

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., 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 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
Permit 1306

APPLICATION FOR PERMIT TO DRILL

| | | |
|--|-----------------------|----------------------------|
| Operator Name and Address APACHE CORP Two Warren Place, Suite 1500 Tulsa, OK 74136-4224 | | OGRID Number 873 |
| | | API Number 30-025-36803 |
| Property Code 22503 | Property Name NEDU | Well No. 933 |

Surface Location

| | | | | | | | | | |
|----------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|---------------|
| UL or Lot P | Section 23 | Township 21S | Range 37E | Lot Idn P | Feet From 330 | N/S Line S | Feet From 330 | E/W Line E | County Lea |
|----------------|---------------|-----------------|--------------|--------------|------------------|---------------|------------------|---------------|---------------|

Proposed Pools

| |
|---------------------------------|
| BLINEBRY OIL AND GAS (OIL) 6660 |
| DRINKARD 19190 |
| TUBB OIL AND GAS (OIL) 60240 |

| | | | | |
|-----------------------|------------------------|-----------------------|-----------------------|--------------------------------|
| Work Type New Well | Well Type OIL | Cable/Rotary | Lease Type Private | Ground Level Elevation 3397 |
| Multiple Y | Proposed Depth 6900 | Formation Drinkard | Contractor | Spud Date |

Proposed Casing and Cement Program

| | | | | | | |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
| Surf | 12.25 | 8.625 | 24 | 1300 | 650 | |
| Prod | 7.825 | 5.5 | 17 | 6900 | 1250 | |

Proposed Blowout Prevention Program

| | | | |
|------------|------------------|---------------|--------------|
| Type | Working Pressure | Test Pressure | Manufacturer |
| Double Ram | 2000 | 3000 | |

| | | | |
|--|---------------------|--|-----------------------------|
| I hereby certify that the information given above is true and complete to the best of my knowledge and belief. | | OIL CONSERVATION DIVISION | |
| Electronically Signed By: Lana Williams | | Electronically Approved By: Chris Williams | |
| Title: Drilling Clerk | | Title: District Supervisor | |
| Date: 08/04/2004 | Phone: 918-491-4900 | Approval Date: 08/11/2004 | Expiration Date: 08/11/2005 |
| | | Conditions of Approval: No Conditions | |

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Energy Minerals and Natural Resources
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1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-144
August 5, 2004

For drilling and production facilities, submit to appropriate NMOC 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: Apache Corporation Telephone: (918) 491-4800 e-mail address: clinton.mills@apachecorp.com
Address: Two Warren (Mace, Suite 1500, 6120 S. Yale Tulsa Oklahoma 74136-4224
Facility or well name: NRDU #933 API #: 30-025-34803 U/L or O/L or P Sec 23 T 21S R 37E
County: Lea Latitude 32°27'28.80"N Longitude 103°07'32.81" NAD: 1927 ☒ 1983 Q Surface Owner Federal Q State D Private ☒ Indian D

| | | |
|--|--|-----------|
| Pit or Below-Grade Tank Volume: bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not, explain why not: _____ Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Lining type: Synthetic <input checked="" type="checkbox"/> Thickness: 12 mil Clay <input type="checkbox"/> Volume: 7105 bbl | Below-grade tank Volume: bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" 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 - 70 ft (10 points) 100 feet or more (0 points) | 10 Pts |
| 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) | |
| 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) | |
| Ranking Score (Total Points) | | 10 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:

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.

I hereby certify that the information above is true and complete to me 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 NMOC guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: 8/05/2004

Printed Name/Title: Clint Mills - Drilling Engineer

Signature: *Clint Mills 8/5/04*

Your certification and NMOC 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, SWOP, or local laws and/or regulations.

