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March 11, 2008

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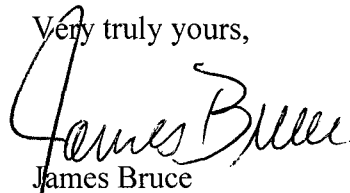
Mark E. Fesmire, P.E.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Case No. 13870 (*de novo*)/Application of Quest Cherokee, LLC for
approval of an application for permit to drill, Lea County, New Mexico

Dear Mr. Fesmire:

Enclosed are six copies of Quest Exhibit 6, which it may use at the hearing.

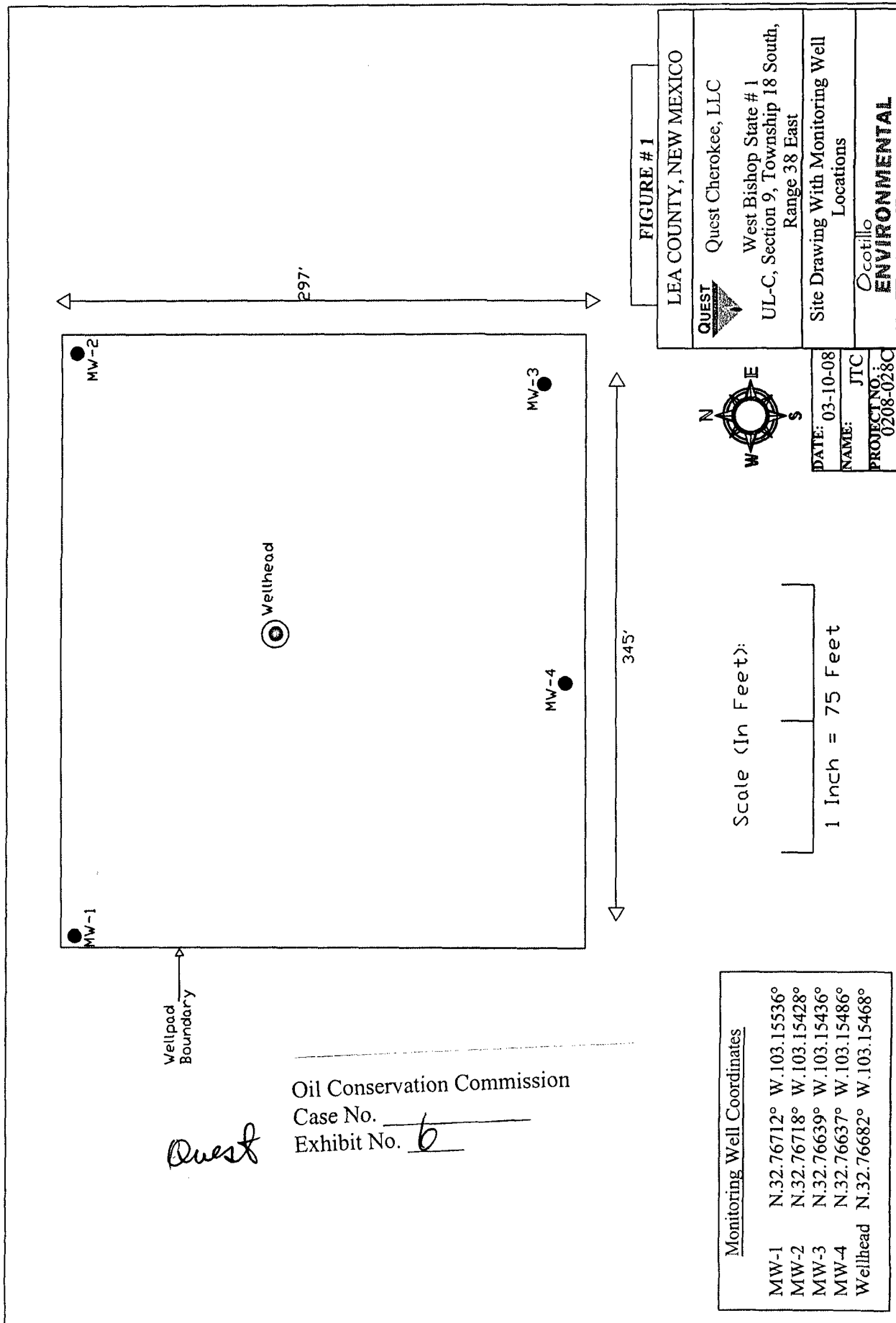
Very truly yours,



James Bruce

Attorney for Quest Cherokee, LLC

cc: Michael Newell w/encl. (via fax)



