Forest Oil Corporation Pit Closure Summary

CMU #26

API 30-025-01466

Lea County, NM

UL. N, Sec. 18, T17S, R33E /

GPS N32 49.753 W103 42.273

Start date: 12Mar09

Finish date: 19Mar09

Prepared By: Vernon K. Black

Environmental Technician

Hungry Horse Environmental, LLC

PO Box 1058

Hobbs, NM 88240

(575)-393-3386

RECEIVED

APR 02 2009

HOBBSOCD

COURT CLOSURE APPROVED

FILM CLOSURE APPROVED

P1-00972



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ALIGUISHEIL	1 -	Oven	ıcau	VIEVV

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1.0 Introduction

This report addresses the pit (work over) closure at Forest Oil Corporation's CMU #26 injection well. Analytical results, photos of the project, an overhead map, and a general scope of the work conducted are included in this document as attachments. The project manager for Hungry Horse Environmental Services was David Carter.

2.0 Area Description

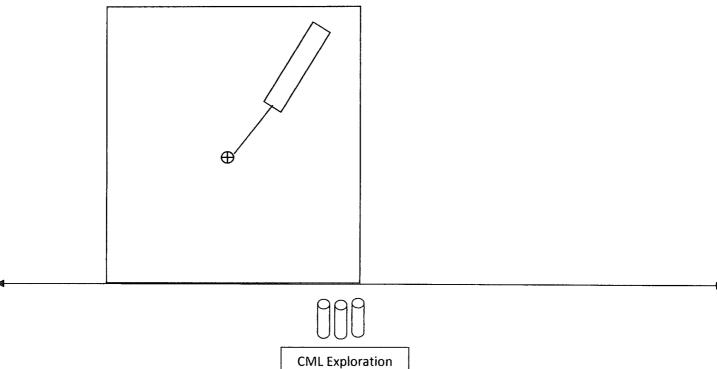
This geographical area is primarily caliche/caliche rock base covered with sand. Vegetation present in this area is mesquite, yucca plants, and a variety of range grass and weeds. The depth to the ground water is >150' based on the Lea County Depth to Ground Water Map. There are no water wells or surface bodies of water within a half of a mile of this location. This location is in rural Lea County, NM near Maljamar, between Mescalero and Humming Bird Roads at the bottom of the caprock.

3.0 Pit Closure Process

This pit closure was accomplished using the Waste Excavation and Removal Process. The work over pit was 15'L x 8'W X 4'D and was lined with a synthetic liner. The pit contents, along with the liner, and material from underneath the liner as well as the pit walls were excavated and removed. The final depth of the excavation was five feet. All material removed was disposed of at Lea Land SWM 131401. A five-point composite soil sample was obtained and taken to Cardinal Labs for analysis. Lab results indicated that chlorides, TPH, GRO/DRO, Benzene, and BTEX were all well below the limits set forth by NM OCD. Larry Johnson, NM OCD, was notified of the results and advised that backfilling could commence. The excavated area was backfilled using clean material from a nearby source and contoured to match the existing grade of the location. All work conducted was on the existing location; therefore no re-seeding and no soil cover design was done.

