

APPENDIX 1.0-2

Only 1997

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT, at

APPLICATION FOR PERMIT TO DRILL AND DEEPEN

1. TYPE OF WELL
DRILL ☐ DEEPEN ☐ Reenter

2. TYPE OF WELL
Oil ☐ Gas ☐ Other ☐ Class I Waste Disposal Well ☐ Other ☒

3. NAME OF OPERATOR
Navajo Refining Company

4. ADDRESS AND TELEPHONE
Post Office Box 159, Artesia, New Mexico 88211

5. LOCATION OF WELL (Report location clearly and in accordance with API Spec. Requirements)
At surface 1980' FWL and 660' FWL Unit Letter E
At proposed prod. zone

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
11 air miles east-southeast of Artesia

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest city, town, etc., if any)

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DIRECTION, COMPLETION, OR OTHER USE OF THIS LAND, FT.

9. PROPOSED DEPTH
9200'

10. DEPTH OF CABLE TOOLS
Rotary

11. APPROVAL DATE WHEN WELL STARTS
May 1, 1999

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Proposed reentry of the Eastland Oil Company (originally Fred Pool Drilling, Inc.) Chukka Federal No. 2 (PBD 1912 feet, September 10, 1985) formerly Amoco Production Company Diamond Federal Gas Com. No. 1 (OTD 10,372 feet, P&A August 31, 1973). The well currently produces oil and gas from perforations from 1446 feet to 1462 feet (P&A).

Navajo will squeeze the perforations from 1446 feet to 1462 feet, drill out cement plugs and clean out the well to 9200 feet, set 5-1/2 inch casing at 9200 feet and cement to the surface, perforate porous intervals in the Lower Wolfcamp, Cisco, and Canyon Formations between 7270 feet and 9200 feet, and conduct injectivity tests.

Attached are the Well Location Plan, Drilling Program, and Surface Use Plan.

SUBJECT TO
LIKE APPROVAL
BY STATE AND RIGHT OF WAY APPROVAL

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

4 ABOVE SPACE DESCRIBES PROPOSED PROGRAM. If proposed is to deepen, give data on present production and on proposed program. If proposed is to drill or re-enter, give pertinent data on subsurface conditions and measured and true vertical depths. Give blowout prevention program, if any.

NAME David Moore TITLE ENV. Mgr. DATE 4/14/99
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
Application approved does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would enable the applicant to conduct operations thereon
CONDITIONS OF APPROVAL, IF ANY

APPROVED BY (ORIG. SGD.) DAVID R. GLASS TITLE REGIONAL ENGINEER DATE APR 27 1999

See Instructions On Reverse Side

It is U.S.C. Section 1001, which is a crime for any person knowingly and willfully to make to any department or agency of the United States any false statement or fraudulent statement or representation as to any matter within its jurisdiction.

BEFORE EXAMINED BY
OIL FIELD OFFICE

4

CASE NO. _____

APR-27-1999 11:12 FROM: BUREAU OF LAND MANAGEMENT TO

8-7138803248 P.03

CONDITIONS OF APPROVAL - DRILLING

Operator's Name: Navajo Refining Company Well No. 2 - WDW
Location: 1980' ENL & 660' FWL sec. 12, T. 18 S., R. 27 E.
Lease: NM-6852

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I. DRILLING OPERATIONS REQUIREMENTS: [Deepening]

1. The Bureau of Land Management (BLM) is to be notified at (505) 887-6544 in sufficient time for a representative to witness:

A. Cementing casing: 5-1/2 inch

2. Unless the injection casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.

II. CASING:

1. Minimum required fill of cement behind the 5-1/2 inch injection casing is sufficient to circulate to the surface.

III. PRESSURE CONTROL:

1. Before drilling into the 100 foot 8-5/8 inch surface casing shoe cement plug at approximately 1912 feet, the blowout preventer assembly shall consist of a minimum of One Annular Preventer, Two Ram-Type Preventers, and a Kelly Cock/Stabbing Valve

2. Minimum working pressure of the blowout preventer and related equipment (BOPE) shall be 3000 psi.

3. After drilling into the 100 foot 8-5/8 inch surface casing shoe cement plug at approximately 1912 feet and before drilling into the 100 foot Abo cement plug at approximately 5450 feet, the BOPE shall be tested as described in Onshore Order No. 2. Any equipment failing to test satisfactorily shall be repaired or replaced.

A. The results of the test will be reported to the BLM Carlsbad Resource Area office at 620 East Greene Street, Carlsbad, New Mexico 88220-6292.

B. Testing fluid must be water or an appropriate clear liquid suitable for sub-freezing temperatures. Use of drilling mud for testing is not permitted since it can mask small leaks.

C. Testing must be done in a safe workman like manner. Hard line connections shall be required.