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NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-037-20035

Form C-101
Revised 1-1-65

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 OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Gulf Oil Corp.		8. Farm or Lease Name L.O. CATON ET AL
3. Address of Operator P. O. Box 670, Hobbs, NM 88240		9. Well No. #1
4. Location of Well UNIT LETTER <u>L</u> LOCATED <u>1980</u> FEET FROM THE <u>SOUTH</u> LINE AND <u>990</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>26</u> TWP. <u>7 N</u> RGE. <u>30 E</u> NMPM		10. Field and Pool, or Wildcat WILDCAT
11. Proposed Depth 8900		12. County QUAY
19A. Formation PENN		20. Rotary or C.T. ROTARY
21. Elevations (Show whether DT, RT, etc.) 4565.7	21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor UNKNOWN
22. Approx. Date Work will start 8-10-84		

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	450	500	SURFACE
11"	8 5/8"	28	3100	800	SURFACE
7 1/8"	5 1/2"	15.5	8900	TO BE DETERMINED AFTER EVALUATING ELECTRIC LOGS.	

MUD PROGRAM 3 SURFACE 0-450 FW SPUD 8.6-8.8 PPG 32-36 VIS 8-9PH

APPROVAL VALID FOR 90 DAYS 450-3100 BRINE 10.0-10.1 PPG 28-30 VIS 8-9PH
PERMIT EXPIRES 10-17-84
UNLESS DRILLING UNDERWAY 3100-8900 Cur BRINE 8.8-9.5 PPG 29-34 VIS 8-9PH

SEE ATTACHED BOP DRAWING FOR 3000# WORKING PRESSURE
TO BE ENFORCED WHILE DRILLING INTERMEDIATE + PRODUCTION
HOLES.

COLLECT AND BACK SAMPLES FOR
NEW MEXICO OIL CONSERVATION COMMISSION
AT AT LEAST 100 FOOT INTERVALS

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 L. C. Carter Title AREA PROD MGR Date 7-17-84

(This space for State Use)

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 7-19-84

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

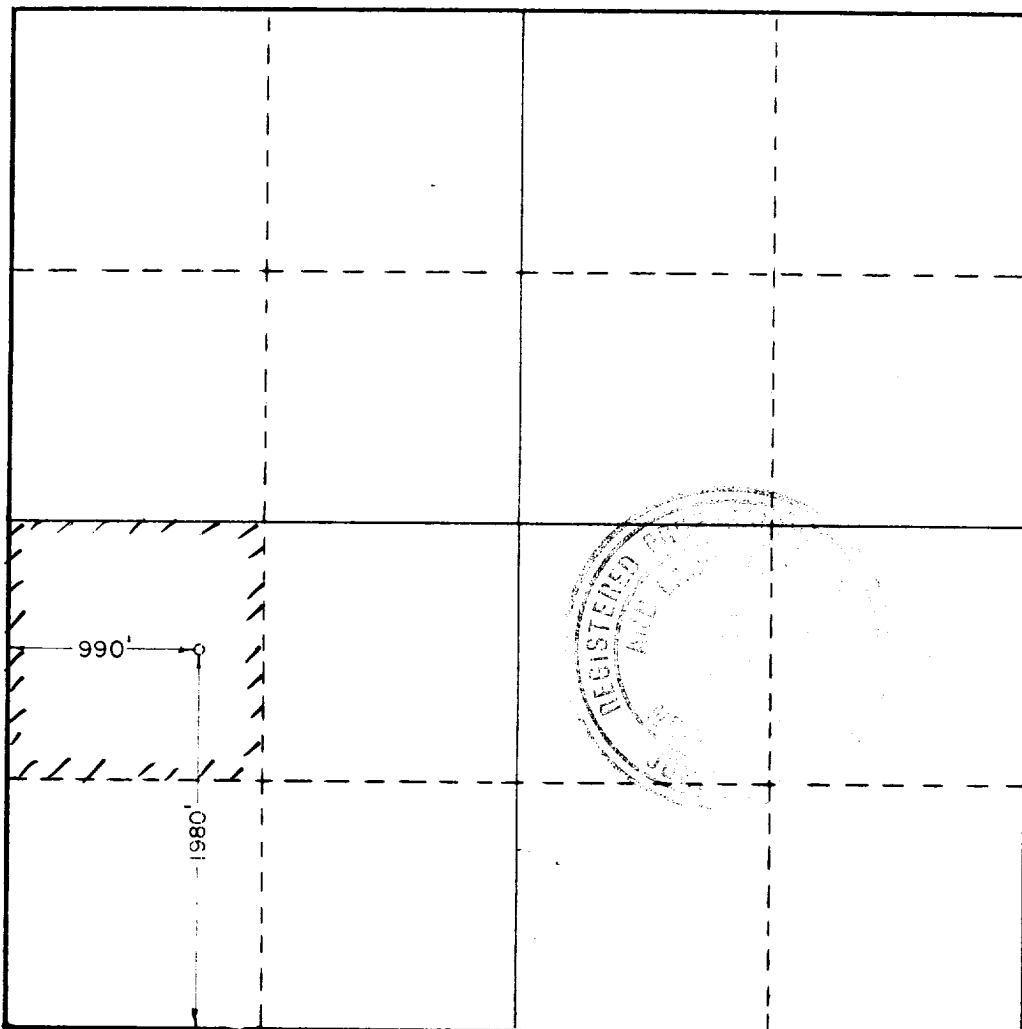
Operator Gulf Oil Company			Lease L.O. Caton, et al		Well No. 1
Unit Letter L	Section 26	Township 7 North	Range 30 East	County Quay	
Actual Footage Location of Well: 1980 feet from the south line and 990 feet from the west line					
Ground Level Elev. 4865.7'	Producing Formation DENN		Pool WILDCAT	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

