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SITE REMEDIATION AND CLOSURE REPORT

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HURBOUCH

ENDEAVOR ENERGY RESOURCES, LP TERRA FEDERAL #1, API: 30-025-27245 LEA COUNTY, NEW MEXICO

Prepared For:

ENDEAVOR ENERGY RESOURCES, LP 110 N. MARIENFELD, SUITE 200 MIDLAND, TEXAS 79701

Prepared By:

SOUTH ENVIRONMENTAL SERVICES, INC 2400 S. LOOP 250 WEST MIDLAND, TEXAS 79703

JANUARY 2010

A Report Prepared for:

ENDEAVOR ENERGY RESOURCES, LP. 110 N. MARIENFELD, SUITE 200 MIDLAND, TEXAS 79701

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JAN 20 2010 HOBBSOCD

Prepared by:

Ronnie W. Nickell

Ronnie W. Mickell

SOUTH ENVIRONMENTAL SERVICES, INC 2400 S. LOOP 250 WEST MIDLAND, TEXAS 79703

JANUARY 2010

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1.0 INTRODUCTION

On behalf of Endeavor Energy Resources, LP. (ENDEAVOR), South Environmental Services, Inc. (SES) is pleased to submit this Site Remediation and Closure Report for the site known as Terra Federal #1, API: 30-025-27245, Lea County, New Mexico (the site). This report presents the results of the remedial actions performed at the above referenced site.

As previously reported, the Terra Federal #1 had a 120BBL leak caused by a rancher's livestock opening a valve onto surrounding areas on March 25, 2007 operated by ENDEAVOR. ENDEAVOR personnel immediately responded to the release by initiating shut-down procedures to terminate the flow. This report is provided to document response and remediation activities conducted at the site. A site location map is included in Figure 2, Attachment 2.

1.1 Purpose of Report

The purpose of this report is to present a summary of the completed field activities and results of remedial actions performed in order to facilitate regulatory closure of this site.

2.0 PROTOCOLS AND PROCEDURES

2.1 Site Remediation and Closure Activities

As illustrated in the attached Figures, the Excavation and Backfill procedures followed all applicable protocols and rules outlined in 19.15.17.10 NMAC. All impacted soil was excavated into five piles and placed onto temporary containment. Approximately 3,921 cubic yards of impacted soil was excavated and processed through a shredder with fertilizer. South Environmental Services, Inc. took special care to ensure all impacted soils were included in the excavation. Confirmation sampling took place to ensure no impacted soil had been left in place. All backfilled material was appropriate soil, clean and compacted. Re-Vegetation and Site Remediation procedures were followed.

3.0 CONFIRMATION SAMPLING

As illustrated in the attached figures, confirmation sampling took place after impacted material had been shredded and fertilized on-site. The confirmation samples were taken for each five stock piles and as well as a Bottom Hole sample. On October 9, 2008 a confirmation sampling event was conducted consisting of the collection of four (4) samples from 24 to 30 inches in depth. The confirmation samples were analyzed for Chlorides using EPA 4500-Cl-B to confirm remediation levels. Confirmation sampling locations are depicted in Attachment 2, Figure 2.

All four (4) of the confirmation samples collected (PILE #1, PILE #2, PILE #3, PILE #4) demonstrated Chloride concentrations below OCD regulatory limits (<500ppm), ranging from 80 mg/kg to 112 mg/kg. Laboratory data is included in Attachment 1, Table 1 and Attachment 5, Laboratory Analysis.

On January 15, 2009 an additional confirmation sampling event was conducted consisting of the collection of one (1) sample (following additional remediation). The confirmation sample (Processed Soil) was analyzed for TPH using EPA SW-846 8015M. The sample demonstrated TPH concentrations of 618 mg/kg. Confirmation sampling locations are depicted in Attachment 2, Figure 2.

On January 30, 2009 an additional confirmation sampling event was conducted consisting of the collection of one (1) sample (following additional remediation). The confirmation sample (H16787-1) was analyzed for TPH using EPA SW-846-8015M. The sample demonstrated TPH concentrations of 1190 mg/kg. Confirmation sampling locations are depicted in Attachment 2, Figure 2.

