

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-144
June 1, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

For drilling and production facilities, submit to
appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe
office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Final Report

Type of action: Registration of a pit or below-grade tank ☐ Closure of a pit or below-grade tank ☒

Operator: <u>Forest Oil Corporation</u> Telephone: <u>575-392-9797</u> e-mail address: <u>rmunoz@forestoil.com</u>		
Address: <u>3504 NW County Road Hobbs, NM 88240</u>		
Facility or well name: <u>Caprock Maljamar Unit #70</u> API #: <u>30-025-01490</u> U/L or Qtr/Qtr <u>J</u> Sec <u>20</u> T <u>17S</u> R <u>33E</u>		
County: <u>Lea</u> Latitude <u>32° 49.057' N</u> Longitude <u>103° 40.592' W</u> NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/>		
Surface Owner: Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Pit Type: Drilling <input type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input checked="" type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume _____ bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not. _____	
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water)	Less than 50 feet	(20 points)
	50 feet or more, but less than 100 feet	(10 points)
	100 feet or more	(0 points) XXX
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) XXX
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses)	Less than 200 feet	(20 points)
	200 feet or more, but less than 1000 feet	(10 points)
	1000 feet or more	(0 points) XXX
Ranking Score (Total Points)		0 points

If this is a pit closure: (1) Attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite ☒ offsite ☐ If offsite, name of facility _____. (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments: <u>Liner was excavated and the pit bottoms were sampled per NMOCD Guidelines All samples meet NMOCD standards for this site and the site was</u>
<u>Backfilled with clean native soil and contoured to the surrounding area.</u>

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 5-23-08

Printed Name/Title Logan Anderson - Agent

Signature 

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations

Approval:

Printed Name/Title _____

Signature 

ENVIRONMENTAL ENGINEER

Date: 7.8.08

Closure Report

Prepared for
Forest Oil Corporation
3504 NW County Road
Hobbs, NM 88240

Caprock Maljamar Unit #70

Lea County, NM
32° 49.057' N - 103° 40.592' W

Job Start Date : 3-26-08
Job Ending Date : 5-23-08

Prepared by
Elke Environmental, Inc.

La_elkeenv@yahoo.com
P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

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Elke Environmental, Inc.

P.O. Box 14167 Odessa, TX 79768
Phone (432) 366-0043 Fax (432) 366-0884

May 23, 2008

New Mexico Oil Conservation Division
Mr. Larry Johnson
1625 N. French Dr.
Hobbs, New Mexico 88240

Re: Forest Oil Corporation – Caprock Maljamar Unit #70
UL 'J' Sec. 20 T17S R33E Lea County, NM
API # 30-025-01490

Mr. Larry Johnson,

Elke Environmental was contracted by Forest Oil Corporation to complete the closure of the Caprock Maljamar Unit #70 workover pit. Upon review of the site no mud was found just a liner. The liner was removed and the pit bottoms and walls were sampled per NMOCD Guidelines. The samples meet NMOCD standards for the site. The site was backfilled with clean native soil and contoured to the surrounding area. If you have any questions about the enclosed report please contact me at the office.

