

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
1625 N. French Drive  
Roswell, NM 88240

SUBMIT IN TRIPLICATE  
(Other Instructions on  
Reverse Side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires: February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

b. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER ☐

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Apache Corporation (Permit Agent: Bonnie Jones)

3. ADDRESS AND TELEPHONE NO.

Apache: 6120 S. Yale, #1500, Tulsa, OK 74136, 918-491-4907;  
Permit Agent: POB 8309, Roswell, NM 88202, 505-624-9799

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. \*)

At Surface 3,630' FNL & 330' FEL, (Lot 9)

At proposed prod. Zone 3,630' FNL & 330' FEL, (Lot 9)

Capitan Controlled Water Basin

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

4.5 miles north of Eunice, NM

15. DISTANCE FROM PROPOSED \*  
LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

330'

(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

80.00

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40.00

18. DISTANCE FROM PROPOSED LOCATION \*

TO NEAREST WELL, DRILLING, COMPLETED  
OR APPLIED FOR, ON THIS LEASE, FT.

540'±

19. PROPOSED DEPTH

7,200'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3,478' GR

22. APPROX. DATE WORK WILL START

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached	Exhibit A			

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

Anticipated Duration of Program: Drilling – 15 days  
Completion – 21 days

See attached for complete Drilling Program

EXHIBITS

Exhibit "A": Drilling Program

Exhibit "D": Survey Plats

Exhibit "G": Rig Layout

Exhibit "B": H<sub>2</sub>S Program

Exhibit "E": Vicinity & Location Plats

Exhibit "H": BOP Schematic

Exhibit "C": Surface Use

Exhibit "F": Existing Wells in Vicinity

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Bonita L. L. Jones

TITLE Permit Agent for Apache Corporation

DATE 4-15-05

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

/s/ Joe G. Lara

TITLE

FIELD MANAGER

DATE

MAY 13 2005

\*See Instructions On Reverse Side

APPROVAL FOR 1 YEAR

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

EXHIBIT "A"  
Lea County Federal #2

**DRILLING PROGRAM**

I. The geological surface formation is Alluvium.

II. Estimated Tops of Geological Markers:

FORMATION	DEPTH
Rustler	1,313'
Yates	2,727'
Queen	3,526'
Grayburg	3,829'
San Andres	4,087'
Glorietta	5,298'
Blinberry	5,780'
Tubb	6,299'
Drinkard	6,659'
Abo	6,927'
TD	7,200'

III. Estimated depths at which water, oil, gas, or other mineral-bearing formations are expected to be encountered:

Substance	Depth
Fresh water	80'
Oil	3,829'
Gas	2,727'

All fresh water and prospectively valuable minerals (as described by BLM) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows within zones of correlative rights will be tested to determine commercial potential.

IV. A. Proposed Casing Program:

Hole Size	Casing Size	Casing Grade	Casing Weight/Foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25	8.625	J-55	24	1,300'	600	0'
7.875	5.5	J-55	17	7,200'	1,250	0'

B. Proposed Cement Program:

8.625"	400 sacks of 35:65 Poz: Class C Cement + 2% bwoc Calcium Chloride + 0.25 lbs/sack + 0.003 gps FP-6L + 6% bwoc Bentonite Gel
	200 sacks of Class C Cement + 2% Calcium Chloride + 0.125 lbs/sack Cello Flake
5.5"	800 sacks of 50:50 Poz: Class C Cement + 5% Salt + 0.125 lbs/sack Cello Flake + 0.003 gps FP-6L + 10% Bentonite Gel
	450 sacks of 50:50 Poz: Class C Cement + 5% Salt + 0.003 gps FP-6L

V. A. Proposed Mud Program

0 – 1,350': 8.6 – 9.6 ppg New Gel/Lime "spud mud", 34-36 sec/1000cc viscosity  
1,350 – 5,500': 9.8 – 10.1 ppg Brine, 28-29 sec/1000cc viscosity, 9-10 pH  
5,500 – 7,200': 9.8 – 10.1 ppg Brine w/ Starch (yellow) – Saltgel, 30-40  
sec/1000cc viscosity, 10-8 cc/30 min filtrate, 9-10 pH

VI. Proposed Control Equipment:

1 Shaffer "E" double ram preventer, 9 in., 3000 psi  
1 Torrus 9 in., 3,000 psi Annular  
1 Dual choke manifold, 3 in., 3000 psi  
1 Shop-made Accumulator, 80 gal.

See Exhibit "H" for BOP layout.

VII. Auxiliary Equipment:

2 Mud Cross 9-in., 3,000 psi  
1 Spool 8-in., 900 x 12-in.  
1 8-in., 900 x 10 ¾ 8rd flange  
1 2-in., 3,000 psi check valve and valve  
1 9-in., 3,000 psi stripper bowl  
8 1 in. x 20-ft. steel flex hoses and 1-in. Pipes  
H<sub>2</sub>S detectors on while drilling production hole.

VIII A. Testing Program: Mud Logging Unit on at 3,500', 10' samples from 3,500' to TD.

B. Logging Program: The following logs may be run:

TD – 3,700': Litho-Density, Dual Laterolog/MSFL, Sonic (Halliburton)

TD – 1,350': GR/Caliper (Halliburton)

C. Coring Program: None anticipated.

D. Abnormal pressures and temperatures are not expected. Maximum bottomhole pressure anticipated is 2,700 psi In the event abnormal pressures are encountered, however, standard well control procedures will be used, increasing mud weight as needed.