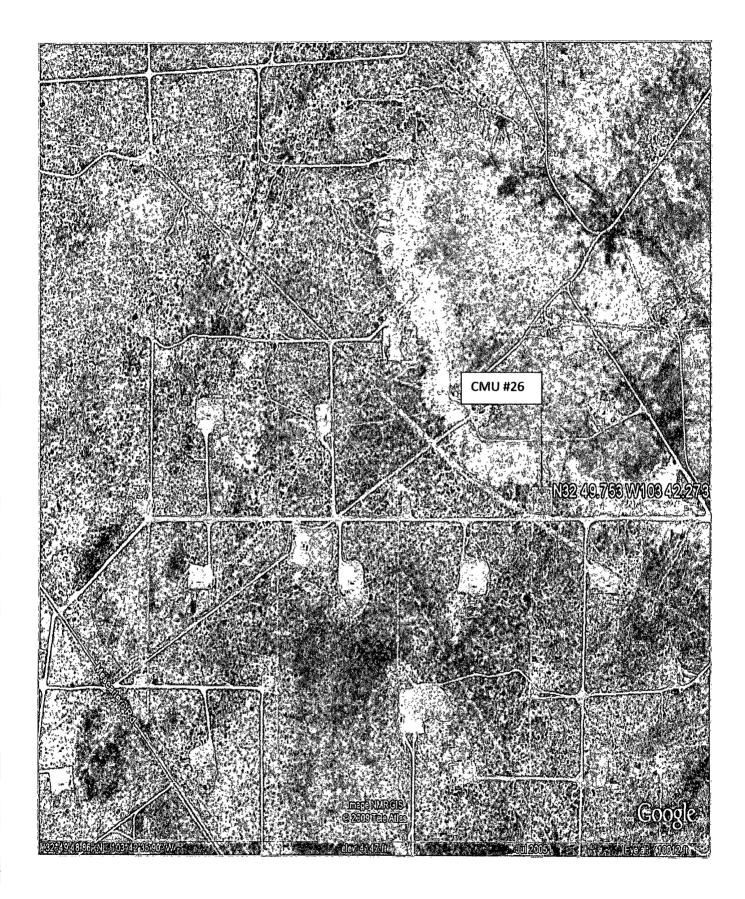


CMU #26 Center of Pit is 52' NW from Wellhead



CML Exploration Paddy 18 State 2

Note: Drawing is not to Scale





ANALYTICAL RESULTS FOR HUNGRY HORSE ENVIRONMENTAL SERVICES

ATTN: VERNON K. BLACK

P.O. BOX 1058 HOBBS, NM 88241 FAX TO: (575) 391-4585

Receiving Date: 03/19/09 Reporting Date: 03/23/09

Project Owner: FOREST OIL Project Name: CMU #26

Project Location: LEA COUNTY, NM

Sampling Date: 03/18/09

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By: AB

Analyzed By: ZL

LAB NUMBER SAMPLE ID	BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL BENZENE (mg/kg)	TOTAL XYLENES (mg/kg)
ANALYSIS DATE H17085-1 COMPOSITE 5'RGS	03/20/09	03/20/09	03/20/09	03/20/09
H17085-1 COMPOSITE 5'BGS	<0.050	<0.050	<0.050	< 0.300
Quality Control	0.049	0.050		
True Value QC	0.050	0.050	0.049	0.149
% Recovery	98.0	0.050	0 050	0.150
Relative Percent Difference		100	98.0	99.3
Transport Officer Officer	1.8	3.4	3.4	4.6

METHOD. EPA SW-846 8021B

TEXAS NELAP ACCREDITATION T104704398-08-TX FOR BENZENE, TOLUENE, ETHYL BENZENE, AND TOTAL XYLENES.

03/24/09



ANALYTICAL RESULTS FOR

HUNGRY HORSE ENVIRONMENTAL SERVICES

ATTN: VERNON K. BLACK

P O. BOX 1058 HOBBS, NM 88241

FAX TO: (575) 391-4585

Receiving Date: 03/19/09

Reporting Date: 03/23/09

Project Owner: FOREST OIL

Project Name: CMU #26

Project Location: LEA COUNTY, NM

Sampling Date: 03/18/09

Sample Type: SOIL

Sample Condition: COOL & INTACT

Sample Received By. AB

Analyzed By: AB/TR

418.1

GRO DRO

TOTAL (C6-C10) (>C10-C28)

TPH

CI*

LAB NUMBER SAMPLE ID

(mg/kg) (mg/kg)

(mg/kg)

(mg/kg)

ANALYSIS DATE	03/21/09	03/21/09	03/20/09	03/19/09
H17085-1 COMPOSITE 5' BGS	<10.0	<10.0	439	320
			<u></u>	— —
				
Quality Control	473	535	319	500
True Value QC	500	500	300	500
% Recovery	94.6	107	106	100
Relative Percent Difference	0.7	2.9	2.7	< 0.1

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; EPA 418.1; CI-; Std. Methods 4500-CI-B *Analysis performed on a 1.4 w.v aqueous extract

73/24/09

H17085 TPH2CL HHE

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



Company Name: LL			Page of
Company Name: Hungry Horse Environmental Se Project Manager: Vernen K. Black	BILL TO	ANALYSI	8 REQUEST
Iddress: PO Box 1058	7.0.16		
LOS LOS	Company: SAME	1 1 1 1 1	
TINS OF THE BIND IN IN SIDE RATH	Attn:		
	Address:		
	m maria de la compania de la constante de la c		
roject Location: Lea Canty	State: Zip:		
roject Name: CAU# 26 roject Location: Lea Canty ampler Name: Vernen K. Black	Phone #:		
CA LUB ARE CALLA	Fax 4: RX PRESERY BAMPLING	9 0	
	PRESERY SAMPLING		
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nnot accept verbal changes. Pleaso fax written changes to 676-393-2476.