On February 11, 2009 an additional confirmation sampling event was conducted consisting of the collection of one (1) sample (following additional remediation). The confirmation sample (H16876-1) was analyzed for TPH using EPA SW-846-8015M. The sample demonstrated TPH concentrations of 808 mg/kg. Confirmation sampling locations are depicted in Attachment 2, Figure 2.

On March 27, 2009 an additional confirmation sampling event was conducted consisting of the collection of one (1) sample (following additional remediation). The confirmation sample (H17140-1 SM1) was analyzed for TPH using EPA SW-846-8015M. The sample demonstrated TPH concentrations of 272 mg/kg.

On April 6, 2009 an additional confirmation sampling event was conducted consisting of the collection of one (1) sample (following additional remediation). The confirmation sample (H17198-1) was analyzed for TPH using EPA SW-846-8015M. The sample demonstrated TPH concentrations of 822 mg/kg.

On May 13, 2009 an additional confirmation sampling event was conducted consisting of the collection of two (2) samples (following additional remediation). The confirmation samples (TC-1 and BG-1) was analyzed for TPH using EPA method SW-846-8015M and Chlorides using Method 4500-CIB. The samples demonstrated TPH concentrations of 457 mg/kg and 10.9 mg/kg and Chloride concentrations of 400 mg/kg and <16 mg/kg.

On July 22, 2009 an additional confirmation sampling event was conducted consisting of the collection of five (5) samples (following additional remediation). The confirmation samples (#1, #2, #3, #4, and #5) were analyzed for TPH using EPA method SW-846-8015M. The samples demonstrated TPH concentrations ranging from 231 mg/kg to 750 mg/kg.

The final confirmation samples (#1, #2, #3, #4, and #5) was collected on September 4, 2009, following additional remediation. The confirmation samples were analyzed for TPH using EPA method SW-846-8015M. The samples demonstrated TPH concentrations of 135 mg/kg to 328 mg/kg. Laboratory data is included in Attachment 1, Table 1, and Attachment 5, Laboratory analysis reports.

4.0 RE-VEGETATION

As illustrated, the re-vegetation took place with a minimum of 70% native perennial vegetative cover consisted of at least 3 native plant species, including at least one grass and no noxious weeds. Cover will be maintained through 2 successive growing seasons.

5.0 RECOMMENDATIONS

Based on the findings and results of the remedial actions described herewith, South Environmental request the OCD's concurrence that the site meets the conditions for final site closure, thus requiring no further corrective action by ENDEAVOR ENERGY. Upon OCD approval, the site will be restored as near as possible to the original site conditions as set out below.

- Remediated soils will be used in the construction of tank battery firewalls/containment berms and will be used to backfill excavation areas.
- The disturbed soils will be tilled and seeded to help minimize erosion and reestablish natural plant growth.

6.0 QA/QC PROCEDURES

6.1 Soil Sampling

Samples of subsurface soils were obtained utilizing proper EPA protocols and/or standards. Representative soil samples were collected using clean, disposable gloves and clean sampling tools. The soil sample was then placed in a sterile glass container equipped with a Teflon-lined lid furnished by the analytical laboratory. The container was filled to capacity to limit the amount of head-space present. Each container was labeled and placed on ice in an insulated cooler. Upon selection of samples for analysis, the cooler will be sealed for shipment to the laboratory. Proper chain-of-custody documentation will be maintained throughout the sampling and transportation process.

Soil samples were delivered to Cardinal Laboratories in Hobbs, NM for TPH and Chloride analyses using the methods described below. Soil samples were analyzed for TPH and Chloride within fourteen days following the collection date.

The soil samples were analyzed as follows:

- 1. TPH concentrations in accordance with modified Method SW-846 8015 M.
- 2. Chloride concentrations in accordance with Method 4500-Cl-B.

6.2 Laboratory Protocol

The laboratory will be responsible for proper QA/QC procedures. These procedures will either be transmitted with the laboratory reports or on file at the laboratory.