Client: Quest Cherokee, LLC

Log: MW-1

Project: West Bishop State #1

Page: 1 of 1

Project No.: 0208-028C

Location: UL-C. Sec. 9, T18S, R38E, Lea Co., NM

Geologist: C. Crain

Depth	Symbol	Description	Number	Type	Recovery	PID (ppm)			Well Construction	Well Completion Details
						2.5	5	7.5		
0		Ground Surface								
5		Caliche Pinkish White indurated quartz sand, dry.								Above ground lacking steel surface completion
10										0-2' bgs: Cement
15										
20										2-71' bgs: Cement-Bentonite Grout
25										
30		Silty Sand Light Reddish Brown quartz sand, fine grained, well sorted, loose, dry.								
35										
40		Damp at 83' bgs.								0 - 77' bgs: 2" PVC casing
45										
50										
55										
60										
65										
70										71-74' bgs: Bentonite Pellets
75										
80										77 - 97' bgs: 2" Threaded, Slotted PVC Screen
85										Water Level (3/7/08): 83.2' bbs
90										74-97' bgs: Silica Sand
95										PVC Cap
00		TD at 97' bgs								

Ocotillo Environmental,
LLC
2125 French Drive
Hobbs, New Mexico 88240
(505) 393-6371

Drill Method: Air Rotary

Elevation: NA

Drill Date: 3/4/08

Checked by: CKC

Well Size: 2"

Drilled by: Scarborough Drilling

Client: Quest Cherokee, LLC

Log: MW-2

Project: West Bishop State #1

Page: 1 of 1

Project No.: 0208-028C

Location: UL-C, Sec. 9, T18S, R38E, Lea Co., NM

Geologist: C. Crain

Depth	Symbol	Description	Number	Type	Recovery	PID (ppm)			Well Construction	Well Completion Details
						2.5	5	7.5		
0		Ground Surface								
5		Caliche Pinkish White indurated quartz sand, dry.								Above ground locking steel surface completion
10										0-2' bgs: Cement
15										
20										2-64' bgs: Cement-Bentonite Grout
25										
30		Silty Sand Light Reddish Brown quartz sand, fine grained, well sorted, loose, dry.								
35										
40		Damp at 62' bgs.								0 - 70' bgs: 2" PVC casing
45										
50										
55										
60										64-67' bgs: Bentonite Pellets
65										
70										
75										70 - 90' bgs: 2" Threaded, Slotted PVC Screen
80										
85										Water Level (3/7/08): 83.5' btoc
90										67-90' bgs: Silica Sand
95										PVC Cap
100		TD at 100' bgs								

Ocotillo Environmental,
LLC

Drill Method: Air Rotary

2125 French Drive
Hobbs, New Mexico 88240
(505) 393-6371

Elevation: NA

Drill Date: 3/4/08

Checked by: CKC

Well Size: 2"

Drilled by: Scarborough Drilling

Client: Quest Cherokee, LLC

Log: MW-3

Project: West Bishop State #1

Page: 1 of 1

Project No.: 0208-028C

Location: UL-C, Sec. 9, T18S, R38E, Lea Co., NM

Geologist: C. Crain

Depth	Symbol	Description	Number	Type	Recovery	PID (ppm)			Well Construction	Well Completion Details
						2.5	5	7.5		
0		Ground Surface								
5		Caliche Pinkish White Indurated quartz sand, dry.								Above ground locking steel surface completion
10										0-2' bgs: Cement
15										
20										2-64' bgs: Cement-Bentonite Grout
25										
30		Silty Sand Light Reddish Brown quartz sand, fine grained, well sorted, loose, dry.								
35										
40		Damp at 79' bgs.								0 - 70' bgs: 2" PVC casing
45										
50										
55										
60										
65										64-67' bgs: Bentonite Pellets
70										
75										70 - 90' bgs: 2" Threaded, Slotted PVC Screen
80										
85										Water Level (3/7/08): 84.0' btlc
90										67-90' bgs: Silica Sand
95		TD at 90' bgs								PVC Cap

Ocotillo Environmental.

