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MEXICO OIL CONSERVATION COMMISSION

30-025-26976

Form C-101
Revised 1-1-65

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED.

EXPIRES 11/7/80

5A. Indicate Type of Lease:
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
L - 4780

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
DRILL ☒ DEEPEN ☐ PLUG BACK ☐		NBR	
b. Type of Well		8. Farm or Lease Name	
OIL WELL ☐ GAS WELL ☒ OTHER ☐		NBR	
2. Name of Operator		9. Well No.	
Pogo Producing Company		1	
3. Address of Operator		10. Field and Pool, or Wildcat	
P.O. Box 10340 Midland, Texas 79702		Wildcat	
4. Location of Well		12. County	
UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE		Lea	
AND 1980 FEET FROM THE East LINE OF SEC. 18 TWP. 22-S RGE. 33-E NMPM			
18. Proposed Depth		19A. Formation	
15,500		Morrow	
20. Rotary or C.T.		Rotary	
21. Elevations (show whether DF, RT, etc.)		22. Approx. Date Work will start	
3631.2 GL		August 12, 1980	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
Blanket on file		Cactus	

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"	54.4#	740	750	Circulate
12 1/4	10 3/4"	40.5# & 51#	5000	1400	Circulate
9 1/2	7 5/8"	26.40# & 29.70#	12000	800	8000'
6 1/2	5"	18#	15300	540	11600'

We propose to drill to the Barnett and test the Morrow formation. Approximately 740' of surface pipe and 5000' of intermediate will be set and cement circulated to the surface on both strings. The 7 5/8" casing will be set near the top of the Wolfcamp and cement will be brought up to 8000'+ in the Bone Springs. A 6 1/2" hole will be drilled to the Barnett and a 5" liner will be set through the Morrow and cemented if commercial.

Mud Program:

Spud mud to 750', brine to 5000', drill out from under 10 3/4" w/fresh water and use cut brine if necessary in Bone Springs, bi-polymer/brine to total depth.

BOP Program:

From 740' to 5000' - 12" Shaffer 900 Series.
From 5000' to 15500' - 11" Shaffer type XHP, 10000# WP. Pipe rams tested daily.
(See attached sketch)

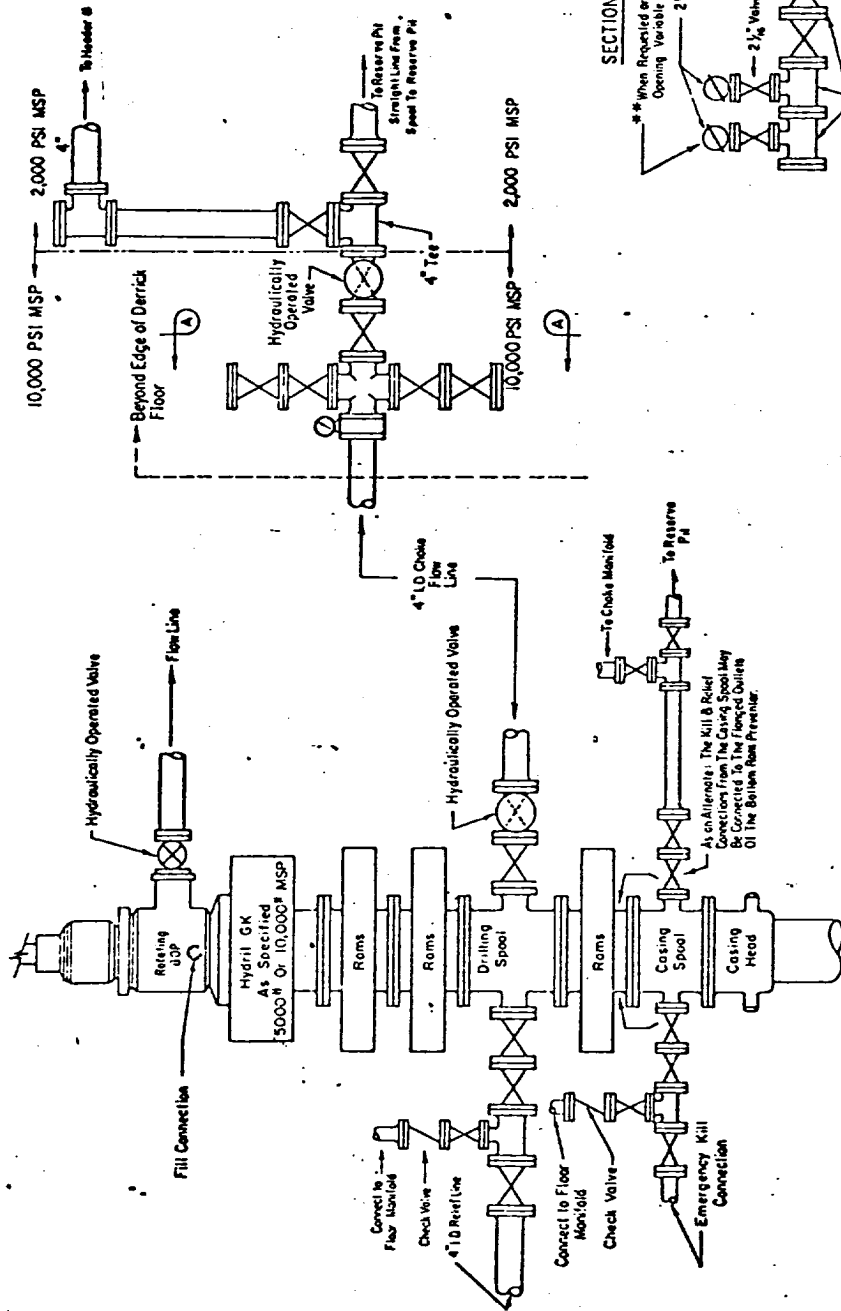
Gas sales on this lease are not committed to purchaser.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION 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. J. Williams Title Division Operations Manager Date August 7, 1980
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE AUG 7 1980
CONDITIONS OF APPROVAL, IF ANY:

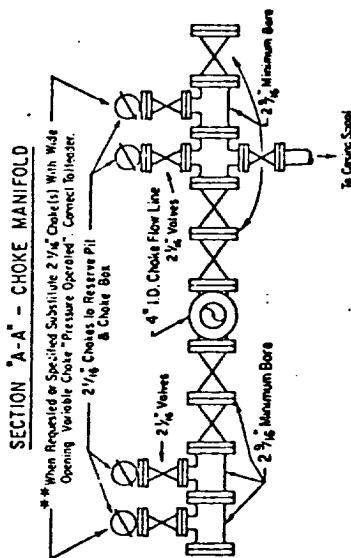


10,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one blind ram preventer and two pipe ram preventer, all hydraulically operated; a Hydril "GK" preventer, a rotating blowout preventer; valves; chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch L.D. choke flow line and 4-inch I.D. relief line, except when air or gas drilling. The Hydril "GK" is to be specified either 5000 PSI or 10,000 PSI working pressure. All preventer connections are to be open-face flanged.

ADDITIONS - DELETIONS - CHANGES SPECIFY

1. OPERATING CASING SPOOL will be 11" 10,000 psi.
2. Hydraulic choke to be furnished by CPELATER.
3. A second pressure regulator is required for use to operate C.I.W. Type F preventers.



CACTUS - RIG 30

2/19/81
Mount Bond Log