7.0 LIMITATIONS

South Environmental Services, Inc. has prepared this Site Remediation and Closure Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

South Environmental Services, Inc. has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. South Environmental Services, Inc. has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. South Environmental Services, Inc. has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. South Environmental Services, Inc. also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of ENDEAVOR ENERGY RESOURCES, LP. The information contained in this report including all exhibits and attachments, may not be used by any other party without the express consent of South Environmental Services, Inc. and/or ENDEAVOR ENERGY RESOURCES, LP.

Thank you for the assistance in this matter. If you have any questions or require additional information, please contact me at 432-425-8454.

Sincerely,

SOUTH ENVIRONMENTAL SERVICES, INC.

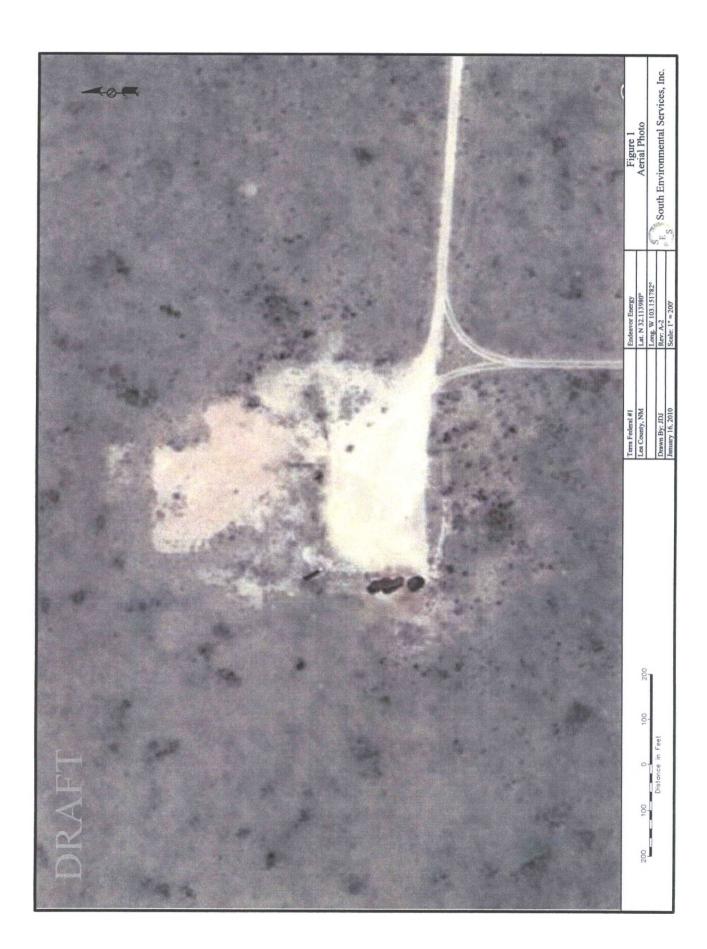
Ronnie W. Mickell Ronnie W. Nickell

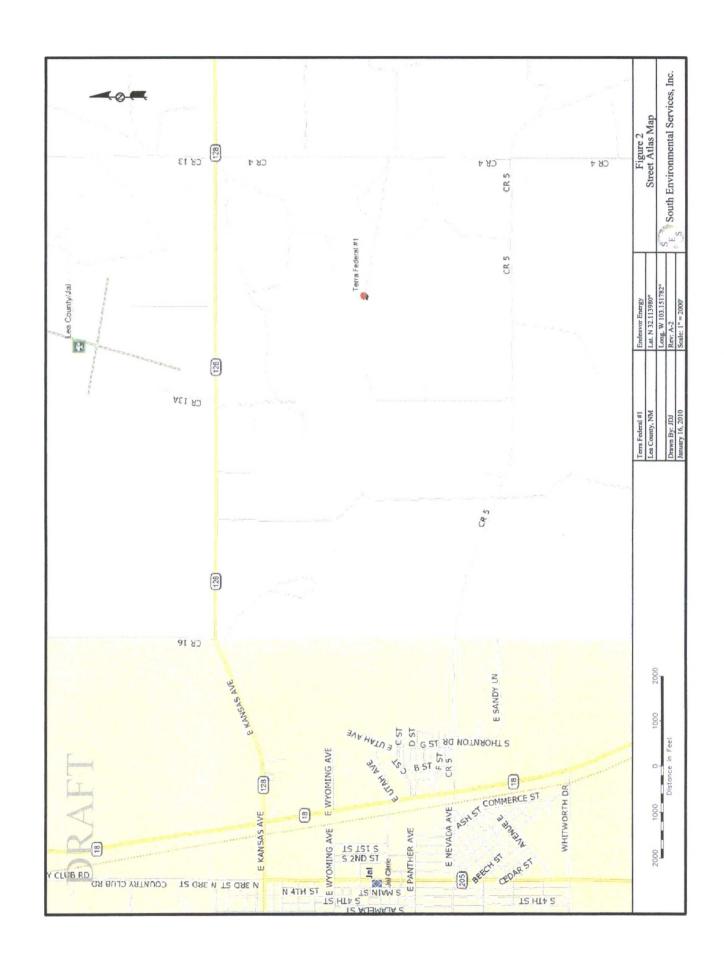
Sr. Project Manager

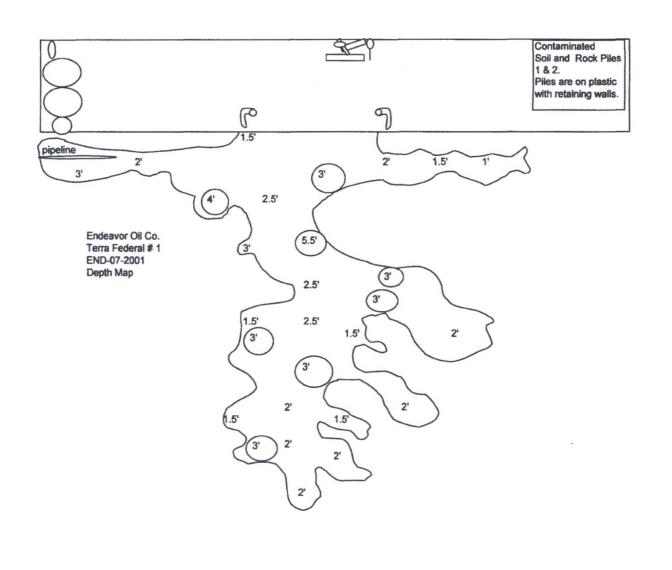
Cc: Endeavor Energy Resources, LP, Midland, Texas

Lea County, NM

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All concentrations are in mg/kg		SAMPLE	LOCATION		H16086-1 PILE #1	H16086-2 PILE #2	H16086-3 PILE #3	H16086-4 PILE #4	H16694-1 (Processed Soil)	H16787-1	H16876-1	H17140-1 SM1	H17198-1	H17417-1 TC-1	H17417-2 BG-1	H17857-1 #1	H17857-2 #2	H17857-3 #3	H17857-4 #4	H17857-5 #5	H18187-1 #1	H18187-2 #2	H18187-3 #3	H18187-4 #4	H18187-5 #5
