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NEW MEXICO OIL CONSERVATION COMMISSION

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Form C-101
Revised 1-1-65

5A. Indicate Type of Lease: STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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 ☐

7. Unit Agreement Name

8. Farm or Lease Name: Owen

2. Name of Operator: OXY USA, Inc.

9. Well No.: 8

3. Address of Operator: P. O. Box 50250 - Midland, TX 79710

10. Field and Pool, or Wildcat: Wantz Abo/~~Drinkard~~ Tubb

4. Location of Well: UNIT LETTER I LOCATED 1830 FEET FROM THE South LINE AND 710 FEET FROM THE East LINE OF SEC. 35 TWP. 21S RGE. 37E NMPM

12. County: ~~Eddy~~ Lea

19. Proposed Depth: 7825

19A. Formation: Tubb

20. Rotary or C.T.: Compl. Unit

21. Elevations (Show whether DF, RT, etc.): 3370' GR

21A. Kind & Status Plug. Bond: Required/Blanket

21B. Drilling Contractor: Unknown

22. Approx. Date Work will start: When permit approved

23. 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#	30'	81 sacks	Circulated
12-1/4"	9-5/8"	36#	1119'	550 sacks	Circulated
8-3/4"	7"	23# & 26#	7824'	2650 sacks	Circulated

O.T.D. 7825' Granite PBTD 7311'. It is proposed to plug and abandon the Drinkard Zone Perfs @ 6473-6359' and test the Tubb in the following manner:

1. MIRU pulling unit. Set blanking plug in F profile nipple @ 6660'. Pressure test plug to 500#. ND WH, NU BOP. Release Baker Model J latch-in assembly and unseat Drinkard tbg string @ 6536' (tbg anchor) & POOH. Release Baker Model DB anchor seal assembly from Baker Model DB & POOH w/Abo tbg & Baker parallel anchor.
2. RIH w/6-1/8" RB and 7" csg scraper on 2-3/8" tbg to 6650'. TOOH w/RB, scraper, and tbg. RIH w/RBP on 2-3/8" tbg. Set RBP @ 6600', dump 2 sacks sand on top of RBP and test RBP to 1500#. TOOH w/tbg. TIH w/7" SV EZ-drill retainer and set retainer @ 6375'. Mix and pump 150 sx Class H + 0.5% Halad-9 + 3#/sk sand followed by 200 sx Class H neat. Sting out of retainer and TOOH w/tbg.

(CONTINUED ON REVERSE SIDE)

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. 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.

Signed [signature] Title Dist. Oper. Mgr. -Production Date 8-16-88

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT 1 SUPERVISOR

APPROVED BY ______ TITLE ______ DATE AUG 29 '88

CONDITIONS OF APPROVAL, IF ANY:

3. TIH w/6-1/8" RB, 7" csg scraper, 6 - 3-1/2" DC's on 2-3/8" tbg. Drill out retainer and cmt to 6600', pressure test csg to 300#. Clean out wellbore to RBP. Circ hole w/2% KCl wtr. TOOH w/RB, scraper, DC's and tbg.
4. Perforate Tubb formation w/4 SPF at 6120', 24', 31', 36', 45', 53', 60', 78', 93', 96', 6207', 19', 28', 35', 6251',. Total of 56 Holes set @ 6600' and reset.
5. TIH w/treating pkr on 2-3/8" tbg and retrieve RBP, RBP @ 6400'. Test RBP to 3000#. PU on pkr to 6000' and set pkr. Acidize Tubb perfs (6120'-6251') w/3250 gals 15% NeFe HCl acid.
6. Swab test.
7. TOOH w/treating pkr and tbg.
8. If necessary, frac Tubb perfs (6120'-6251') down 7" csg w/40,000 gals of 65 quality CO_2 foam containing 50,000# 20/40 sand.
9. Kill well, TIH w/tbg and retrieve RBP; set @ 6400' and TOOH w/RBP and tbg. TIH w/Abo tbg string w/seal assembly and Baker Model K dual pkr. Stab Abo tbg into Model BD pkr @ 6640'. Set Model K pkr @ 6020'. RIH w/Tubb tbg string w/seal assembly to 6010' and circ. backside w/pkr fluid. FIH w/tbg and stab into Model K pkr @ 6020'.
10. Swab Tubb zone back in, and flow back well until well cleans up. SI well for 72 hours.
11. Fish blanking plug in Abo tbg string from Model DB pkr @ 6600'. Swab Abo zone back in.
12. RIH w/BHP bomb w/24 hour clock and run 4 - point test on Tubb zone.
13. Run NMOCD packer leakage test. Put both zones on production.