R.C. Anderson

Name

R.C. ANDERSON

Position

AREA PROD MGR

Company

GULF OIL CORP

Date

7-17-84

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

July 11, 1984

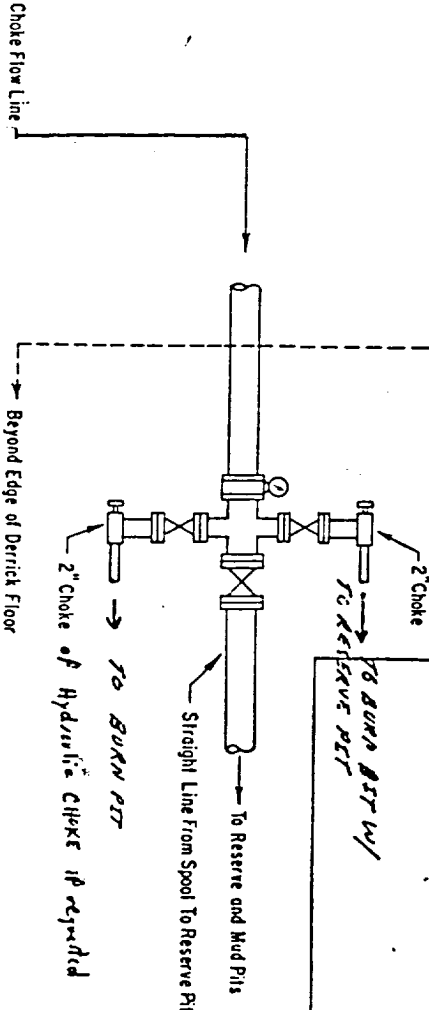
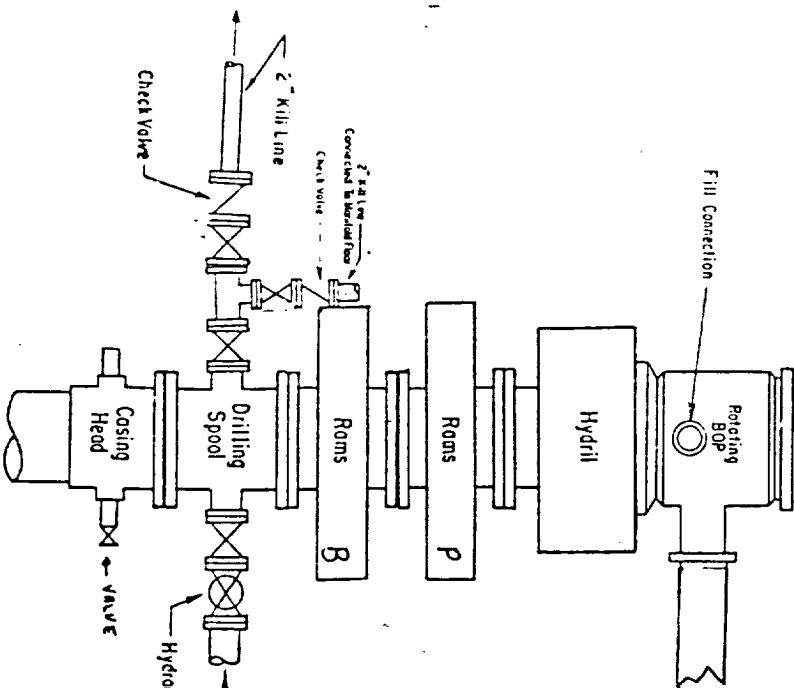
Registered Professional Engineer
and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600



ADDITIONS - DELETIONS - CHANGES SPECIFY

NOTE: "When Required" means at any time the Gulf Supervisor can, may, or will require the equipment to be installed during operations.

Blowout Preventer Assembly

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril preventer, valves, chokes and connections, as illustrated. If a tapered drill string is used, a ram preventer shall 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 to the kill line. The substructure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventer and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in the accumulators shall be sufficient to close all the pressure-operated devices simultaneously within 1/2 second; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least 50 percent of the original. When required, either an additional source of power, remote and equivalent, is to be available to operate the above pumps, or there shall be additional pumps operated by separate power and equal in performance capabilities.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be labeled, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydril preventer. When required, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Region No. 38 hydraulic oil, or equivalent or better, is to be used on the fluid to operate the hydraulic equipment.

The choke manifold, the choke flow line, the choke lines and the relief lines are to be supported by metal stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Entry and exit access shall 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 valves and valves of the relief lines connected to the drilling spools 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 shall be equipped with handles.

2000-3000 PSI WORKING PRESSURE
BOP HOOK-UP

SPECIFY WORKING PRESSURE