		SAMPLE	DATE		10/9/2008				1/15/2009	1/30/2009	2/11/2009	3/27/2009	4/6/2009	5/13/2009		7/22/2009					9/4/2009				









New Mexico Office of the State Engineer Water Column/Average Depth to Water

		(q	uarte	ers a	re 1	I=NV	/ 2=NE	3=SW	4=SE)					
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CP 00121	СО	M LE	3	4	2	20	25S	37E	671745	3554823*	2620	510		
CP 00124	СО	M LE	1	4	2	20	25S	37E	671745	3555023*	2648	530		
CP 00506	DO	M LE			2	29	25S	37E	671673	3553509*	2871	425	200	225
CP 00120	CO	M LE	1	3	2	20	25S	37E	671343	3555016*	3044	460		
CP 00426	DO	M LE				20	25S	37E	671257	3554701*	3097	235	70	165
CP 00387 1	DO	M LE		3	2	29	25S	37E	671472	3553308*	3133	305	250	55
CP 00387 REPAR 1	DO	M LE		3	2	29	25S	37E	671472	3553308*	3133	305		
CP 00387 REPAR 2	DO	M LE		3	2	29	25S	37E	671472	3553308*	3133	422	210	212
CP 00777	DO	M LE	4	2	3	20	25S	37E	671148	3554407*	3205	100	28	72
CP 00487	DO	M LE		2	1	29	25S	37E	671063	3553703*	3393	421	250	171
CP 00428	DO	M LE			1	20	25S	37E	670841	3555104*	3553	90	60	30
CP 00619	DO	M LE		1	3	20	25S	37E	670647	3554501*	3703	48	25	23
CP 00638	DO	M LE		1	1	29	25S	37E	670661	3553696*	3786	380	187	193
CP 00620	DO	M LE	3	3	1	20	25S	37E	670539	3554802*	3820	59	25	34
CP 00661	DO	M LE	3	3	1	20	25S	37E	670539	3554802*	3820	38	23	15
CP 00557	DO	M LE	3	3	3	20	25S	37E	670553	3553997*	3837	350	42	308
CP 00844	ST	K LE		3	3	17	25S	37E	670626	3555707*	3901			
										Average	Depth to	Water:	114 fe	eet