Approval:

Date: 8/16/04

Printed Name/Title: CHRIS WILLIAMS, DIST SUPER

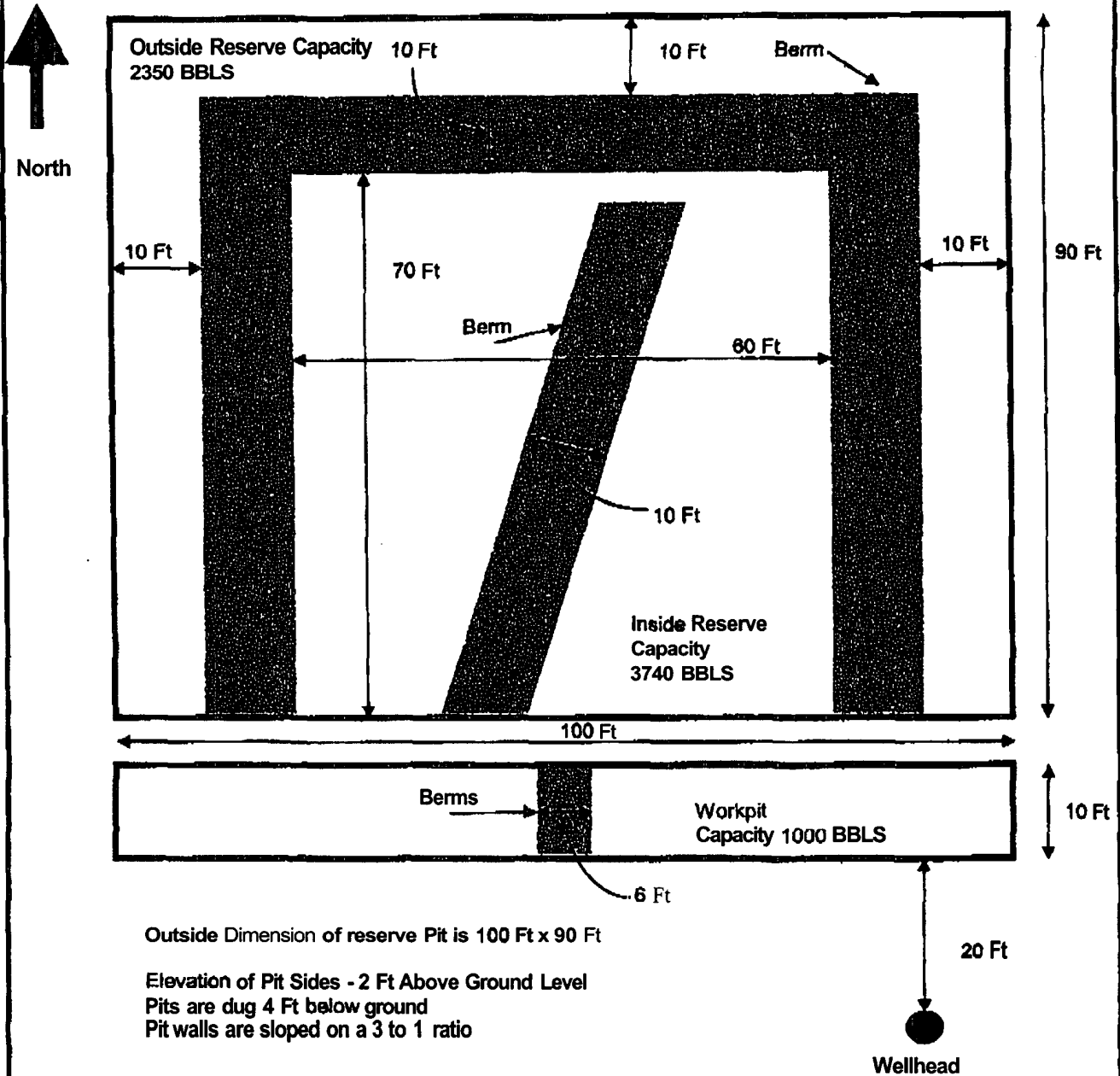
Signature: *Chris Williams*

NEDU 933 - Mud Pits

Sec. 23, T 21S, R 37 E
Lea County, NM



Top Soil pushed back off of Reserve pit prior to digging pits



Outside Dimension of reserve Pit is 100 Ft x 90 Ft

Elevation of Pit Sides - 2 Ft Above Ground Level

Pits are dug 4 Ft below ground

Pit walls are sloped on a 3 to 1 ratio