

**AP - 018**

**STAGE 1  
REPORT**

**11/29/2006**

AP018

2006 DEC 1 PM 1 33

November 29, 2006

NMOCD Environmental  
ATTN: Wayne Price  
1220 S. Saint Francis Drive  
Santa Fe, NM 87504

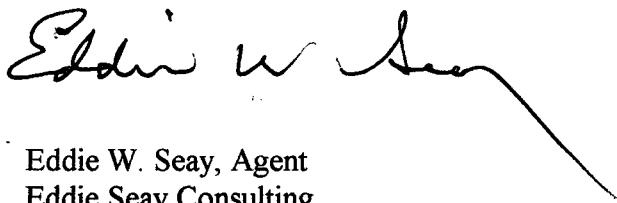
RE: Smith & Marrs  
SLJU  
Osborn Ranch

Mr. Price:

Attached are the analytical and data for the monitor wells drilled on the Osborn Ranch in Jal, NM. This is the third sampling with no change in analytical. At your earliest convenience, Smith & Marrs would like to discuss plugging of some or all of the monitor wells. Find attached analytical and data sheet for your review.

If you have any questions, please call.

Sincerely,



Eddie W. Seay, Agent  
Eddie Seay Consulting  
601 W. Illinois  
Hobbs, NM 88242  
(505)392-2236  
seay04@leaco.net







# ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

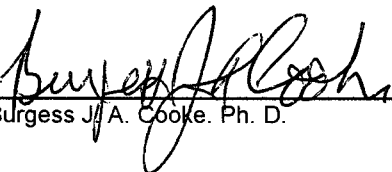
ANALYTICAL RESULTS FOR  
SMITH & MARRS  
ATTN: EDDIE SEAY  
601 W. ILLINOIS  
HOBBS, NM 88242  
FAX TO: (505) 392-6949

Receiving Date: 11/16/06  
Reporting Date: 11/22/06  
Project Number: NOT GIVEN  
Project Name: SOUTH LANGLIE JAL UNIT  
Project Location: LEA COUNTY, NM

Sampling Date: 11/16/06  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: BC  
Analyzed By: BC

LAB NO.	SAMPLE ID	GRO (C <sub>6</sub> -C <sub>10</sub> ) (mg/L)	DRO (>C <sub>10</sub> -C <sub>28</sub> ) (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE:		11/21/06	11/21/06	11/21/06	11/21/06	11/21/06	11/21/06
H11816-1	MONITOR WELL #2	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
H11816-2	MONITOR WELL #3	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
H11816-3	MONITOR WELL #4	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
H11816-4	MONITOR WELL #5	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
H11816-5	MONITOR WELL #6	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
H11816-6	MONITOR WELL #7	<5.0	<5.0	<0.002	<0.002	<0.002	<0.006
Quality Control		29.7	29.7	0.103	0.104	0.105	0.311
True Value QC		30.0	30.0	0.100	0.100	0.100	0.300
% Recovery		99.0	99.0	103	104	105	104.0
Relative Percent Difference		4.6	1.8	6.2	1.1	1.6	0.9

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

  
Burgess J. A. Cooke, Ph. D.

11/22/06  
Date

H11816A

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.



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ANALYTICAL RESULTS FOR  
 SMITH & MARRS  
 ATTN: EDDIE SEAY  
 601 W. ILLINOIS  
 HOBBS, NM 88242  
 FAX TO: (505) 392-6949

Receiving Date: 11/16/06  
 Reporting Date: 11/21/06  
 Project Number: NOT GIVEN  
 Project Name: SOUTH LAGLIE JAL UNIT  
 Project Location: LEA COUNTY, NM

Sampling Date: 11/16/06  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: BC  
 Analyzed By: HM

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Cl- (mg/L)
Analysis Date:		11/20/06	11/16/06
H11816-1	MONITOR WELL #2	753	144
H11816-2	MONITOR WELL #3	1525	488
H11816-3	MONITOR WELL #4	1585	528
H11816-4	MONITOR WELL #5	685	200
H11816-5	MONITOR WELL #6	739	96
H11816-6	MONITOR WELL #7	1610	512
Quality Control		NA	500
True Value QC		NA	500
% Recovery		NA	100
Relative Percent Difference		NA	0.0

METHOD: EPA 600/4-79-020	160.1	4500-CI-B
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*Burgess J. Reedy*  
 Chemist

11/21/06  
 Date

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**CARDINAL LABORATORIES, INC.**  
 2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240  
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

Page \_\_\_\_ of \_\_\_\_

Company Name: <u>Smith &amp; Marcus</u>		P.O. #: _____		<b>BILL TO</b>		ANALYSIS REQUEST																							
Project Manager: <u>Eddie Sery</u>		Company: <u>Eddie Sery</u>		Attn: _____																									
Address: _____		State: _____		Zip: _____																									
City: _____		Address: _____		City: <u>Hobbs, NM</u>																									
Phone #: _____		Fax #: _____		State: <u>NM</u>		Zip: _____																							
Project #: _____		Project Owner: _____		Phone #: <u>390 2454</u>		Fax #: _____																							
Project Name: <u>South Langley 1st Unit</u>		Project Location: <u>Lea County</u>		Sampler Name: <u>Rozanne Johnson</u>																									
FOR LAB USE ONLY																													
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX	PRESERV	SAMPLING	DATE	TIME	BTX + TPH	CHLORIDES	TOTAL Dis. Solids																			
		# CONTAINERS									GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE: <u>Neutral</u>	ICE/COOL	OTHER: <u>None</u>										
		<u>1</u>									<u>X</u>																		
		<u>3</u>									<u>X</u>																		
		<u>3</u>									<u>X</u>																		
		<u>3</u>									<u>X</u>																		
		<u>3</u>									<u>X</u>																		

**PLEASE NOTE:** Liability and Damages. Cardinal's liability and client's obligation remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 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 remedies or otherwise.

Terms and Conditions. Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

**Sampler Relinquished:** Date: 11-16-2006 Time: 14:50 Received By: \_\_\_\_\_  
 Relinquished By: \_\_\_\_\_ Date: 11-16-2006 Time: 2:50 Received By: Ed Sery

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other: \_\_\_\_\_

Sample Condition  
 Cool  Intact   
 Yes  No  Yes  No

CHECKED BY: \_\_\_\_\_ (Initials)

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.