Minimum Depth: 23 feet

Maximum Depth: 250 feet

Record Count: 17

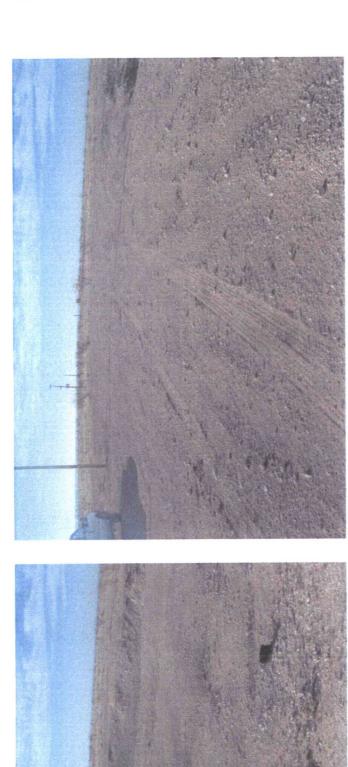
UTMNAD83 Radius Search (in meters):

Easting (X): 674350.6 Northing (Y): 3554546 Radius: 4000

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability for any particular purpose of the data.

^{*}UTM location was derived from PLSS - see Help



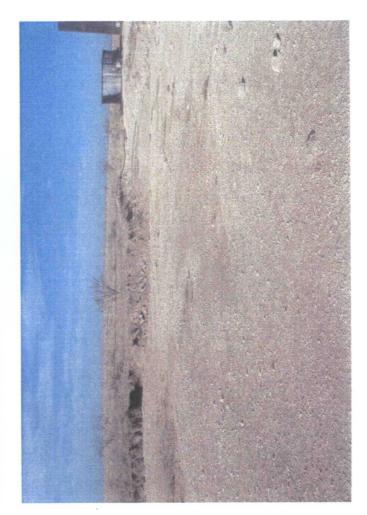


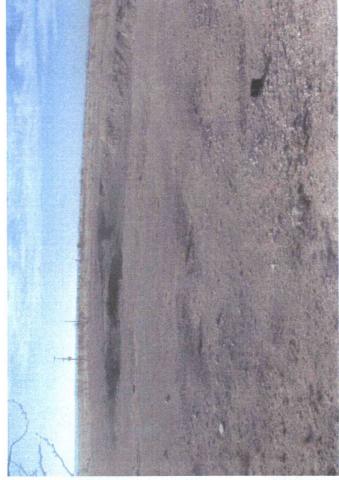
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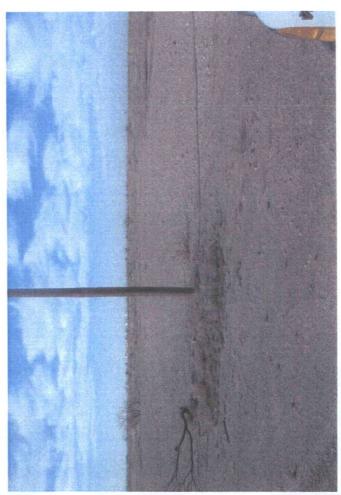
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ANALYTICAL RESULTS FOR SOUTH ENVIRONMENTAL SERVICES ATTN: MIKE NICHOLS

P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (575) 578-1031 & (432) 682-4182