Date: 3/9/2009 Time: 2:22 PM To: 2009110487 @ 915753914585

NMOC P.1/2

NEW MEXICO ONE CALL Locate Request Confirmation

Ticket #:2009110487

Work to Begin Date:

03/11/2009

Reason Code: STANDARD LOCATE

Time: 01:15:00 PM

CALLER INFORMATION

DAVID CARTER HUNGRY HORSE LLC

Excavator Type:CONTRACTOR

Tel.: (575)441-5264

DIG LOCATION

City: RURAL LEA Subdivision:

Address : To:

Street: THE CAPROCK MALJARMAR UNTI 26

Nearest Intersecting Street:

Second Intersecting Street :

Additional Dig Information:
FROM MALJAMAR @ THE INTR OF 82 & CR-126 GO S 0.6MI
TO MESCALERO RD GO 2.9MI TRN L STAY ON MAIN RD TRN
E GO UP HILL 1.3MI TRN L 0.2MI TRN R @ TELEPHONE

POLE W/ RED FLAGGING GO 0.1MI DOWN 2-TRACK RD TO LOCATION == SPOT 50FT RADUIS AROUND WORK OVER PIT

Remarks:

Township: 17S Range: 33E Section 1/4: 18 SE Township: 17S Range: 33E Section 1/4: 18 SW Township: 17S Range: 33E Section 1/4: 18 NE Township: 17S Range: 33E Section 1/4: 18 NW

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

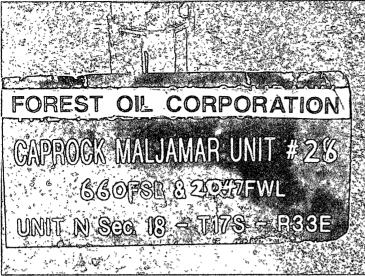
The following utility owners have been notified of

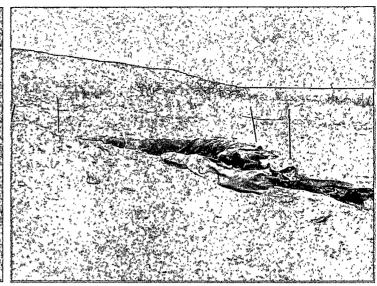
your proposed excavation site:

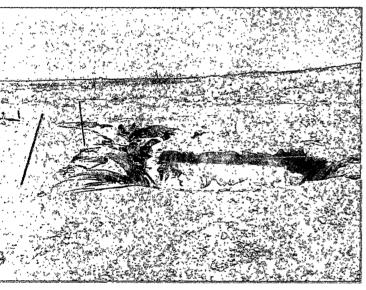
DCP MIDSTREAM - LINUM
PLAINS PIPELINE - HOBBS

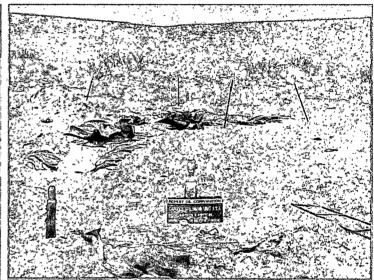
IMPORTANT CONFIRMATION NOTICE

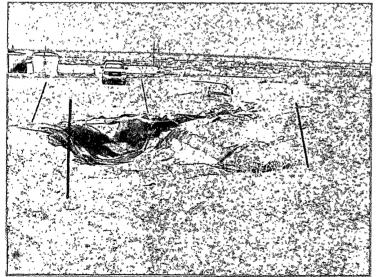
Your fax request has been received and processed. It is your responsibility to review the information provided on this faxback confirmation ticket and ensure it has been correctly interpreted from your request. Notify us immediately of any corrections or errors. Acceptance of this faxback confirmation 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 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.

