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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. NM-21
7. Unit Agreement Name
8. Firm or Lease Name State "A" V/c-2
9. Well No. 15
10. Field and Pool, or Wildcat Arrowhead Grayburg
12. County Lea
19. Proposed Depth 3675
18A. Formation Seven Rivers Queen
20. Rotary or N.T.
21. Depth (Show whether DF, RT, etc.) 3561' DF
21A. Kind & Status Plug Bond
21B. Drilling Contractor
22. Approx. Date Work will start Upon Approval

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 ☐
2. Name of Operator Texas Pacific Oil Company, Inc.
3. Address of Operator P. O. Box 1069, Hobbs, New Mexico 88240
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 ; FEET FROM THE West LINE OF S. C. 11 T.W.P. 22-S RGE. 36-E N.M.P.M.
11. Proposed Depth 3675
18A. Formation Seven Rivers Queen
20. Rotary or N.T.
21. Depth (Show whether DF, RT, etc.) 3561' DF
21A. Kind & Status Plug Bond
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PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
	12 1/2"	40#	343	250	
	7"	24#	3710	400	

1. Move in and rig up. Install BOP. Pull tubing and packer.
2. Set retrievable BP at 3675' - Plugging off Grayburg (3710-3851')
3. Perf. south Eunice 3355-68-85-3402-30-57-81-99-3520-28-60-79-86-3612-22-37-49'.
4. Run packer to 3330'. Acidize with 1500 gal 15% N.E.
5. Frac with 5000 gal. pad, 30,000 gal gelled 9# brine plus 40,000# 20/40 sand. Flush.
6. Release packer. Run tubing, swab and test.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSED 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.

Original Signed by Sheldon Ward Title Area Superintendent Date September 18, 1970
(This space for State Use)

APPROVED BY [Signature] TITLE Area Superintendent DATE September 18, 1970
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 21 1970

U.S. CONSERVATION
HOBBBS