LLC

2125 French Drive
Hobbs, New Mexico 88240
(505) 393-8371

Drill Method: Air Rotary

Elevation: NA

Drill Date: 3/5/08

Checked by: CKC

Well Size: 2"

Drilled by: Scarborough Drilling

Client: Quest Cherokee, LLC

Log: MW-4

Project: West Bishop State #1

Page: 1 of 1

Project No.: 0208-028C

Location: UL-C, Sec. 9, T18S, R38E, Lea Co., NM

Geologist: C. Crain

Depth	Symbol	Description	Number	Type	Recovery	PID (ppm)			Well Construction	Well Completion Details
						2.5	5	7.5		
0		Ground Surface								
5		Caliche Pinkish White indurated quartz sand, dry.	1	II						Above ground locking steel surface completion
10			2	II						0-2' bgs: Cement
15			3	II						
20			4	II						2-64' bgs: Cement-Bentonite Grout
25			5	II						
30		Silty Sand Light Reddish Brown quartz sand, fine grained, well sorted, loose, dry.	6	II						
35										
40		Damp at 79' bgs.	7	II						0 - 70' bgs: 2" PVC casing
45										
50			8	II						
55										
60			9	II						64-67' bgs: Bentonite Pellets
65										
70			10	II						70 - 90' bgs: 2" Threaded, Slotted PVC Screen
75										
80			11	II						Water Level (3/7/08): 83.4' bloc
85										67-90' bgs: Silica Sand
90		TD at 90' bgs								PVC Cap
95										

Ocotillo Environmental,
LLC
2125 French Drive
Hobbs, New Mexico 88240
(505) 393-6371

Drill Method: Air Rotary

Elevation: NA

Drill Date: 3/5/08

Checked by: CKC

Well Size: 2"

Drilled by: Scarborough Drilling



**ARDINAL
LABORATORIES**

PHONE (575) 393-2328 • 101 E. MARLAND • HOBBS, NM 88240

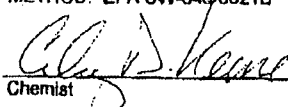
ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P.O. BOX 1816
HOBBS, NM 88241
FAX TO: (432) 272-0304

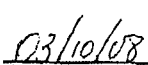
Receiving Date: 03/06/08
Reporting Date: 03/10/08
Project Owner: QUEST (028-028C)
Project Name: CHEROKEE WEST BISHOP STATE #1
Project Location: HOBBS, NM

Sampling Date: 03/05/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: AB/CK

LAB NO.	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		03/06/08	03/06/08	03/06/08	03/06/08
H14391-1	BH-4 (5-7')	<0.001	<0.001	<0.001	<0.003
H14391-2	BH-4 (10-12')	<0.001	<0.001	<0.001	<0.003
H14391-3	BH-4 (15-17')	<0.001	<0.001	<0.001	<0.003
H14391-4	BH-4 (20-22')	<0.001	<0.001	<0.001	<0.003
H14391-5	BH-4 (25-27')	<0.001	<0.001	<0.001	<0.003
H14391-6	BH-4 (30-32')	<0.001	<0.001	<0.001	<0.003
H14391-7	BH-4 (40-42')	<0.001	<0.001	<0.001	<0.003
H14391-8	BH-4 (50-52')	<0.001	<0.001	<0.001	<0.003
H14391-9	BH-4 (60-62')	<0.001	<0.001	<0.001	<0.003
H14391-10	BH-4 (70-72')	<0.001	<0.001	<0.001	<0.003
H14391-11	BH-4 (80-82')	<0.001	<0.001	<0.001	<0.003
Quality Control		0.098	0.092	0.086	0.274
True Value QC		0.100	0.100	0.100	0.300
% Recovery		97.7	92.4	86.1	91.3
Relative Percent Difference		1.7	1.4	1.0	1.0

METHOD: EPA SW-846-8021B


Chemist


Date

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. ~~H14391-6 (03/06/08)~~ shall be liable for incident or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
OCOTILLO ENVIRONMENTAL, LLC
ATTN: CINDY CRAIN
P.O. BOX 1816
HOBBS, NM 88241
FAX TO: (432) 272-0304

Receiving Date: 03/06/08
Reporting Date: 03/07/08
Project Owner: QUEST (028-028C)
Project Name: CHEROKEE WEST BISHOP STATE #1
Project Location: HOBBS, NM