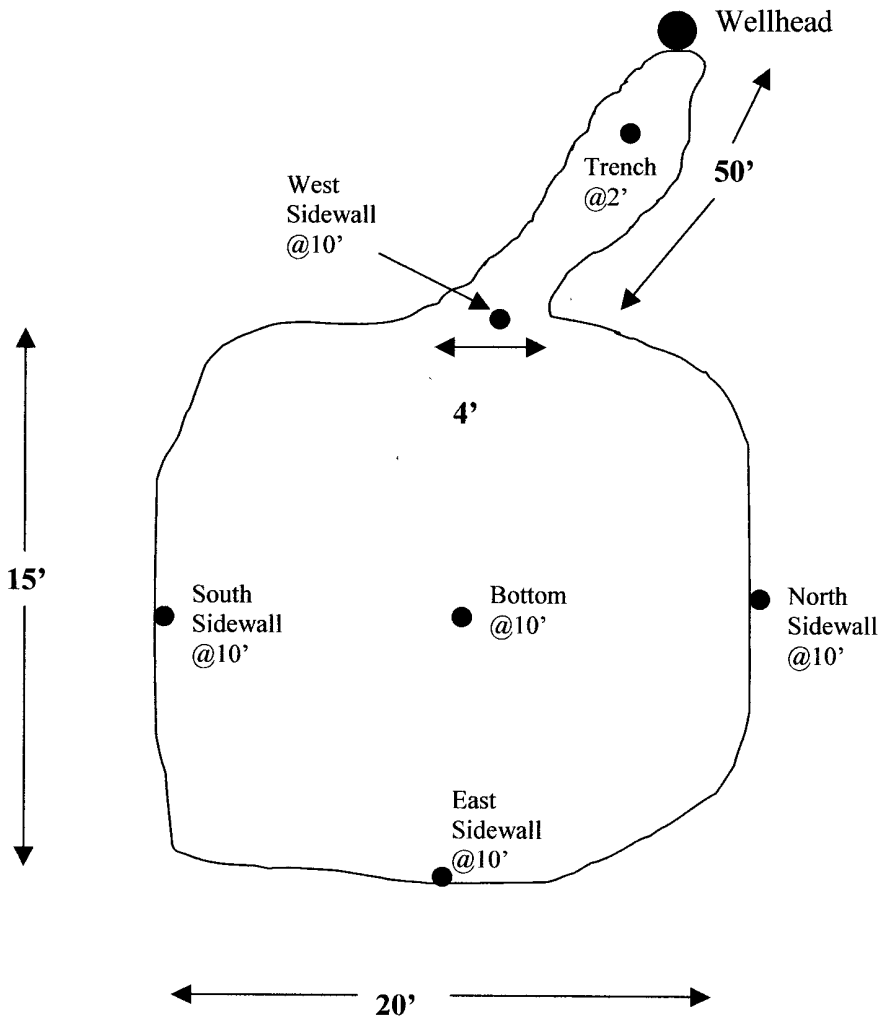
Sincerely,



Logan Anderson

Forest Oil Corporation
Caprock Maljamar Unit #56

Plat Map



**New Mexico Office of the State Engineer
POD Reports and Downloads**

Township: Range: Sections:

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic ☒ All

POD / SURFACE DATA REPORT 05/23/2008

DB File Nbr	(acre ft per annum)	Use	Diversion	Owner	POD Number	Source	Tws	Rng	Sec	q	q	q	Z
L 02875	PRO	3	WARREN & BRADSHAW EXP. &		L 02875	Shallow	17S	33E	20	2	2		
					L 02875 APPRO	Shallow	17S	33E	20	2	2		

Record Count: 2

Forest Oil – Caprock Maljamar Unit #70



Site before closure.

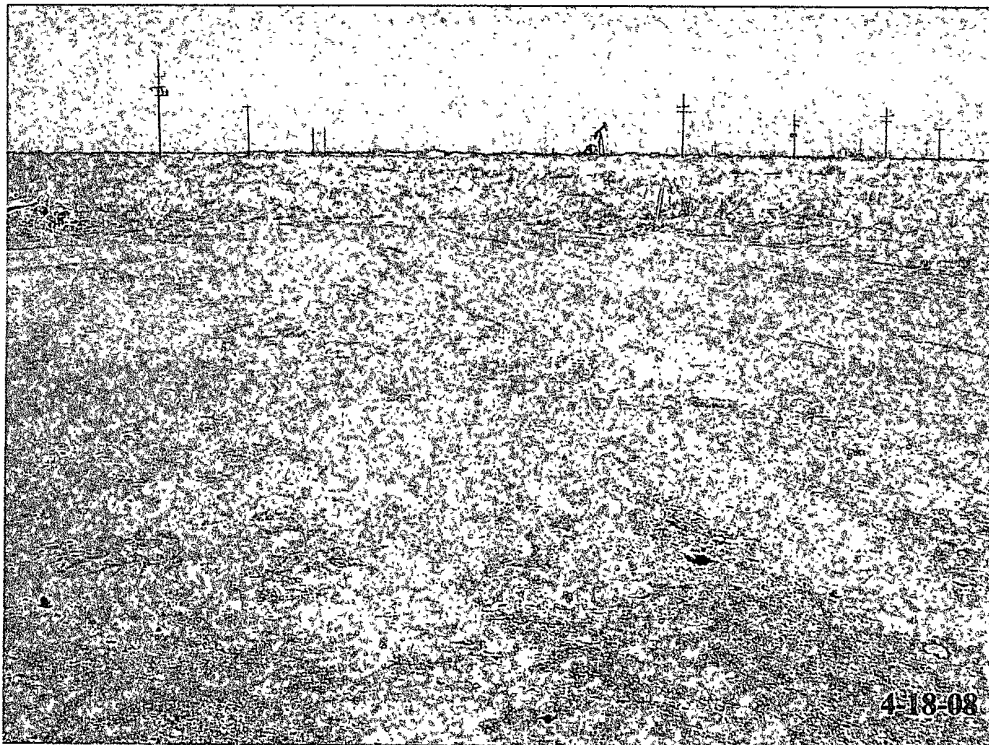


Site after sampling bottom and walls.