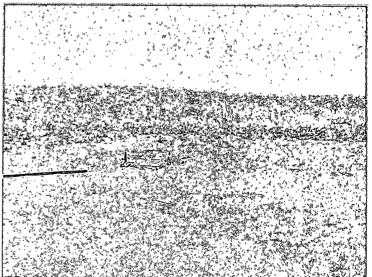




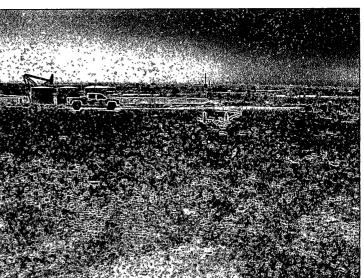


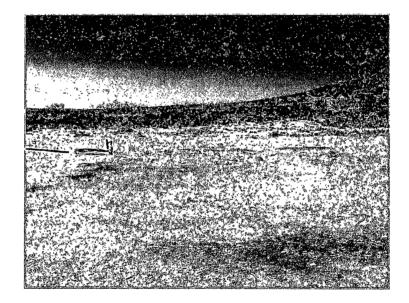












HUNGRY HORSE, LLC ENVIRONMENTAL SERVICES

Dirt Work	*	On-Site Remediation	*	Soil Testing	*	Excavation
D.11.2 11.01.11		011 0100 110111001001011				

9Mar09

To: John Norris, Norris Cattle Company

Reference: Pit Closures

Dear Mr. Norris,

I am writing this letter on behalf of Forest Oil Corporation to notify you of their intent to close eight workover pits located on your property. All pits are located on active well locations. The pits will be closed utilizing the waste excavation and removal process following NM OCD guidelines. The pits to be closed are listed below.

Well Name	Legals	API
CMU #39	UL. B, Sec. 19, T17S, R33E	30-025-01479
CMU #283	UL. O, Sec. 28, T17S, R33E	30-025-34193
CMU #58	UL. E, Sec. 21, T17S, R33E	30-025-01509
CMU #93	UL. L, Sec. 28, T17S, R33E	30-025-01526
CMU #32	UL. P, Sec. 17, T17S, R33E	30-025-01451
CMU #17	UL. J, Sec. 18, T17S, R33E	30-025-01460
CMU #3	UL. D, Sec. 17, T17S, R33E	30-025-01442
CMU_#26	UL. N, Sec. 18, T17S, R33E	30-025-01466

Should you have any questions, please feel free to contact myself or Mr. Rick Rickman w/Forest Oil Corporation at 575 392 9797.

Sincerely,

Vernon K. Black

HSF

Hungry Horse Environmental Services

Hobbs, NM

The center of the pit is 52' north/northeast of the wellhead.

GPS N32 49.753 W103 43.273 is center of pit

Reference drawing on page 2

District 1
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 Department Oil Conservation Division 1220 South St. Francis Dr.

1220 South St. Francis Dr. Santa Fe, NM 87505 For temporary pits, closed-loop systems, and below-grade tanks, submit to the appropriate NMOCD District Office.

For permanent pits and exceptions submit to the Santa Fe Environmental Bureau office and provide a copy to the appropriate NMOCD District Office.

Pit, Closed-Loop System, Below-Grade Tank, or					
Proposed Alternative Method Permit or Closure Plan Application					
Type of action: Permit of a pit, closed-loop system, below-grade tank, or proposed alternative method Closure of a pit, closed-loop system, below-grade tank, or proposed alternative method.					
X Closure plan only submitted for an existing permitted or non-permitted pit, closed-loop system, below-grade tank, or proposed alternative method					
below-grade tank, or proposed alternative method Instructions: Please submit one application (Form C-144) per individual pit, closed-loop system, below-grade tank or distripative request					
lease be advised that approval of this request does not relieve the operator of liability should operations result in pollution of surface water, ground water or the avironment. Nor does approval relieve the operator of its responsibility to comply with any other applicable governmental authority's rules, regulations or ordinances.					
i. Operator: Forest Oil CorporationOGRID #:8041					
Address: 707 17th St Suite 3600 Denver Co					
Facility or well name: CMU #26					
API Number: 30-025-01466OCD Permit Number:					
U/L or Qtr/Qtr NSection 18Township 17SRange 33ECounty: Lea					
Center of Proposed Design: Latitude Longitude NAD: 1927 1983					
Surface Owner: Federal State X Private Tribal Trust or Indian Allotment					
☐ Permanent ☐ Emergency ☐ Cavitation ☐ P&A X Lined ☐ Unlined Liner type: Thickness 12					
intent)					
Drying Pad Above Ground Steel Tanks Haul-off Bins Other					
Lined Unlined Liner type: Thicknessmil					
Below-grade tank: Subsection I of 19.15.17.11 NMAC					
Volume:bbl Type of fluid:					
ank Construction material:					
Secondary containment with leak detection Visible sidewalls, liner, 6-inch lift and automatic overflow shut-off					
Visible sidewalls and liner Visible sidewalls only Other					
iner type: Thicknessmil					
Alternative Method: Submittal of an exception request is required. Exceptions must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.					

