

Mr. Aaron Hamilton
Region Production Manager
Cimarex Energy Company
600 N. Marienfeld St.
Suite 600
Midland, Texas 79701

RECEIVED

8 June 2009

JUN 11 2009

HOBBSOCD

Mr. Larry Johnson
OIL CONSERVATION DIVISION
1625 N. French Drive
Hobbs, NM 88240

Re: Riddle 1 State Com. No. 1 Installation of MW5 / P&A RW1
(API No.: 30-025-36232) U/L A S1 T22S R34E, 660' FNL and 1090' FEL

Dear Mr. Johnson:

On 14 May 2009 Cimarex installed a new monitoring well (MW5), replacing the existing recovery well (RW1) which was not functional due to its location. The old and new wells lie 353' apart at 274 degrees with an increase of 6' in elevation, as follows:

Old Well: RW1: N32° 25.598', W103 25.146' Elevation 3,603'
New Well: MW1: N32° 25.611', W103 25.213' Elevation 3,609'

The MW5 was drilled to 55' TD with the screen set at 38.5' in groundwater. During the sampling process, samples were taken at 5' increments to a depth of 55'. These background samples were sent to Trace Analytical Labs in Lubbock, Texas to establish soil conditions at the time of well placement. These soil analyticals, therefore, represent the background condition. Groundwater samples were also taken after installation of the screen, one at 30 minutes and the second at one hour. Sample results accompanying this report show no elevated chloride levels within 1 hour after the screen had been set in groundwater (see Exhibit 1).

The New Mexico Oil Conservation Division (NMOCD) and Cimarex worked jointly on all infield placement, installation, geological and topographical conditions associated with the (1) location of the Monitoring Well No. 5 (MW5) (2) plugging and abandonment of the existing, improperly placed Recovery Well No. 1 (RW1) and (3) sampling of both the downhole boring material and the groundwater itself.

Concluding infield installation and sampling, Cimarex shall obtain groundwater samples on or before the 14th of each month for a period of 3 months. Predicated upon analytical results at the close of this 90 day period, Cimarex intends to request permanent cessation of the monitoring well field on the Riddle 1. At this time, a final report on the status of this field will be made to the

NMOCD. Theoretically, cessation of this monitoring well field operation should be possible by the end of August 2009. Current water chloride levels are showing 51.4 and 51.7 mg/L) which are attached to this transmittal. Photographs of the infield operation have been submitted separately to NMOCD for their files.

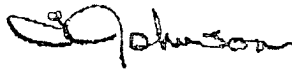
At this time, Cimarex would also like to take this opportunity to extend their appreciation to you and NMOCD for your assistance with the Riddle 1 monitoring well field associated with the Riddle 1.

Should you have questions please contact me at 432-571-7800.

Sincerely,



Aaron Hamilton
Region Production Manager



ENVIRONMENTAL ENGINEER

NMOCD District 1

6.11.09

Client:	Cimarex		Well Description:	Schematic Drawing of Well Construction for Monitor Well
Project Name:				
Location:	Riddle 1 State Com #1 - Lea County, NM			

Depth (feet)	Comments:		Material Descriptions:
0.0	Gound water was 39.5' BGS on 5/14/2009	<p>Four inch PVC Casing</p>	Cement, 0-2 feet
1.0			
3.0			
5.0			
7.0			
9.0			
11.0			
13.0			
15.0			
17.0			
19.0			
21.0			
23.0			
25.0			
27.0			
29.0			
31.0			
33.0			
35.0			
37.0			
39.0			
41.0			
43.0			
45.0			Sand, 32'-55' Screen, 35'-55'
47.0			
49.0			
51.0			
53.0			
55.0			

Harrison & Cooper, Inc. P.O. Box 96 Wolforth, Texas 79382	MW-5	14-May-09
	Monitoring Well Boring	

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Report Date: May 20, 2009
Riddle State #1

Work Order: 9051809
MW #5 Delineation

Page Number: 1 of 1

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Summary Report

Cheryl Winkler
Cimarex-Midland
508 W. Wall Street #600
Midland, TX 79701

Report Date: May 20, 2009

Work Order: 9051809



Project Name: MW #5 Delineation
Project Number: Riddle State #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
196175	Water @ 30 min.	water	2009-05-14	11:55	2009-05-18
196176	Water @ 1 hour	water	2009-05-14	12:25	2009-05-18

Sample: 196175 - Water @ 30 min.