EXHIBIT "B"  
Lea County Federal 2

HYDROGEN SULFIDE DRILLING OPERATIONS PLAN

No H<sub>2</sub>S is anticipated.

EXHIBIT "C"

SURFACE USE AND OPERATIONS PLAN  
CULTURAL RESOURCES SURVEY  
APPROXIMATE REHABILITATION SCHEDULE

LOCATION: **Lea County Federal #2**  
OPERATOR: **Apache Corporation**

LOCATION: Lot 9 OF SECTION 5, T21S-R37E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

SUBMITTED TO:

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
ROSWELL DISTRICT OFFICE  
2909 WEST 2<sup>ND</sup> STREET  
ROSWELL, NEW MEXICO 88201  
TELEPHONE (505) 627-0272

This plan is submitted to provide permitting agencies with information necessary to allow an appraisal of the environmental effects associated with the proposed drilling operations. Within the context of typical drilling operations, this plan provides for protection of surface resources and other environmental components. This plan has been developed in conformity with the United States Geological Survey NTL-6 guidelines, Bureau of Land Management Oil and Gas Order No. 1, and in connection and consultation with the private surface owner of record, if other than the United States of America, as well as the Roswell District Office for the Bureau of Land Management and the United States Department of the Interior personnel.

PART #1:

- 1) Surface Location:  
Lot 9 of Section 5, Township 21 South, Range 37 East, N.M.P.M.  
Lea County, New Mexico  
3,630' FNL, 330' FEL  
See attached Exhibits "D" and "E"
- 2) Bottom Hole Location:  
Lot 9 of Section 5, Township 21 South, Range 37 East, N.M.P.M.  
Lea County, New Mexico  
3,630' FNL, 330' FEL  
See attached Exhibits "D" and "E"
- 3) Leases Issued: NMNM- 094867
- 4) Record Lessee:

Apache Corporation	25.00%
BP America Production Co.	25.00%
Chevron USA Production Co.	25.00%
Conoco Phillips Company	25.00%

- 5) Acres in Lease:  
Township 21 South, Range 37 East, NMPM  
Section 5: Lots 8, 9  
Total Acres: 80.00
- 6) Acres Dedicated to Well:  
There are 40.00 acres dedicated to this well, which takes in Lot 9 of Section 5, Township 21 South, Range 37 East, N.M.P.M., Lea County, New Mexico.

PART #2:

- 1) Existing Roads:  
Exhibits "E-1" & "E-2" comprise maps showing the proposed well site in relation to existing roads. The well is  $\pm$ 4.5 miles north of Eunice, New Mexico. From the intersection of St. Highway #18 and State Highway #207, go west on St. Highway #207 approximately 0.2 miles past mile post 11. Turn west and go approximately 0.2 miles southwest. Follow left fork and go approximately 1.7 miles. Turn south and go approx 0.2 miles to location.
- 2) Planned Access:  
Length and Width: A new 1,137' access road, 14' wide, will be constructed from the existing lease/access road to the well site. 30' will be provided in the turns. Application for a buried pipeline will be made if it becomes necessary.  
Construction: The existing roads will be lightly graded and topped with compacted caliche as needed.  
Turnouts: None required.  
Culverts: None required.  
Cuts and Fills: As needed.  
Gates and Cattleguards: None required.
- 3) Location of Existing Wells:  
Exhibit "F" shows existing wells within a 1-mile radius of the proposed well.
- 4) Location of Existing and/or Proposed Facilities:  
If the oil well proves to be commercial, any necessary production facilities will be installed on the drilling pad. See Exhibit "D-3."
- 5) Location and Type of Water Supply:  
Apache Corporation plans to drill the proposed well with fresh water from City of Eunice, NE/4 of Sec 33-T21S-R37E and brine from Chapparral brine well in Sec 34-21S-37E (Eunice # 1), which will be transported by truck (Chapparral) over proposed and existing access roads.
- 6) Source of Construction Materials:  
Caliche for surfacing access roads and the wellsite pad will be obtained from the location itself or Hill Ranch.
- 7) Method of Handling Waste Material:  
A. Drill cuttings will be disposed of in the reserve pits.  
B. Drilling fluids will be allowed to evaporate in the reserve pits until the pits are dry.  
C. All pits will be fenced with normal fencing materials to prevent livestock from entering the area.  
D. Water produced during operations will be collected in tanks until hauled to an approved disposal system.  
E. Oil produced during operation will be stored in tanks until sold.  
F. Apache Corporation will comply with current laws and regulations pertaining to the disposal of human waste.  
G. All waste materials will be contained to prevent scattering by the wind and will be removed from the well site within 30 days after drilling and/or completion operations are finished.
- 8) Ancillary Facilities: None planned.

9) Well Site Layout:

- A. Exhibit "G" shows the relative location and dimensions of the well pad, reserve pits, and major rig components. The pad and pit area have been staked and flagged.
- B. Mat Size: 150' x 210' plus reserve pits as shown on Exhibit "G".
- C. Cut & Fill: Only minor leveling of the drilling site is anticipated.
- D. The surface will be topped with compacted caliche and the reserve pits will be lined with 12 mil plastic.