6				
Fencing: Subsection D of 19.15.17.11 NMAC (Applies to permanent pits, temporary pits, and below-grade tanks)				
Chain link, six feet in height, two strands of barbed wire at top (Required if located within 1000 feet of a permanent residence, school, hospital, institution or church)				
☐ Four foot height, four strands of barbed wire evenly spaced between one and four feet				
Alternate. Please specify				
Netting: Subsection E of 19.15.17.11 NMAC (Applies to permanent pits and permanent open top tanks) Screen Netting Other				
Monthly inspections (If netting or screening is not physically feasible)				
Signs: Subsection C of 19.15.17.11 NMAC				
☐ 12"x 24", 2" lettering, providing Operator's name, site location, and emergency telephone numbers				
Signed in compliance with 19.15.3.103 NMAC				
9. Administrative Approvals and Exceptions:				
Justifications and/or demonstrations of equivalency are required. Please refer to 19.15.17 NMAC for guidance.				
Please check a box if one or more of the following is requested, if not leave blank: Administrative approval(s): Requests must be submitted to the appropriate division district or the Santa Fe Environmental Bureau	office for			
consideration of approval. Exception(s): Requests must be submitted to the Santa Fe Environmental Bureau office for consideration of approval.				
16.				
Siting Criteria (regarding permitting): 19.15.17.10 NMAC				
Instructions: The applicant must demonstrate compliance for each siting criteria below in the application. Recommendations of accep material are provided below. Requests regarding changes to certain siting criteria may require administrative approval from the appro	nriate district			
office or may be considered an exception which must be submitted to the Santa Fe Environmental Bureau office for consideration of a Applicant must attach justification for request. Please refer to 19.15.17.10 NMAC for guidance. Siting criteria does not apply to dryi	nnroval			
above-grade tanks associated with a closed-loop system.	ing pads or			
Ground water is less than 50 feet below the bottom of the temporary pit, permanent pit, or below-grade tank. NM Office of the State Engineer - iWATERS database search; USGS; Data obtained from nearby wells	☐ Yes ☐ No			
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other significant watercourse or lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within 300 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application	☐ Yes ☐ No			
(Applies to temporary, emergency, or cavitation pits and below-grade tanks) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□ NA			
Within 1000 feet from a permanent residence, school, hospital, institution, or church in existence at the time of initial application.	☐ Yes ☐ No			
Applies to permanent pits) - Visual inspection (certification) of the proposed site; Aerial photo; Satellite image	□ NA □			
Within 500 horizontal feet of a private, domestic fresh water well or spring that less than five households use for domestic or stock	☐ Yes ☐ No			
watering purposes, or within 1000 horizontal feet of any other fresh water well or spring, in existence at the time of initial application. - NM Office of the State Engineer - iWATERS database search; Visual inspection (certification) of the proposed site	_ 100 No			
Within incorporated municipal boundaries or within a defined municipal fresh water well field covered under a municipal ordinance	☐ Yes ☐ No			
adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval obtained from the municipality				
Within 500 feet of a wetland.				
- US Fish and Wildlife Wetland Identification map; Topographic map; Visual inspection (certification) of the proposed site	☐ Yes ☐ No			
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining and Mineral Division	☐ Yes ☐ No			
Within an unstable area.	☐ Yes ☐ No			
- Engineering measures incorporated into the design; NM Bureau of Geology & Mineral Resources; USGS; NM Geological Society; Topographic map	_ 100 □ 140			
Within a 100-year floodplain.	☐ Yes ☐ No			
FEMA map				

