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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-85

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			7. Unit Agreement Name		
b. Type of Well DRILL ☐ DEEPEN ☒ PLUG BACK ☐			8. Name of Lease Name		
c. Name of Operator GULF OIL CORPORATION			9. Well No. 5		
3. Address of Operator P.O. Box 670, Hobbs, NM 88240			10. Field and Pool, or Wellbore Wantz Granite Wash		
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980'</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>14</u> TWP. <u>22S</u> RGE. <u>37E</u> NMPM			11. County Lea		
19. Proposed Depth 7700'			19A. Formation Granite Wash		19B. Rotary or C.T. Rotary
21. Elevations (Show whether DI, RI, etc.) 3352' GL		21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Cactus		22. Approx. Date Work will start September 25, 1980

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/4"	13-3/8"	36# & 38#	315'	300	Surface
12 1/4"	9-5/8"	36#	2875'	1300'	1090'
8-3/4"	7"	23#	6400'	700	2300'
6 1/4"	4 1/2"	9.6#	7700'	250	6100'

Proposed deepening plan: Drill 6 1/4" hole to 7700'. Perforations to be determined after examination of logs. Acidize, fracture stimulate and test for production.

Drilling fluids: Fresh water to top of Granite Wash at approximately 7000'. 7000' to 7700' fresh water Benex, weight 8.6, viscosity 35 sec, water loss 5cc.

See attached BOP Drawing #2.

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 RD Pite Title Area Engineer Date September 22, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE [Signature] DATE [Signature]

CONDITIONS OF APPROVAL, IF ANY:

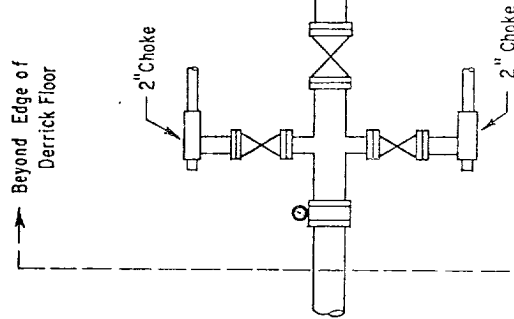
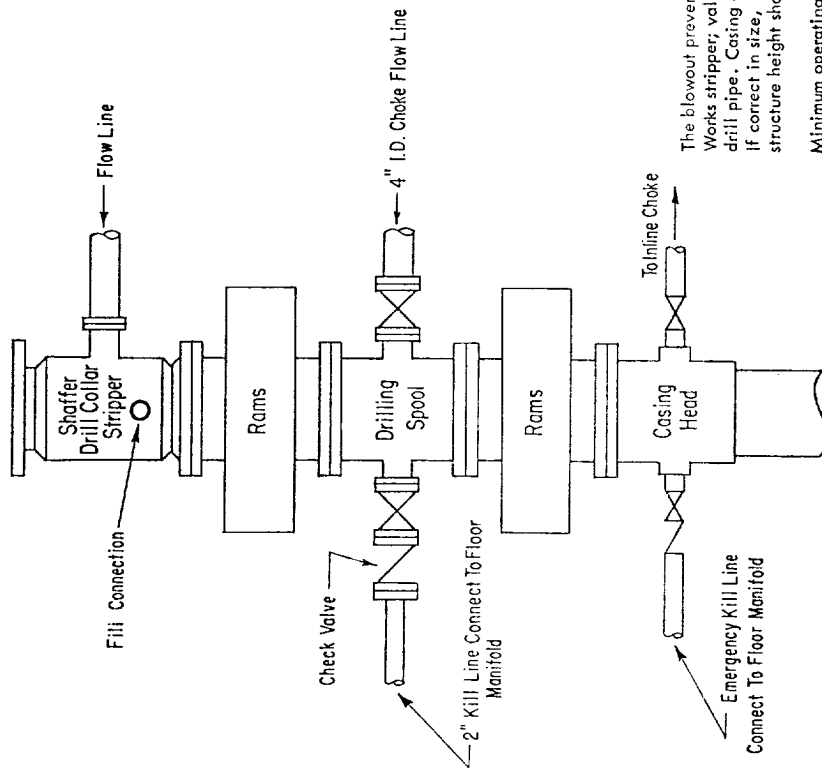
OIL CONSERVATION DIV.

JUL 17 '80

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SEP 22 1980

ADDITIONS -- DELETIONS -- CHANGES SPECIFY



The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated; a Shaffer Tool Works stripper; 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. The ram preventers may be two singles or a double type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers shall be as follows: (1) Pump (s), driven by a continuous source of power, capable of closing all the pressure-operated devices simultaneously within _____ seconds. The pump (s) is to be connected to a closed type hydraulic operating system. (2) When requested, accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive a fluid charge from the above pump (s). With the charging pump (s) shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least _____ percent of the original. (3) When requested, an additional source of power, remote and equivalent, is to be available to operate the above pump (s); or there shall be an additional pump (s) operated by separate power and equal in performance capabilities.

The closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles indicating open and closed positions. A pressure reducer and regulator must be provided if a Hydril preventer is used. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is to be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluids. The choke flow line valve connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

3000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP