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FILE	☒
P.E.O.B.	☒
FIELD OFFICE	☒
OPERATOR	☒

P. O. BOX 2068
SANTA FE, NEW MEXICO 87501

FEB 26 '88

3A. Indicate Type of Lease STATE ☒ FEDERAL ☐
3. State Oil & Gas Lease No. K-5017
7. Unit Agreement Name
8. Form or Lease Name Todd 2 State
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated Delaware
12. County Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK. D.

ARTESIA, OFFICE

DRILL ☐

DEEPEN ☐

PLUG BACK ☒

CAS WELL ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

Operator
Texaco Producing Inc. ☒

Address of Operator
P. O. Box 728, Hobbs, New Mexico 88240

Location of Well
UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE
1980 FEET FROM THE West LINE OF SEC. 2 TWP. 24-S RGE. 31-E MAP

12. County
Eddy

19. Proposed Depth

10,765' PBTD

19A. Formation

Delaware

20. Rotary or C.T.

Pulling Unit

21. Kind & Status Plug. Bond

3475 GR

21A. Kind & Status Plug. Bond

Blanket

21B. Drilling Contractor

22. Approx. Date Work will start

March 7, 1988

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	48#	635'	700	Circulated
12-1/2"	10-3/4"	51#, 45.5#, 40.5#	4430'	2200	Circulated
9-1/2"	7-5/8"	38#, 33.7#, 39#	12,534'	3400	Surf. (Calc)
6-1/2"	5"	23.6#	12,096-14,966'	600	T.O.L. (Calc)

Well is currently completed in the Cotton Draw Bone Springs.

1. MIRU. Pull rods & pump. Install BOP. Pull tubing.
2. GIH w/7-5/8" CIBP & set @ 10,800'. Dump 35' cement on top.
3. GIH w/7-5/8" packer. Spot acetic acid from 7240-7133'. Set packer @ 7100'.
4. Perf interval 7210'-7217' w/2 JSPF (8 Ft., 16 Holes).
5. Swab test well.
6. Load backside to 1000 psi. Acidize perfs w/2000 gallons 15% NEFE. Max. rate & pressure: 3 BPM, 3000 PSI.
7. Flow/swab back residue.
8. Frac w/20,000 gallons cross-linked gel, 2% KCL and 30,000 Lbs. 20/40 mesh sand.
9. SI 4 hours. Swab/flow back frac residue. Release packer. POH.
10. Run production equipment. Test & evaluate.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9/2/88
UNLESS DRILLING UNDERWAY

DOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

J. A. Schaffer

Title District Operations Manager

Date 2/23/88

(This space for State Use)
Original Signed By

Mike Williams

APPROVED BY
Oil & Gas Inspector

TITLE

DATE

MAR 7 1988