10) Plans for Restoration of the Surface:

- A. After completion of drilling and/or completion operations, all equipment and other material, not needed for operations, will be removed. Pits will be filled and the location cleaned of all trash and junk to leave the well site in as aesthetically pleasing a condition as possible.
- B. Any unguarded pits containing fluids will be fenced until they are filled.
- C. If the proposed well is non-productive, Apache Corporation will comply with all rehabilitation and/or vegetation requirements of the Bureau of Land Management, and such rehabilitation will be accomplished as expeditiously as possible. All pits will be filled and leveled within 90 days after abandonment.

11) Other Information:

Topography: The wellsite and access road are located in the Querecho Plains and are relatively flat.

Soil: The proposed location, access road and production facilities consist of sandy soil. Slope in the proposed area ranges from zero (0) to five (5) degrees.

Flora and Fauna: Vegetation is one of a grassland environment and a scrub-grass, scrub disclimax community. The wildlife consists of rabbits, coyotes, rattlesnakes, lizards, dove, quail and other wildlife typical of the semi-arid desert land.

Ponds and Streams: There are no ponds, lakes, streams or feeder creeks in the immediate area.

Residences and Other Structures: There are no occupied residences or other structures on or near the proposed location.

Land Use: The land is used for grazing cattle.

Surface Ownership: The surface is owned by Bob McCasland, Hill Ranch, P.O. Box 206, Eunice, New Mexico 88231, 505-394-3022. A Surface Damage Release agreement for this tract has been executed by Bob McCasland and Apache Corporation.

Archaeological, Historical, and Other Cultural Sites:

Don Clifton, Archaeological Consultant, of Pep, New Mexico, has conducted an archaeological survey of the proposed Lea County Federal #2 well which covers the drilling location, production facilities, and access road, including a corridor along said access road for power and flow lines. His report was filed under separate cover.

I. Senior Representative (Manager, Engineering & Production):

Ross Murphy  
Apache Corporation  
Suite 1500 – Two Warren Place  
6120 South Yale Avenue  
Tulsa, Oklahoma 74136  
(918) 491-4834

Project (Operations Engineer):

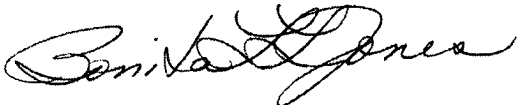
Kevin Mayes  
Apache Corporation  
Suite 1500 – Two Warren Place  
6120 South Yale Avenue  
Tulsa, Oklahoma 74136  
(918) 491-4972

Drilling Operations (Operations Engineer):

Glenn Bone  
Apache Corporation  
Suite 1500 – Two Warren Place  
6120 South Yale Avenue  
Tulsa, Oklahoma 74136  
(918) 491-4907

Certification

I hereby certify that Apache Corporation has inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Apache Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



Bonita L. L. Jones, RPL, Consulting Landman  
Agent for Apache Corporation  
P. O. Box 8309  
Roswell, New Mexico 88202-8309  
(505) 624-9799 FAX (505) 624-9799  
E-Mail: bonitaj@cableone.net

Date: 04/14/05



EXHIBIT D-7

## State of New Mexico

## DISTRICT I

1220 N. FRANKLIN DR., BOHRS, NM 87240

Energy, Minerals and Natural Resources Department

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

Form C-102  
 Revised JUNE 10, 2003  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brasos Rd., Artesia, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-37236</b>	Pool Code <b>06660</b>	Pool Name <b>22901990 - Eunice Blinbry, Tubb, Drinkard</b>
Property Code <b>34810</b>	Property Name <b>LEA COUNTY FEDERAL</b>	Well Number <b>2</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3478'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
9	5	21-S	37-E		3630	NORTH	330	EAST	LEA

## Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <b>40.00</b>	Joint or Infill	Consolidation Code	Order No.						

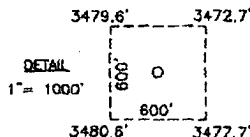
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LOT 4	LOT 3	LOT 2	LOT 1
37.37 AC LOT 5	37.50 AC LOT 6	37.54 AC LOT 7	37.77 AC LOT 8
40.00 AC LOT 12	40.00 AC LOT 11	40.00 AC LOT 10	40.00 AC LOT 9
40.00 AC LOT 13	40.00 AC LOT 14	40.00 AC LOT 15	40.00 AC LOT 16
40.00 AC	40.00 AC	40.00 AC	40.00 AC

GEODETIC COORDINATES  
NAD 27 NME

Y=551968.7 N  
 X=856431.2 E

LAT.=32°30'43.77" N  
 LONG.=103°10'37.54" W



SCALE: 1" = 2000'

## OPERATOR CERTIFICATION

I hereby certify the the information  
 contained herein is true and complete to the  
 best of my knowledge and belief.

