

30-025-29526

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
E-1582	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Arco "28" State	
2. Name of Operator Tamarack Petroleum Co., Inc.		9. Well No. 2	
3. Address of Operator 1485 One First City Center; Midland, TX 79701		10. Field and Pool, or Wildcat Reeves (Queen)	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>1650</u> FEET FROM THE <u>East</u> LINE AND <u>330</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>28</u> TWP. <u>18S</u> RGE. <u>35E</u> NMPM		12. County Lea	
19. Proposed Depth 4650		19A. Formation Queen	20. Rotary or C.T. Rotary
21. Elevations (Show whether DE, RT, etc.) 3913.8 GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor TMBR Drilling Co.	22. Approx. Date Work will start Dec. 6, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8 5/8"	24	450	200	surface
7 7/8"	5 1/2"	15.5	4650	2000	surface

1. Drill 11" hole to below the base of fresh water.
2. Run 8 5/8" casing and circulate cement to surface.
3. Test casing and Shaffer Type E 11" 3000 PSI Double Hydraulic Preventer to 2000#.
4. Drill 7 7/8" hole to top of Queen Formation at + 4500'.
5. Core Queen if possibly productive based on drilling time and samples.
6. Run open hole logs
7. If productive set 5 1/2" casing to TD and attempt to cement to surface.
8. Test casing to 2000#
9. Perforate and test as indicated by logs and core.

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 Randy A. McCoy Title Engineering Manager Date 11/27/85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE DATE DEC 2 - 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

DEC 2 - 1985

O.C.D.
HOBBS OFFICE