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JUN 23 1981

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease STATE ☐ REC ☒
5. State Oil & Gas Lease No. NM - 15433
7. Unit Agreement Name
8. Farm or Lease Name Urquidez
9. Well No. 1
10. Field and Pool, or Willcat Loving North
12. County Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

a. Type of work DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐
2. Name of Operator Pogo Producing Company
3. Address of Operator P.O. Box 10340 Midland, Texas 79702
4. Location of well UNIT LETTER L LOCATED 1980 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 10 TWP. 23-S RGE. 28-E
19. Proposed Depth 12,900'
19A. Formation Morrow
20. Rotary or C.T. Rotary
1. Elevation (show whether H, K, etc.) 3018.4' GR
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Warton
22. Approx. Date Work will start August 1, 1981

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#	425	550	Surface-Circ
12 1/4	10 3/4	40.50#	2700	1700	Surface-Circ
9 1/2	7 5/8	26.40 & 29.70#	9700	600	6000'
6 1/2	5	18#	12800	400	9300' TOL

Propose to drill to the Barnett at an expected depth of 12,900'. Cement will be circulated to the surface on the 10 3/4" and 13 3/8" casing strings.

Possible zones for DST are the Cherry Canyon, Strawn, Atoka & Morrow. Adequate logs will be run to evaluate all zones from the Delaware to total depth.

Completion or abandonment will be performed in accordance with prudent practices and NMOCC regulatory requirements.

Mud Program: Spud mud to 425', brine water to 2700', fresh water to 6000' and cut brine to 9700', brine polymer to total depth.

BOP Program: From 425' to 2700' - 12" Schaeffer 900 Series
From 2700' to 12000' - 10" Cameron Type ORC 1500 Series (Sketch attached)

Gas on lease is not dedicated.

APPROVAL VALID FOR 180 DAYS

PERMIT EXPIRES 12-25-81

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.

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

Signed [Signature] Title Division Operations Manager Date June 19, 1981
(This space for State Use)

APPROVED BY [Signature] TITLE OIL AND GAS INSPECTOR DATE JUN 25 1981
CONDITIONS OF APPROVAL, IF ANY: