

Form 2160-1
(November 1983)
(State only)

U.S. OIL GUNS. COMMISSION
P. O. BOX 1980
NEW MEXICO 88240

SUBMIT IN TRI-STATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0136
Expires August 31, 1985



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 2. NAME OF OPERATOR
 Texaco Inc.
 3. ADDRESS OF OPERATOR
 P. O. Box 728, Hobbs, New Mexico 88240
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 Unit Letter K, 1820' FSL & 2140' FWL, Section 29,
 At proposed prod. zone T-15-S, R-30-e
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 23 Miles East of Lake Arthur, New Mexico
 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 1820' S (Lease Line), 820' N (Drlg Ut)
 16. NO. OF ACRES IN LEASE
 640
 17. NO. OF ACRES ASSIGNED TO THIS WELL
 320
 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1640' S.E.
 19. PROPOSED DEPTH
 10,150'
 20. ROTARY OR CABLE TOOLS
 Pulling Unit
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3953' D.F.
 22. APPROX. DATE WORK WILL START*
 July, 1986

5. LEASE DESIGNATION AND SERIAL NO.
 NM-0338-A
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 Peery Federal
 9. WELL NO.
 3
 10. FIELD AND POOL, OR WILDCAT
 Undesignated Morrow
 11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
 Sec. 29, T-15-S, R-30-e
 12. COUNTY OR PARISH
 Chaves
 13. STATE
 N.M.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	458'	600 sxs - Cmt. Circulated
12-1/4"	9-5/8"	36#	2930'	1700 sxs - Cmt. Circulated
8-3/4"	5-1/2"	17#	11,250'	250 sxs - TOC @ 9943' by T.S.
4.9"	*2-7/8"	6.5#	10,150'	804 sxs - To be circulated

* Proposed liner to be run in hole.

Well was previously plugged back with cement plug at 10,509' to 10,962', it is proposed to run a full 2-7/8" liner from Surface to 10,150' and use this string for production. (No tubing to be run in 2-7/8" liner).

- 1.) Move in and rig up Pulling Unit, install BOP.
- 2.) Shoot 2 squeeze perfs in 5-1/2" casing @ 9936', set cement retainer at 9800' and squeeze with 250 sacks Class "H", sting out of retainer and reverse out excess cement. WOC 24 hours.
- 3.) Drill out cement and retainer, test to 500# and re-squeeze if necessary.
- 4.) Run 10,150' of 2-7/8", 6.5#, N-80 Liner with Float Shoe, Float Collar and D.V. Tool @ 4000'. Cement 1st stage with 485 sacks Class "H" with .3% CFR-2, cement 2nd stage with 320 sacks Class "H" NEAT. WOC 24 hours.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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 W.B. CADE TITLE Dist. Oper. Manager DATE 6/20/86

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY:

APPROVED
 PETER W. CHESTER
 JUN 27 1986
 BUREAU OF LAND MANAGEMENT
 ROSWELL RESOURCE AREA

*See Instructions On Reverse Side

- 5.) GIH with 2-5/16" Bladed bit on 2-1/16" Hydril workstring, drill out to 10,050', test casing to 4500#.
- 6.) Install tree and load hole with 2% KCl water.
- 7.) Perforate Morrow at 9962' - 9977' with 2 SPF.
- 8.) Swab and evaluate, if necessary, acidize with 1,000 gallons of 7-1/2% Morflow Acid and 25 MCF N2.
- 9.) Swab back load and place on production.

RECEIVED
JUL 7 1986
C.C.F.
HOBBS OFFICE