11.
Temporary Pits, Emergency Pits, and Below-grade Tanks Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are
attached.
Hydrogeologic Report (Below-grade Tanks) - based upon the requirements of Paragraph (4) of Subsection B of 19.15.17.9 NMAC Hydrogeologic Data (Temporary and Emergency Pits) - based upon the requirements of Paragraph (2) of Subsection B of 19.15.17.9 NMAC Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number: or Permit Number:
12
Closed-loop Systems Permit Application Attachment Checklist: Subsection B of 19.15.17.9 NMAC Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are
attached.
Geologic and Hydrogeologic Data (only for on-site closure) - based upon the requirements of Paragraph (3) of Subsection B of 19.15.17.9 Siting Criteria Compliance Demonstrations (only for on-site closure) - based upon the appropriate requirements of 19.15.17.10 NMAC Design Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Closure Plan (Please complete Boxes 14 through 18, if applicable) - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC
and 19.15.17.13 NMAC
Previously Approved Design (attach copy of design) API Number: API Number: API Number:
Previously Approved Operating and Maintenance Plan API Number:(Applies only to closed-loop system that use above ground steel tanks or haul-off bins and propose to implement waste removal for closure)
Permanent Pits Permit Application Checklist: Subsection B of 19.15.17.9 NMAC
Instructions: Each of the following items must be attached to the application. Please indicate, by a check mark in the box, that the documents are attached.
Hydrogeologic Report - based upon the requirements of Paragraph (1) of Subsection B of 19.15.17.9 NMAC
Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of 19.15.17.10 NMAC
Climatological Factors Assessment
Certified Engineering Design Plans - based upon the appropriate requirements of 19.15.17.11 NMAC
Dike Protection and Structural Integrity Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Leak Detection Design - based upon the appropriate requirements of 19.15.17.11 NMAC
Liner Specifications and Compatibility Assessment - based upon the appropriate requirements of 19.15.17.11 NMAC
Quality Control/Quality Assurance Construction and Installation Plan
Operating and Maintenance Plan - based upon the appropriate requirements of 19.15.17.12 NMAC
Freeboard and Overtopping Prevention Plan - based upon the appropriate requirements of 19.15.17.11 NMAC
☐ Nuisance or Hazardous Odors, including H ₂ S, Prevention Plan
Emergency Response Plan
Oil Field Waste Stream Characterization
Monitoring and Inspection Plan
Erosion Control Plan
Closure Plan - based upon the appropriate requirements of Subsection C of 19.15.17.9 NMAC and 19.15.17.13 NMAC
Proposed Closure: 19.15.17.13 NMAC
nstructions: Please complete the applicable boxes, Boxes 14 through 18, in regards to the proposed closure plan.
Type: Drilling X Workover Emergency Cavitation P&A Permanent Pit Below-grade Tank Closed-loop System Alternative
Proposed Closure Method: X Waste Excavation and Removal
☐ Waste Removal (Closed-loop systems only)
On-site Closure Method (Only for temporary pits and closed-loop systems)
☐ In-place Burial ☐ On-site Trench Burial
Alternative Closure Method (Exceptions must be submitted to the Santa Fe Environmental Bureau for consideration)
5.
Waste Excavation and Removal Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the following items must be attached to the
nosure plan. Fleuse indicate, by a check mark in the box, that the documents are attached.
X Protocols and Procedures - based upon the appropriate requirements of 19.15.17.13 NMAC
X Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of Subsection F of 19.15.17.13 NMAC
X Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill cuttings) X Soil Backfill and Cover Design Specifications based upon the appropriate approp
X Soil Backfill and Cover Design Specifications - based upon the appropriate requirements of Subsection H of 19.15.17.13 NMAC X Re-vegetation Plan - based upon the appropriate requirements of Subsection I of 19.15.17.13 NMAC
X Site Reclamation Plan - based upon the appropriate requirements of Subsection G of 19.15.17.13 NMAC
1 Odasa apon die appropriate requirements of Subsection G of 19.15.17.13 NMAC