Signature  
 Printed Name  
 Title  
 Date

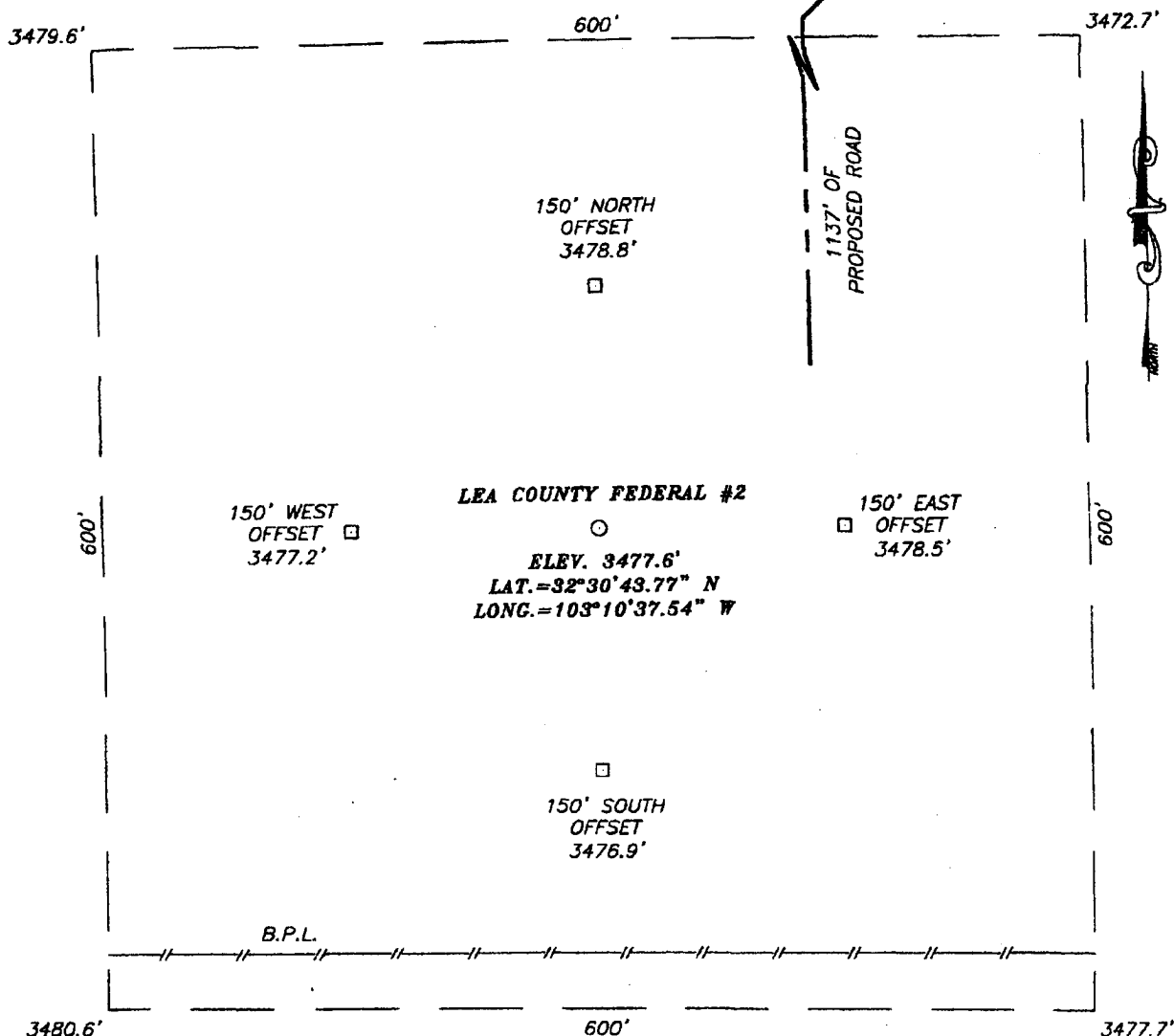
## SURVEYOR CERTIFICATION

I hereby certify that the well location shown  
 on this plat was plotted from field notes of  
 actual surveys made by me or under my  
 supervision and that the same is true and  
 correct to the best of my belief.

MARCH 8, 2005

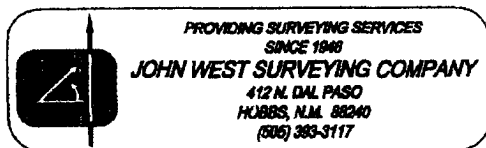
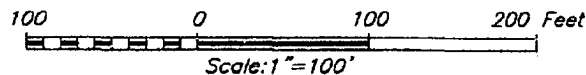
Date Surveyed  
 Signature  
 Professional Surveyor  
 Certificate No. 12841

**SECTION 5, TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,**  
**LEA COUNTY, NEW MEXICO**



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF ST. HWY. #18 AND  
 STATE HWY. #207. GO WEST ON ST. HWY. #207  
 APPROX. 0.2 MILES TO PAST MILE POST 11. TURN  
 WEST AND GO APPROX. 0.2 MILES SW. FOLLOW  
 LEFT FORK AND GO APPROX. 1.7 MILES. TURN  
 SOUTH AND GO APPROX. 0.2 MILES TO THIS  
 LOCATION.



**APACHE CORPORATION**

LEA COUNTY FEDERAL #2 WELL  
 LOCATED 36.30 FEET FROM THE NORTH LINE  
 AND 330 FEET FROM THE EAST LINE OF SECTION 5,  
 TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.P.M.,  
 LEA COUNTY, NEW MEXICO.

