
8260B	Total Xylenes	mg/l	1.4	<0.0030	

Notes

Report generated on: 01-Jan-14 at: 10:34 AM