Receiving Date: 10/09/08

Reporting Date: 10/10/08
Project Owner: NOT GIVEN

Project Name: TERRA FED #1
Project Location: JAL, NM

Analysis Dete: 10/10/08

Sampling Date: NOT GIVEN

Sample Type: SOIL

Sample Condition: INTACT Sample Received By: ML

Analyzed By: HM

LAB NO.	SAMPLE ID	C「 (mg/kg)
H16086-1	PILE #1	112
H16086-2	PILE #2	96
H16086-3	PILE#3	112
H16086-4	PILE #4	80
Quality Con	irol	500
Quality Con		500
	QC	500 500 100
True Value % Recovery	QC	500
True Value % Recovery Relative Per	QC	500 100

Note: Analyses performed on 1:4 w:v aqueous extracts.

Chemist Marino

10-10-08

Date

H16086 SOUTH ENV.

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† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476. Code Intect

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ANALYTICAL RESULTS FOR ENDEVOR ENERGY RESOURCES ATTN: RONNIE PRIOR P.O. BOX 11322 MIDLAND, TX 79702 FAX TO: (432) 682-3547

Receiving Date: 01/15/09 Reporting Date: 01/20/09

Project Owner: ENDEVOR

Project Name: TERRA FEDERAL #1

Project Location: LEA, NM

Sampling Date: 01/15/09

Sample Type: SOIL

Sample Condition: INTACT Sample Received By: ML

Analyzed By: AB

GRO

DRO

(C6-C10)

(>C10-C28)

LAB NUMBER SAMPLE ID

(mg/kg)

(mg/kg)

ANALYSIS DATE	01/19/09	01/19/09		
H16694-1 PROCESSED SOIL	<10.0	618		
		-		
		-		
Quality Control	440	490		
True Value QC	500	500		
% Recovery	88.0	98.0		
Relative Percent Difference	8.3	19.7		

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Lab Director

Date

H16694 T ENDEVOR

1	A ARDINAL LABORATORIES	101 East Marland, Hobbs, NM 88240
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Cardinal cannot accept verbal changes. Please tax written changes to 575-393-2476.



ANALYTICAL RESULTS FOR SOUTH ENVIRONMENTAL SERVICES.

ATTN: MIKE NICHOLS P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (432) 682-4182 & (575) 746-6534

Receiving Date: 01/30/09

Sampling Date: 01/30/09

Reporting Date: 02/02/09

Sample Type: SOIL

Project Owner: ENDEAVOR (1) Project Name: TERRA FEDERAL Sample Condition: INTACT Sample Received By: CK

Project Location: LEA COUNTY, NM

LAB NUMBER SAMPLE ID

Analyzed By: AB

GRO DRO (C6-C10) (>C10-C28) (mg/kg) (mg/kg)

ANALYSIS DATE	01/30/09	01/30/09
H16787-1 TERRA FEDERAL	<10.0	1,190
Quality Control	467	547
True Value QC	500	500
% Recovery	93.4	109
Relative Percent Difference	14.6	3.3

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

02/03/09

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101 East Marland, Hobbs, NM 88240

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ANALYTICAL RESULTS FOR ENDEAVOR ENERGY RESOURCES

ATTN: RONNIE PRIOR

P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (432) 682-3547 & (432) 682-4182

Receiving Date: 02/11/09

Reporting Date: 02/12/09 Project Number: FED #1

Project Name: TERRA Project Location: LEA, NM Sampling Date: 02/11/09

Sample Type: SOIL

Sample Condition: INTACT Sample Received By: ML

Analyzed By: AB

GRO

DRO

(C6-C10)

(>C10-C28)

LAB NUMBER

SAMPLE ID

(mg/kg)

(mg/kg)

ANALYSIS DATE		02/11/09	02/11/09
H16876-1 TEF	RRA FED #1	<10.0	808
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	-A		
Quality Control		532	535
True Value QC		500	500
% Recovery		106	107
Relative Percent Diffe	rence	3.0	6.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Lab Director

Date

H16876 T ENDEAVOR

101 East Marland, Hobbs, NM 88240 ARDINAL LABORATORIES

(575) 393-2326 Fax (575) 393-2476

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† Gardina) commit accept verbal changes. Please fax written changes to \$75,393-2476.