Param	Flag	Result	Units	RL
Chloride		51.7	mg/L	2.50

Sample: 196176 - Water @ 1 hour

Param	Flag	Result	Units	RL
Chloride		51.4	mg/L	2.50

Report Date: May 20, 2009
Riddle State #1

Work Order: 9051809
MW #5 Delineation

Page Number: 1 of 3

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Summary Report



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Aaron Hamilton
Cimarex-Midland
508 W. Wall Street #600
Midland, TX 79701

Report Date: May 20, 2009

Work Order: 9051809



Project Name: MW #5 Delineation
Project Number: Riddle State #1

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
196162	@ 5'	soil	2009-05-14	09:30	2009-05-18
196163	@ 10'	soil	2009-05-14	09:35	2009-05-18
196164	@ 15'	soil	2009-05-14	09:40	2009-05-18
196165	@ 20'	soil	2009-05-14	09:45	2009-05-18
196166	@ 25'	soil	2009-05-14	09:50	2009-05-18
196167	@ 30'	soil	2009-05-14	09:55	2009-05-18
196168	@ 35'	soil	2009-05-14	10:00	2009-05-18
196169	@ 40'	soil	2009-05-14	10:05	2009-05-18
196170	@ 45'	soil	2009-05-14	10:10	2009-05-18
196171	@ 50'	soil	2009-05-14	10:15	2009-05-18
196172	@ 55'	soil	2009-05-14	10:20	2009-05-18
196173	S Half Bkg. comp.	soil	2009-05-14	10:30	2009-05-18
196174	N Half Bkg. comp.	soil	2009-05-14	10:45	2009-05-18
196175	Water @ 30 min.	water	2009-05-14	11:55	2009-05-18
196176	Water @ 1 hour	water	2009-05-14	12:25	2009-05-18

Sample: 196162 - @ 5'

Param	Flag	Result	Units	RL
Chloride		<97.5	mg/Kg	3.25

Sample: 196163 - @ 10'

Param	Flag	Result	Units	RL
Chloride		481	mg/Kg	3.25

Report Date: May 20, 2009
Riddle State #1

Work Order: 9051809
MW #5 Delineation

Page Number: 2 of 3

Sample: 196164 - @ 15'

Param	Flag	Result	Units	RL
Chloride		192	mg/Kg	3.25

Sample: 196165 - @ 20'

Param	Flag	Result	Units	RL
Chloride		289	mg/Kg	3.25

Sample: 196166 - @ 25'

Param	Flag	Result	Units	RL
Chloride		674	mg/Kg	3.25

Sample: 196167 - @ 30'

Param	Flag	Result	Units	RL
Chloride		481	mg/Kg	3.25

Sample: 196168 - @ 35'

Param	Flag	Result	Units	RL
Chloride		<97.5	mg/Kg	3.25

Sample: 196169 - @ 40'

Param	Flag	Result	Units	RL
Chloride		1150	mg/Kg	3.25

Sample: 196170 - @ 45'

Param	Flag	Result	Units	RL
Chloride		289	mg/Kg	3.25

Sample: 196171 - @ 50'

Param	Flag	Result	Units	RL
Chloride		<97.5	mg/Kg	3.25

Report Date: May 20, 2009
Riddle State #1

Work Order: 9051809
MW #5 Delineation

Page Number: 3 of 3

Sample: 196172 - @ 55'

Param	Flag	Result	Units	RL
Chloride		<97.5	mg/Kg	3.25

Sample: 196173 - S Half Bkg. comp.

Param	Flag	Result	Units	RL
Chloride		<97.5	mg/Kg	3.25

Sample: 196174 - N Half Bkg. comp.

Param	Flag	Result	Units	RL
Chloride		772	mg/Kg	3.25

Sample: 196175 - Water @ 30 min.

Param	Flag	Result	Units	RL
Chloride		51.7	mg/L	2.50

Sample: 196176 - Water @ 1 hour

Param	Flag	Result	Units	RL
Chloride		51.4	mg/L	2.50