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to a region

16. Waste Removal Closure For Closed-loop Systems That Utilize Above Ground S			
Instructions: Please indentify the facility or facilities for the disposal of liquids, difficulties are required.	rilling fluids and drill cuttings. Use attachment if	more than two	
Disposal Facility Name: I	Disposal Facility Permit Number:		
	Disposal Facility Permit Number:		
Will any of the proposed closed-loop system operations and associated activities occ Yes (If yes, please provide the information below) No	ur on or in areas that will not be used for future ser	vice and operations?	
Required for impacted areas which will not be used for future service and operation. Soil Backfill and Cover Design Specifications based upon the appropriate requirements of Subsection I Site Reclamation Plan - based upon the appropriate requirements of Subsection	requirements of Subsection H of 19.15.17.13 NMA of 19.15.17.13 NMAC	c	
Siting Criteria (regarding on-site closure methods only): 19.15.17.10 NMAC Instructions: Each siting criteria requires a demonstration of compliance in the comprovided below. Requests regarding changes to certain siting criteria may require considered an exception which must be submitted to the Santa Fe Environmental demonstrations of equivalency are required. Please refer to 19.15.17.10 NMAC for	administrative approval from the appropriate dist Bureau office for consideration of approval. Justi	rict office or may be	
Ground water is less than 50 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data	obtained from nearby wells	☐ Yes ☐ No ☐ NA	
Ground water is between 50 and 100 feet below the bottom of the buried waste - NM Office of the State Engineer - iWATERS database search; USGS; Data	obtained from nearby wells	Yes No	
Ground water is more than 100 feet below the bottom of the buried waste. - NM Office of the State Engineer - iWATERS database search; USGS; Data of the State Engineer - iWATERS database	obtained from nearby wells	☐ Yes ☐ No ☐ NA	
Within 300 feet of a continuously flowing watercourse, or 200 feet of any other signilake (measured from the ordinary high-water mark). - Topographic map; Visual inspection (certification) of the proposed site	ficant watercourse or lakebed, sinkhole, or playa	☐ Yes ☐ No	
Within 300 feet from a permanent residence, school, hospital, institution, or church in Visual inspection (certification) of the proposed site; Aerial photo; Satellite in		☐ Yes ☐ No	
Within 500 horizontal feet of a private, domestic fresh water well or spring that less to watering purposes, or within 1000 horizontal feet of any other fresh water well or spring the NM Office of the State Engineer - iWATERS database; Visual inspection (co	ing, in existence at the time of initial application.	☐ Yes ☐ No	
Within incorporated municipal boundaries or within a defined municipal fresh water adopted pursuant to NMSA 1978, Section 3-27-3, as amended. - Written confirmation or verification from the municipality; Written approval	· i	☐ Yes ☐ No	
Within 500 feet of a wetland US Fish and Wildlife Wetland Identification map; Topographic map; Visual	inspection (certification) of the proposed site	☐ Yes ☐ No	
Within the area overlying a subsurface mine. - Written confirmation or verification or map from the NM EMNRD-Mining a	nd Mineral Division	☐ Yes ☐ No	
Within an unstable area. - Engineering measures incorporated into the design; NM Bureau of Geology & Society; Topographic map	& Mineral Resources; USGS; NM Geological	☐ Yes ☐ No	
Within a 100-year floodplain FEMA map		☐ Yes ☐ No	
On-Site Closure Plan Checklist: (19.15.17.13 NMAC) Instructions: Each of the Joby a check mark in the box, that the documents are attached. Siting Criteria Compliance Demonstrations - based upon the appropriate requirements of S Construction/Design Plan of Burial Trench (if applicable) based upon the appropriate requirements of S Construction/Design Plan of Temporary Pit (for in-place burial of a drying pad Protocols and Procedures - based upon the appropriate requirements of 19.15.1 Confirmation Sampling Plan (if applicable) - based upon the appropriate requirements of St. Disposal Facility Name and Permit Number (for liquids, drilling fluids and drill Soil Cover Design - based upon the appropriate requirements of Subsection I C Re-vegetation Plan - based upon the appropriate requirements of Subsection I C Site Reclamation Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of Subsection Plan - based upon the appropriate requirements of	rements of 19.15.17.10 NMAC ubsection F of 19.15.17.13 NMAC ropriate requirements of 19.15.17.11 NMAC) - based upon the appropriate requirements of 19.1 7.13 NMAC rements of Subsection F of 19.15.17.13 NMAC ubsection F of 19.15.17.13 NMAC I cuttings or in case on-site closure standards cannot 19.15.17.13 NMAC of 19.15.17.13 NMAC	15.17.11 NMAC	