PHONE (575) 393-2326 • 101 E. MARLAND • HOBBS, NM 86240



ANALYTICAL RESULTS FOR ENDEAVOR ENERGY RESOURCES

ATTN: RONNIE PRIOR P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (432) 682-3547 & (432) 682-4182

Receiving Date: 03/27/09

Reporting Date: 03/30/09 Project Number: 1

Project Name: TERRA

Project Location: LEA COUNTY, NM

Sampling Date: 03/27/09

Sample Type: SOIL

Sample Condition: INTACT Sample Received By: ML

Analyzed By: AB

GRO

DRO

(C6-C10)

(>C10-C28)

LAB NUMBER SAMPLE ID

(mg/kg)

(mg/kg)

ANALYSIS DATE	03/28/09	03/28/09
H17140-1 SM 1	<10.0	272
		1
		1
Quality Control	439	461
True Value QC	500	500
% Recovery	87.8	92.2
Relative Percent Difference	1.3	1.3

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Lab Directo

03/30/09 Date

H17140 T ENDEAVOR

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(575) 393-2326 Fax (575) 393-2476 ARDINAL LABORATORIES
101 Eest Marland, Hobbs, NM 88240

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ANALYTICAL RESULTS FOR **ENDEAVOR ENERGY RESOURCES**

ATTN: BILL BOX P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (432) 682-4182 & (575) 746-6534

Receiving Date: 04/06/09 Reporting Date: 04/08/09

Project Number: 1

LAB NUMBER

Project Name: TERRA FED

Project Location: LEA COUNTY, NM

SAMPLE ID

Sampling Date: 04/06/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: CK

Analyzed By: AB

GRO DRO

(C6-C10) (>C10-C28)

(mg/kg)

(mg/kg)

ANALYSIS DATE	04/07/09	04/07/09
H17198-1 TERRA FED	<10.0	822
Quality Control	547	542
True Value QC	500	500
% Recovery	109	108
Relative Percent Difference	3.5	3.5

METHODS: TPH GRO & DRO: EPA SW-848 8015 M

04/02/09

H17198 T ENDEAVOR

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T Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2475.

** Not enough time to reach temperature.



ANALYTICAL RESULTS FOR ENDEAVOR ENERGY RESOURCES ATTN: MIKE NICKELL P.O. BOX 11322 MIDLAND, TX 79702 FAX TO: (432) 682-4182 & (575) 746-6534

Receiving Date: 05/13/09 Reporting Date: 05/15/09

Project Number: 1

LAB NUMBER

Project Name: TERRA FED 1

Project Location: LEA COUNTY, NM

SAMPLE ID

Sampling Date: 05/13/09 Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: ML Analyzed By: AB/HM

Analyzed by. ABIT

GRO DRO

(C6-C10) (>C10-C28) CI*

(mg/kg) (mg/kg) (mg/kg)

ANALYSIS DATE	05/14/09	05/14/09	05/14/09
H17417-1 TC-1	<10.0	457	400
H17417-2 BG-1	<10.0	10.9	<16
Quality Control	525	524	500
True Value QC	500	500	500
% Recovery	105	105	100
Relative Percent Difference	3.0	0.4	<0.1

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

Lab Director

05/18/09 Date

H17417 TCL ENDEAVOR

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim erieing, whether based in contract or tort, shell 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 demages, including, without limitetion, 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.

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(675) 393-2326 Fax (576) 393-2476

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1501-878-278



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

July 27, 2009

Bill Box Endeavor Energy Resources P.O. Box 11322 Midland, TX 79702

Re: Terra Federal

Enclosed are the results of analyses for sample number H17857, received by the laboratory on 07/22/09 at 11:59 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021 Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D/Keene Laboratory Director



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

ANALYTICAL RESULTS FOR ENDEAVOR ENERGY RESOURCES

ATTN: BILL BOX P.O. BOX 11322 MIDLAND, TX 79702

FAX TO: (432) 682-4182 & (575) 746-6534

Receiving Date: 07/22/09

Reporting Date: 07/27/09

Project Number: 1 (ENDEAVOR)

