

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐DEEPEN ☐PLUG BACK ☒

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

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

10. DISTANCE FROM PROPOSED* 1820'S (Lease Line)

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 1820'N (Drlg Ut)

640

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. #2 1640' SE

#4 3530' NE

19. PROPOSED DEPTH

10,070'

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

3953' D.F.

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. Circ.
12-1/4"	9-5/8"	36#	2930'	1700 sxs - Cmt. Circ.
8-3/4"	5-1/2"	17#	11,250'	250 sxs - Top Cmt. @ 9943' by Temp. Survey.

Well No. 2 is completed in the Morrow, but is temporarily abandoned. It is proposed to plug back with a CIBP @ 10,100' and 30' cement on top, PBTD 10,070'. Perforate two (2) squeeze holes at 9936' and squeeze with 200 sacks Class "C" cement. Clean out cement to 10,070', spot 200 gallons acid across perforations, install packer and tubing, and perforate Morrow at 9962' to 9977' with 32 holes. Swab and/or flow well to test. If necessary, acidize perforations with 1000 gallons of 7-1/2% Morflow acid with N₂ and balls. Swab back and/or flow to test.

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. Operations Manager DATE 8/8/85

(This space for Federal or State office use)

PERMIT NO.

APPROVED
PETER W. CHESTER

APPROVAL DATE

APPROVED BY

AUG 19 1985

TITLE

CONDITIONS OF APPROVAL, IF ANY:

BUREAU OF LAND MANAGEMENT
ROSWELL RESOURCE AREA

*See Instructions On Reverse Side