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NEW MEXICO OIL CONSERVATION COMMISSION

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DEC 12 1979

O. C. C.
ARTEZIA, OFFICE

30-015-23100

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.	
LG-4548	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		6. Farm or Lease Name	
2. Name of Operator Pogo Producing Company		State	
3. Address of Operator P. O. Box 10340 Midland, Texas 79702		9. Well No. 1	
4. Location of Well UNIT LETTER M LOCATED 3300 FEET FROM THE South LINE AND 660 FEET FROM THE West LINE OF SEC. 2 TWP. 21S RGE 28E N44PM		11. Name and Loc. of Wellcat Undesignated	
15. Proposed Depth 12,300		16A. Formation Morrow	
15A. Formation Morrow		16. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3318.8' GR		21A. Kind & Status Plug. Bond \$50,000 Blanket	
21B. Drilling Contractor Warton Drilling Co.		22. Approx. Date Work will start 12-20-79	

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	54.5#	500	450	Circ.
11	8-5/8	24# & 32#	3200	2550	Circ.
7-7/8	5-1/2	17#	12,300	1100	9500'

We propose to drill and test the Morrow formation. Approximately 500' of surface pipe and 3200' of intermediate casing will be set, cement will be circulated on both strings. If commercial, will run 5-1/2" casing and cement to cover top of the Wolfcamp.

Mud Program:

Spud mud to 500', brine to 9500' and salt water gel 9,500' to 12,300'.

BOP Program:

12" - 900 Series 3000# WP Double Shaeffer BOP for intermediate
10" - 1500 Series 5000# WP, Double QRC Cameron for production string. Daily drill,
pipe rams tested daily, blind rams tested before each trip.

Gas sales on this lease are not committed to a purchaser.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES 3-14-80

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 B. Williams Title Div. Operations Manager Date 12/10/79

(This space for State Use)

APPROVED BY W.A. Gressett TITLE SUPERVISOR, DISTRICT II DATE DEC 14 1979

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to
surface behind 13 3/8" + 8 7/8" casing

Notify N.M.O.C.C. in sufficient
time to witness cementing
the 8 7/8" casing