Project Name: TERRA FEDERAL
Project Location: LEA COUNTY, NM

Sampling Date: 07/22/09 Sample Type: SQIL

Sample Condition: COOL & INTACT @ 5°C

Sample Received By: ML

Analyzed By: AB

GRO DRO

 (C_6-C_{10}) (>C₁₀-C₂₈)

LAB NUMBER SAMPLE ID

(mg/kg) (mg/kg)

ANALYSIS DA	TE	07/23/09	07/23/09
H17857-1	#1	<10.0	231
H17857-2	#2	<10.0	294
H17857-3	#3	<10.0	226
H17857-4	#4	<10.0	750
H17857-5	#5	<10.0	537
Quality Contro		528	541
True Value Qu	<u> </u>	500	500
% Recovery		106	108
Relative Perce	ent Difference	6.3	2.9

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Reported on wet weight.

Lab Directo

Date

7/27/09

H17857 T ENDEAVOR

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101 East Marland, Hobbs, NM 88240 ARDINAL LABORATORIES

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1 Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476.

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ANALYTICAL RESULTS FOR ENDEAVOR ENERGY RESOURCES ATTN: RONNIE PRIOR P.O. BOX 11322 MIDLAND, TX 79702 FAX TO: (432) 682-4182 & (575) 748-6534

Receiving Date: 09/04/09 Reporting Date: 09/08/09

Project Number: FED # 1 (ENDEAVOR)

Project Name: TERRA

Project Location: LEA COUNTY, NM

Sampling Date: 09/04/09

Sample Type: SOIL

Sample Condition: COOL & INTACT @ 1.5°C

Sample Received By: CK

Analyzed By: CK

GRO DRO (C₆-C₁₀) (>C₁₀-C₂₈) (mg/kg) (mg/kg)

LAB NUMBER SAMPLE ID

ANALYSIS DATE 09/08/09 09/08/09 H18187-1 <10.0 135 H18187-2 #2 <10.0 300 H18187-3 #3 <10.0 273 H18187-4 #4 <10,0 326 H18187-5 <10.0 328 **Quality Control** 424 394 True Value QC 500 500 84.8 78.8 % Recovery Relative Percent Difference 3.2 4.5

METHODS: TPH GRO & DRO: EPA SW-846 8015 M

Reported on wet weight.

09/8/09 Date

H18187 T ENDEAVOR

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September 8, 2009

Rounie Prior Endeavor Energy Resources P.O. Box 11322 Midland, TX 79702

Re: Terra Fed #1

Enclosed are the results of analyses for sample number H18187, received by the laboratory on 09/04/09 at 10:45 am.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method SW-846 8260

Benzene, Toluene, Ethyl Benzene, and Total Xylenes

Method TX 1005

Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

Cardinal Laboratories is accredited though the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.2

Regulated VOCs (V2, V3)

Accreditation applies to public drinking water matrices.

Total Number of Pages of Report: 3 (includes Chain of Custody)

Sincerely

Celey D. Reene Laboratory Director



ANALYTICAL RESULTS FOR SOUTH ENVIRONMENTAL SERVICES ATTN: MIKE NICHOLS P.O. BOX 11322 MIDLAND, TX 79702

Receiving Date: 10/03/08

Reporting Date: 10/07/08
Project Number: NOT GIVEN
Project Name: NOT GIVEN

Project Location: NOT GIVEN

Sampling Date: NOT GIVEN

Sample Type: SOIL

Sample Condition: INTACT Sample Received By: ML

Analyzed By: AB

LAB NUMBER SAMPLE ID	GRO (C_6-C_{10}) (mg/kg)	DRO (>C ₁₀ -C ₂₈) (mg/kg)	TOTAL TPH (mg/kg)
ANALYSIS DATE	10/07/08	10/07/08	10/06/08
H16027-1 PILE #1	<25.0	485	2,770
H16027-2 PILE #2	<25.0	237	3,110
H16027-3 PILE #3	<25.0	55.6	472
H16027-4 PILE #4	<25.0	340	1,610
Quality Control	544	474	316
True Value QC	500	500	300
% Recovery	109	94.8	105
Relative Percent Difference	3.5	5.6	0.2

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; EPA 418.1

Chemist

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