Survey Date: 03/08/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0390	Dr By: D. LOVE
Date: 03/10/05	Rev 1: N/A
Disk: CD#4	05110390
Scale: 1"=100'	

Lea County Federal #2  
Sec 5, T21S, R 37E

Lea County, NM

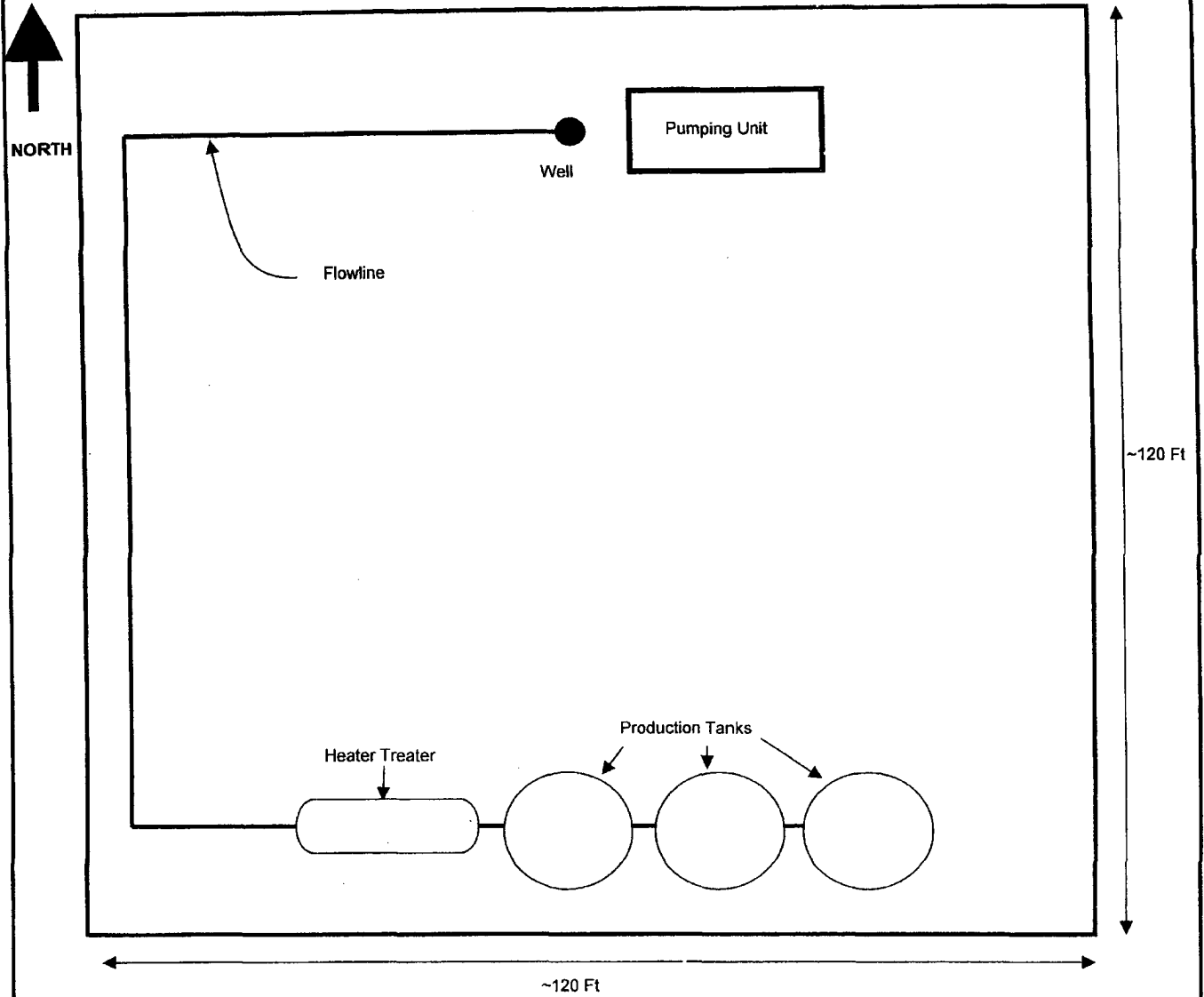
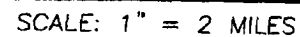
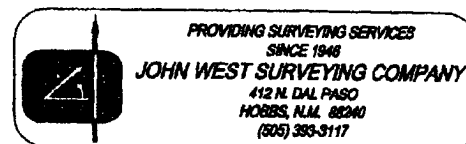