Forest Oil – Caprock Maljamar Unit #70



Site after removal of liner and sampling of bottom and walls.



Site after backfill and contouring to the area.



ARDINAL LABORATORIES

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

ANALYTICAL RESULTS FOR
ELKE ENVIRONMENTAL, INC.
ATTN: JERRY BRIAN
P.O. BOX 1830
HOBBS, NM 88241
FAX TO: (575) 738-0140


Receiving Date: 04/28/08
Reporting Date: 04/29/08
Project Owner: FOREST OIL
Project Name: NOT GIVEN
Project Location: CMU #70

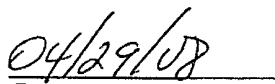
Sampling Date: 04/18/08
Sample Type: SOIL
Sample Condition: INTACT
Sample Received By: ML
Analyzed By: CK/KS

LAB NUMBER	SAMPLE ID	GRO	DRO	Cl*
		(C ₆ -C ₁₀) (mg/kg)	(>C ₁₀ -C ₂₈) (mg/kg)	(mg/kg)
ANALYSIS DATE		04/28/08	04/28/08	04/28/08
H14715-1	BOTTOM-10' BGS	<10.0	<10.0	160
H14715-2	N-SW-10' BGS	<10.0	<10.0	96
H14715-3	S-SW-10' BGS	<10.0	<10.0	64
H14715-4	E-SW-10' BGS	<10.0	<10.0	1,260
H14715-5	W-SW-10' BGS	<10.0	<10.0	288
H14715-6	TRENCH-2' BGS	<10.0	43.9	880
Quality Control		441	541	500
True Value QC		500	500	500
% Recovery		88.2	108	100
Relative Percent Difference		2.7	<0.1	2.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; Std. Methods 4500-Cl⁻B

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


Chemist


Date

H14715TCL ELKE


ANALYTICAL RESULTS FOR
 ELKE ENVIRONMENTAL, INC.
 ATTN: JERRY BRIAN
 P.O. BOX 1830
 HOBBS, NM 88241
 FAX TO: (575) 738-0140

 Receiving Date: 04/28/08
 Reporting Date: 05/01/08
 Project Owner: FOREST OIL
 Project Name: NOT GIVEN
 Project Location: CMU #70

 Sampling Date: 04/18/08
 Sample Type: SOIL
 Sample Condition: INTACT
 Sample Received By: ML
 Analyzed By: AB

LAB NUMBER	SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE		04/29/08	04/29/08	04/29/08	04/29/08
H14715-1	BOTTOM-10' BGS	<0.001	<0.001	<0.001	<0.003
H14715-2	N-SW-10' BGS	<0.001	<0.001	<0.001	<0.003
H14715-3	S-SW-10' BGS	<0.001	<0.001	<0.001	<0.003
H14715-4	E-SW-10' BGS	<0.001	<0.001	<0.001	<0.003
H14715-5	W-SW-10' BGS	<0.001	<0.001	<0.001	<0.003
H14715-6	TRENCH-2' BGS	<0.001	<0.001	<0.001	<0.003
Quality Control		0.096	0.096	0.095	0.291
True Value QC		0.100	0.100	0.100	0.300
% Recovery		96.5	95.6	95.2	97.1
Relative Percent Difference		0.5	1.4	2.4	0.2

METHOD: EPA SW-846 8021B


 Chemist

 05/01/08
 Date



2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
(325) 673-7001 Fax (325) 673-7020 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

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 the client for the 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 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.

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 collections, including attorney's fees.

Sample Relinquished: <i>4 Brini</i>		Date: 4/22/08	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Relinquished By:		Time: 8:00 AM	Received By: (Lab Staff)	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One) Sampler - UPS - Bus - Other:		Date: Time:	Sample Condition Temp. °C Intact? <input type="checkbox"/> Yes <input type="checkbox"/> No	REMARKS: TPH soil x 6 = 540 BTEX soil x 6 = 360 CI- soil x 6 = 150 \$1050 ⁰⁰
			Checked By: (Initials) <i>UAB</i>	

† Cardinal cannot accept verbal changes. Please fax written changes to (325) 673-7020.