Sampling Date: 03/05/08
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: ML
Analyzed By: CK/HM

LAB NUMBER	SAMPLE ID	GRO	DRO	CI*
		(C ₆ -C ₁₀) (mg/kg)	(C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		03/07/08	03/07/08	03/06/08
H14391-1	BH-4 (5-7')	<10.0	<10.0	<16
H14391-2	BH-4 (10-12')	<10.0	<10.0	<16
H14391-3	BH-4 (15-17')	<10.0	<10.0	<16
H14391-4	BH-4 (20-22')	<10.0	<10.0	<16
H14391-5	BH-4 (25-27')	<10.0	<10.0	<16
H14391-6	BH-4 (30-32')	<10.0	<10.0	16
H14391-7	BH-4 (40-42')	<10.0	<10.0	<16
H14391-8	BH-4 (50-52')	<10.0	<10.0	<16
H14391-9	BH-4 (60-62')	<10.0	<10.0	<16
H14391-10	BH-4 (70-72')	<10.0	<10.0	<16
H14391-11	BH-4 (80-82')	<10.0	<10.0	<16
Quality Control		599	537	490
True Value QC		500	500	500
% Recovery		120	107	98.0
Relative Percent Difference		9.4	1.7	<0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-CFB
*Analyses performed on 1:4 w:v aqueous extracts.

Chemist

Date

H14391TCL Ocotillo

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits, incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



CARDINAL LABORATORIES

101 East Merland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(805) 393-2328 FAX (805) 393-2478 (325) 873-7001 FAX (325) 873-7020

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 2

Company Name: <u>Cardinal Laboratories</u>		P.O. #:		ANALYSIS REQUEST													
Project Manager: <u>Andy Cain</u>		Company: <u>Devilla Environmental</u>															
Address: <u>P.O. Box 1816</u>		City: <u>Hobbs</u>		State: <u>NM</u>		Zip: <u>88240</u>		ADN: <u>Same</u>									
Phone #: <u>575 441-7214</u>		Fax #: <u>432 272-0304</u>		Project Owner: <u>Quest</u>													
Project #: <u>028-028C</u>		Project Location: <u>Cherokee Hwy Bishop State #1</u>		City: <u>Hobbs, NM</u>		State: <u>NM</u>		Zip: <u>88240</u>									
Sampler Name: <u>Linda Cain</u>		Phone #: <u>575 441-7214</u>		Fax #: <u>432 272-0304</u>													
Lab I.D.		Sample I.D.		MATRIX		PRESERVATION		DATE		TIME							
H14891-1		BA-A (5.7)		G 1		G 1		3/5/09		1154		✓		✓		✓	
-2		(10.12)		G 1		G 1		"		1104		✓		✓		✓	
-3		(15.17)		G 1		G 1		"		1110		✓		✓		✓	
-4		(20.20)		G 1		G 1		"		1115		✓		✓		✓	
-5		(25.27)		G 1		G 1		"		1254		✓		✓		✓	
-6		(30.32)		G 1		G 1		"		1300		✓		✓		✓	
-7		(40.42)		G 1		G 1		"		1308		✓		✓		✓	
-8		(50.52)		G 1		G 1		"		1315		✓		✓		✓	
-9		(60.62)		G 1		G 1		"		1328		✓		✓		✓	
-10		(70.72)		G 1		G 1		"		1344		✓		✓		✓	
Requisitioned By: <u>Andy Cain</u>		Date: <u>3/6/09</u>		Received By: <u>Linda Cain</u>		Date: <u>3/6/09</u>		Time: <u>1110</u>		Time: <u>1110</u>							
Delivered By: (Circle One) <u>Sample - 108</u> - Bus - Other:		Sample Condition: Cust. Intact ☒ Yes ☐ No		Checked By: (Initial) <u>LPC</u>													
Remarks:		Fax to (432) 272-0304															

* Cardinal cannot accept verbal changes. Please fax written changes to 805-393-2478

الحمد لله

EDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 2111 Beechwood, Abilene, TX 79603
(505) 393-2328 FAX (505) 393-2476 (326) 573-7001 FAX (326) 573-7030

† Cardinal cannot accept verbal changes. Please fax written changes to 508-393-2476