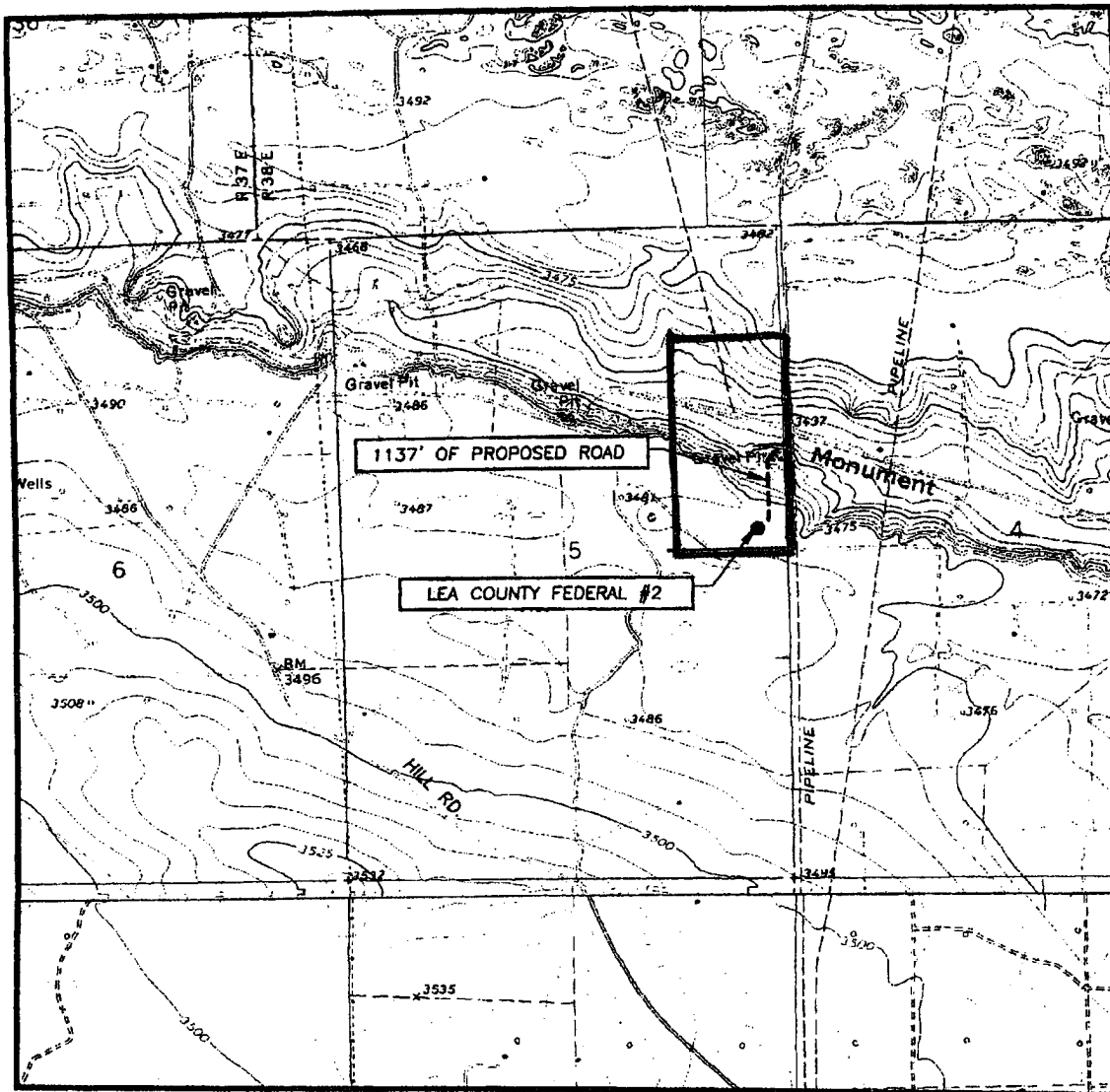
EXHIBIT E-1



LEASE LEA COUNTY FEDERAL



# LOCATION VERIFICATION MAP

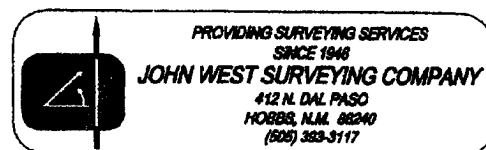


SCALE: 1" = 2000'

CONTOUR INTERVAL:  
HOBBS SW, N.M. - 5'  
EUNICE, N.M. - 10'

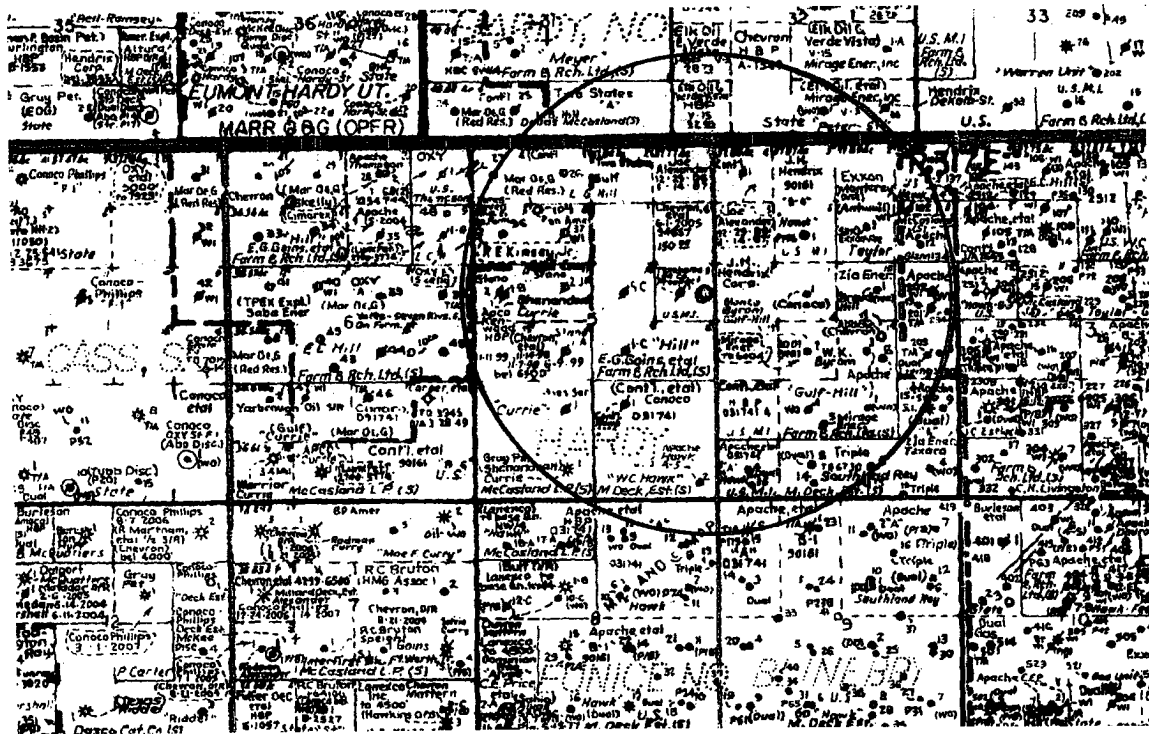
SEC. 5 TWP. 21-S RGE. 37-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 3630' FNL & 330' FELELEVATION 3478'OPERATOR APACHE CORPORATIONLEASE LEA COUNTY FEDERAL