Date: 3/11/2008 Time: 9:03 AM To: 2008111071 @ 915757380140

NMOC P.1/2

NEW MEXICO ONE CALL
Locate Request Confirmation

Ticket #:2008111071

Work to Begin Date:

03/13/2008

Reason Code:STANDARD LOCATE

Time: 08:54:00 AM

CALLER INFORMATION

JERRY BRIAN
ELKE ENVIRONMENTAL, INC

Excavator Type:CONTRACTOR
Tel.:(575)738-0138

DIG LOCATION

Forest

City:RURAL LEA

Subdivision:

Address : To:

Street : WELL CMU #70

Nearest Intersecting Street :

Second Intersecting Street :

Additional Dig Information:

EXCAVATION ON PIT CLOSURE]

FROM HOBBS INTERSEC OF W COUNTY RD AND 62/180 GO

W ON 62/180>11.97MI TO HWY 529 TR ON HWY 29 GO

0.45MI TO DOG LEG RD GO N 0.75MI ON DOG LEG RD

CR 125 THEN E 1.08MI TO HUMMING BIRD RD

Remarks: GO N 1.29MI TO LEASE RD W 0.5MI TO LEASE RD S
0.1MI INTO LOCATION

SPOT 300FT RADUIS OF WELL BORE NO HAZARDS

Township: 17S Range: 33E Section 1/4: 20 SE

Type of Work: OIL/GAS-PIPELINE CONSTRUCTION

The following utility owners have been notified of
your proposed excavation site:

CENTURION PIPELINE, LP

CONOCO-PHILLIPS & WESTTEX 66 PIPELINE

DCP MIDSTREAM - LINUM

IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation ticket means you accept responsibility for the accuracy of the information contained in the ticket and you agree to indemnify New Mexico One Call Systems, Inc. of liability, claims, fees, or damages, including reasonable attorney fees arising from or resulting from the use of the information provided on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and

Date: 3/11/2008 Time: 9:03 AM To: 2008111071 @ 915757380140 NMOC P.2/2
time of this confirmation notice before you begin excavation. This
request is valid for ten working days. Only the facility owners listed
on this ticket will be notified.

Date: 4/1/2008 Time: 8:28 AM To: 2008141046 @ 915757380140

NMOC P.1/4

NEW MEXICO ONE CALL
Locate Request Confirmation

Ticket #:2008141046

Reason Code:STANDARD LOCATE

Work to Begin Date: 04/03/2008

Time: 08:17:00 AM

CALLER INFORMATION

JERRY BRIAN
ELKE ENVIRONMENTAL, INC

Excavator Type:CONTRACTOR
Tel.:(575)738-0138

DIG LOCATION

City:RURAL LEA

Subdivision:

Address : To:

Street : WELL C.M.U. #70

Nearest Intersecting Street :

Second Intersecting Street :

Additional Dig Information:

==PIT CLOSURE==

FROM INTER. OF WEST COUNTY RD AND US-62/180 IN
HOBBS, GO W. ON US-62/180 FOR 11.97MI TO NM-529,
GO 13.45MI TO DOG LEG RD, TURN N. GO 0.75MI TO
R-125, TURN E. GO 1.08MI TO HUMMINGBIRD RD, TURN

Remarks: N. GO 1.2MI TO LEASE RD, TURN W. GO 0.5MI, TURN S.
GO 0.1MI INTO LOCATION. == SPOT 300FT RADIUS OF
WELL BORE.

Township: 17S Range: 33E Section 1/4: 20 SW

Type of Work: OIL/GAS-WELL/PIT REMOVAL

The following utility owners have been notified of
your proposed excavation site:

CENTURION PIPELINE, LP
DCP MIDSTREAM - LINUM
PLAINS PIPELINE - HOBBS

IMPORTANT CONFIRMATION NOTICE

Your fax request has been received and processed. It is your
responsibility to review the information provided on this faxback
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your request. Notify us immediately of any corrections or errors.
Acceptance of this faxback confirmation ticket means you accept
responsibility for the accuracy of the information contained in the
ticket and you agree to indemnify New Mexico One Call Systems, Inc. of
all liability, claims, fees, or damages, including reasonable attorney
fees arising from or resulting from the use of the information provided
on this confirmation ticket.

New Mexico Law requires you to wait two working days from the date and

Date: 4/1/2008 Time: 8:28 AM To: 2008141046 @ 915757380140 NMOC P.2/4
time of this confirmation notice before you begin excavation. This
request is valid for ten working days. Only the facility owners listed
on this ticket will be notified.