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Description

19. Operator Application Certification:	
I hereby certify that the information submitted with this application is true,	accurate and complete to the best of my knowledge and belief.
Name (Print): Rick Rickman_	Title: HSE
Signature: RICK Rickman	n. 12 - n.C
Signature: KICK Kor CRM A	Date: 12 0 9
e-mail address:rdrickman@forestoil.com	Telephone; 575 369-51
20.	1/40
OCD Approval: Permit Application (including closure plan)	sure Plan (only) Good Condition Stree attachment) Approval Date: 3.17.09
OCD Representative Signature:	Approval Date:3.17.09
Time.	
Title:ENVIRONMENTAL ENGINEER	OCD Permit Number: 11-009 12
21. Closure Report (required within 60 days of closure completion): Subset	ection K of 19.15.17.13 NMAC
Instructions: Operators are required to obtain an approved closure plan	prior to implementing any closure activities and submitting the closure report.
The closure report is required to be submitted to the division within 60 day section of the form until an approved closure plan has been obtained and	ys of the completion of the closure activities. Please do not complete this the closure activities have been completed
t	Closure Completion Date:
2.	G close compensor bate.
Closure Method:	
☐ Waste Excavation and Removal ☐ On-Site Closure Method ☐ A ☐ If different from approved plan, please explain.	Alternative Closure Method
23.	
Closure Report Regarding Waste Removal Closure For Closed-loop Sys	stems That Utilize Above Ground Steel Tanks or Haul-off Bins Only:
Instructions: Please indentify the facility or facilities for where the liquid two facilities were utilized.	s, drilling fluids and drill cuttings were disposed. Use attachment if more than
Disposal Facility Name:	Disposal Facility Permit Number:
Disposal Facility Name:	Disposal Facility Permit Number:
Were the closed-loop system operations and associated activities performed	on or in areas that will not be used for future service and operations?
Yes (If yes, please demonstrate compliance to the items below)	No .
Required for impacted areas which will not be used for future service and of Site Reclamation (Photo Documentation)	perations:
Soil Backfilling and Cover Installation	
Re-vegetation Application Rates and Seeding Technique	
DA Closure Report Attachment Checklist: Instructions: Each of the follow	ing items must be attached to the closure report. Please indicate, by a check
mark in the box, that the documents are attached.	mg man reason to and coosare report. I lease maicale, by a check
Proof of Closure Notice (surface owner and division) Proof of Deed Notice (required for on-site closure)	
Plot Plan (for on-site closures and temporary pits)	
Confirmation Sampling Analytical Results (if applicable)	
 ☐ Waste Material Sampling Analytical Results (required for on-site clos ☐ Disposal Facility Name and Permit Number 	sure)
Soil Backfilling and Cover Installation	
Re-vegetation Application Rates and Seeding Technique	
Site Reclamation (Photo Documentation)	
	ongitude NAD:
s. Operator Closure Certification:	
hereby certify that the information and attachments submitted with this close	sure report is true, accurate and complete to the best of my knowledge and
belief. I also certify that the closure complies with all applicable closure req	puirements and conditions specified in the approved closure plan.
Name (Print):	Title:
ignature:	
Signature:	Date:
>-mail address:	Telephone:

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HUNGRY HORSE, LLC **ENVIRONMENTAL SERVICES**

Dirt Work On-Site Remediation Soil Testing Excavation 12Mar09 TO: Larry Johnson, NM OCD Dist 1 REFERENCE: Work Plan for Closure of a Temporary Pit **OPERATOR:** Forest Oil Corporation **LOCATION: CMU #26** API: 30-025-01466 LEGALS: UL. N, Sec. 18, T17S, R33E GPS: N32 49.753 W103 42.273 **DEPTH to GROUND WATER: >150'** Protocols and Procedures: The closure of this work over pit will be accomplished by using the waste excavation and removal method. All contents of the pit to include the synthetic liner will be removed and disposed of at a division-approved facility. Confirmation Sampling: A composite sample of the excavated area will be obtained and analyzed to determine the levels of Benzene, BTEX, TPH, GRO/DRO, and chlorides. All analysis will be conducted using NM OCD approved analysis methods. Disposal Facility: Lea Land SWM 131401 Soil backfill and Cover Design Specifications: The excavated area will be backfilled to the existing grade of the location using the stockpiled material that came from the original pit excavation and/or from a local source should more be required. Re-vegetation Plan: Due to the affected area being on an active well location, no re-vegetation will be conducted. Site Reclamation Plan: The excavated area will be reclaimed in a manner to match the existing grade of the location. Submitted By: Vernon K. Black, Hungry Horse Environmental Services RECEIVED ENVIRONMENTAL ENGINEER Signature:

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P. O. Box 1058 * Hobbs New Mexico * Office 505.393.3386 * Fax 505.391.4585