U.S.G.S. TOPOGRAPHIC MAP  
HOBBS SW, N.M. & EUNICE, N.M.



———— LEASE BOUNDARY

Lea County Federal #2  
Lot 9, Section 5, T21S-R37E, NMPM  
3,630' FNL, 330' FEL  
Lea County, New Mexico



The diagram illustrates a well site layout with the following components and dimensions:

- OUTSIDE PIT:** A large rectangular area at the top, measuring 100' in width and 100' in height.
- INSIDE PIT:** A smaller rectangular area within the outside pit, measuring 5' in depth on the left and 5' in depth on the right.
- RESERVE SHOULD BE PUSHED OUT:** A note indicating the location of the reserve.
- 5' DEEP:** Two labels indicating the depth of the pits.
- 10':** A vertical dimension line indicating the height of the pits.
- 20':** A vertical dimension line indicating the height of the rig and boom area.
- 40':** A vertical dimension line indicating the total height of the site.
- MUD PUMP:** Two rectangular boxes labeled "MUD PUMP" located to the left of the rig.
- RIG:** A long rectangular box labeled "RIG" measuring 100' in length.
- BOOM:** A rectangular box labeled "BOOM" located to the right of the rig.
- DOGHOUSE:** A rectangular box labeled "DOGHOUSE" measuring 120' in length, located below the rig.
- PIPE RACKS:** Two vertical rectangular boxes labeled "PIPE RACKS" located to the right of the doghouse.
- CELLAR 4X6X4 BOX (Cellar should not be dug with dozer):** A note indicating the location of the cellar.
- HM:** A small rectangular box labeled "HM" located to the left of the water tank.
- WATER TANK:** A rectangular box labeled "WATER TANK" located to the left of the doghouse.
- AE:** A small rectangular box labeled "AE" located to the left of the doghouse.

