

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

20-005-2712

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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
b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐
OIL WELL ☐ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Unit Agreement Name
8. Farm or Lease Name
Mahaffey Brvan
9. Well No.
2
10. Field and Pool, or Wildcat
Pearl Queen

2. Name of Operator
OGR Operating Co., Inc.
3. Address of Operator
1140 2 First City Center, Midland, Texas 79701

4. Location of Well
UNIT LETTER M LOCATED 330 FEET FROM THE South LINE
AND 330 FEET FROM THE West LINE OF SEC. 13 TWP. 19 S RGE. 35 E

12. County
Lea

19. Proposed Depth 5500'
19A. Formation Penrose
20. Rotary or C.T. rotary
21. Elevations (show whether DT, RT, etc.) 3740 gl
21A. Kind & Status Plug. Bond blanket
21B. Drilling Contractor WEK Drilling, Inc.
22. Approx. Date Work will start 3-1-85

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	8-5/8	24	1780	810	surf
7-7/8	5-1/2	15.5	5500	400	3500

1. Drill 12-1/4" hole to 1780' with native mud.
2. Run 8-5/8" casing to 1780' & circ cement with 810 sx class C & additives.
3. Install 10" double hydraulic blow out preventers & choke manifold. Test csg & BOP's to 1000 psi for 30 min.
4. Drill to 5500' & evaluate Penrose formation.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

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.

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

Signed [Signature] Title Vice President-Drilling & Production Date 2-22-85

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE FEB 26 1985

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

FEB 25 1985

O.C.D.
HONORARY OFFICE