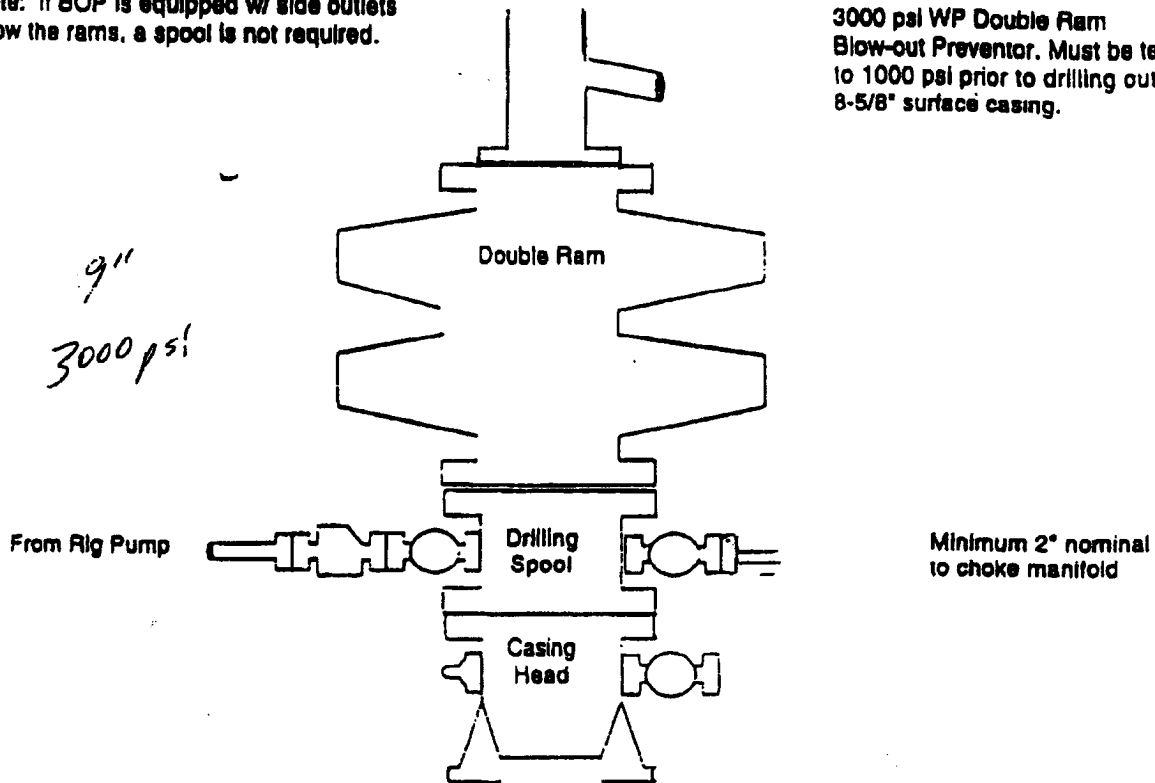
## Location Specs

# Exhibit H

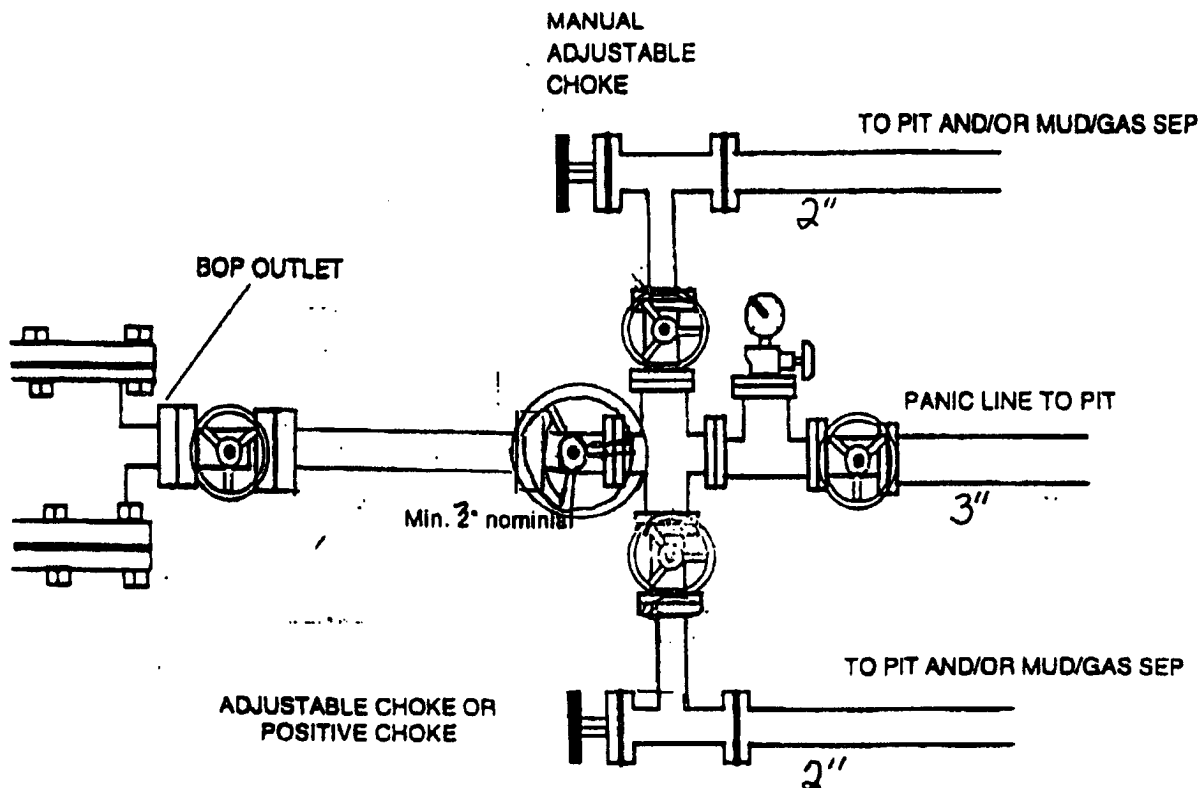
## BOP Schematic

\*Note: If BOP is equipped w/ side outlets below the rams, a spool is not required.

3000 psi WP Double Ram  
Blow-out Preventor. Must be tested  
to 1000 psi prior to drilling out  
8-5/8" surface casing.



## Choke Manifold Schematic





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

State of New Mexico  
Energy Minerals and Natural Resources

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

Form C-144  
June 1, 2004

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 ☒

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

Operator: <u>Apache Corporation</u> Telephone: <u>918-491-4907</u> e-mail address: <u>glenn.bone@apachecorp.com</u>	
Address: <u>6120 S. Yale, Suite 1500, Tulsa, OK 74136</u>	
Facility or well name: <u>Lea County Federal #2</u> API #: <u>30-025-37236</u> U/L or Q/L/Q/T: <u>Lot 9</u> Sec <u>5</u> T <u>21 S</u> R <u>37 E</u>	
County: <u>Lea</u> Latitude <u>32°30'43.77" N</u> Longitude <u>103°15'37.54" W</u> NAD: 1927 <input checked="" 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"/>	
<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input type="checkbox"/> Thickness <u>12</u> mil Clay <input type="checkbox"/> Pit Volume <u>7105</u> bbl	
<b>Below-grade tank</b> 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) <u>50 feet or more, but less than 100 feet</u> - 70 ft (10 points) 10 100 feet or more (0 points)
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) <u>No</u> (0 points)
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) <u>1000 feet or more</u> (0 points)
Ranking Score (Total Points) <u>10 pts.</u>	

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:

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: 5/12/05

Printed Name/Title: Glenn Bone - Drilling Engineer Signature: [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:

MAY 17 2005

PAUL F. KAUTZ

PETROLEUM ENGINEER

Signature: [Signature]

Date: \_\_\_\_\_