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NEW MEXICO OIL CONSERVATION COMMISSION

API-30-025-28401
Form C-101
Revised 1-1-65

5A. Indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. 27197
7. Unit Agreement Name
8. Farm or Lease Name WDDU
9. Well No. 120
10. Field and Pool, or Wildcat DELLACHIOE DEVONIAN
12. County LEA

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well
OIL WELL ☒ GAS WELL ☐ OTHER ☐
DRILL ☒ DEEPEN ☐ PLUG BACK ☐
SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
GULF OIL CORPORATION

3. Address of Operator
P.O. Box 670 HOBBS, NEW MEXICO 88240

4. Location of Well
UNIT LETTER E LOCATED 1368 FEET FROM THE NORTH LINE
AND 1228 FEET FROM THE WEST LINE OF SEC. 4 TWP. 25 S RGE. 38 E NMPM

19. Proposed Depth
8100

19A. Formation
DEVONIAN

20. Rotary or C.T.
ROTARY

21. Elevations (Show whether DE, RT, etc.)
3150.4

21A. Kind & Status Plug. Bond
Blanket

21B. Drilling Contractor
UNKNOWN

22. Approx. Date Work will start
ASAP

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	300	350	SURFACE CIRCU.
11	8 7/8	24/32	4200	To be determined by fluid caliper	TIE BACK TO SURF
7 7/8	5 1/2"	15.5	8100	"	TIE BACK TO IN.

MUD PROGRAM'S 0-300' FW SPUD MUD 8.6-8.9 PPG

300-4200' BRINE WATER 10.0-10.2 PPG

4200-8100 FW 8.3-8.6 PPG

SEE ATTACHED BOP DRAWING FOR 3000# INP.

NSL-1748

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 5/1/84
UNLESS DRILLING UNDERWAY

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 _____ Title _____ Date _____

(This space for State Use)

APPROVED BY L. C. Anderson TITLE Area Production Mgr. DATE 9-20-83

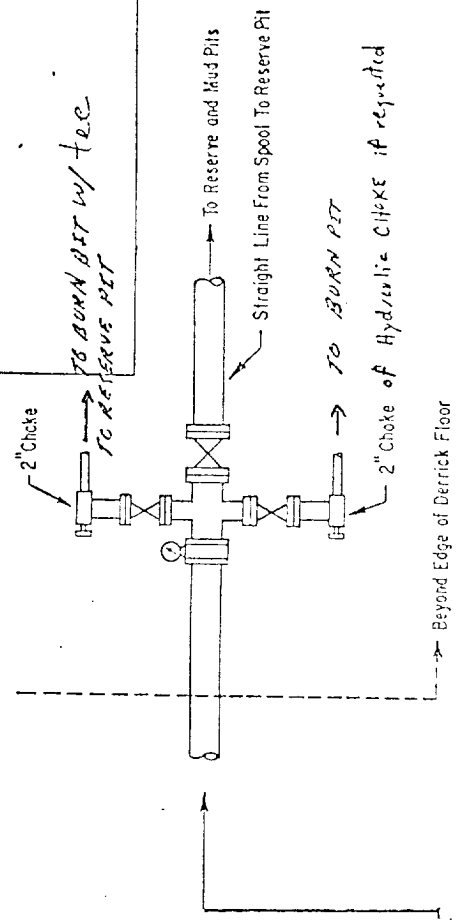
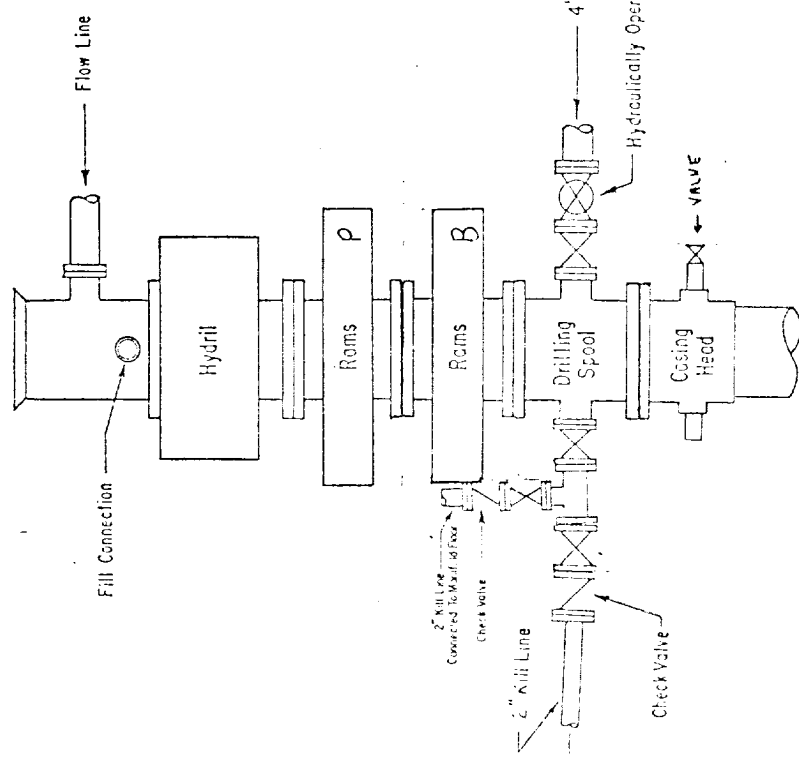
CONDITIONS OF APPROVAL, IF ANY:
ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

NOV 1 1983

SEP 22 1963
O.C.D.
HOBBS OFFICE

ADDITIONS - DELETIONS - CHANGES
SPECIFY

NOTE: "When Requested" means at any time the BULK SUPPLY can, may, or will require the equipment to be installed during operations.



WHEW REQUESTED

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 preventers 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 seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of at least 50 percent of the original. When requested, 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.

**2000-3000 PSI WORKING PRESSURE
BOP HOOK-UP FOR LARGE CASINGS
SPECIFY WORKING PRESSURE**

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 requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. 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, 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. Easy and safe 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.

MEXICO OIL CONSERVATION COMM. N
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

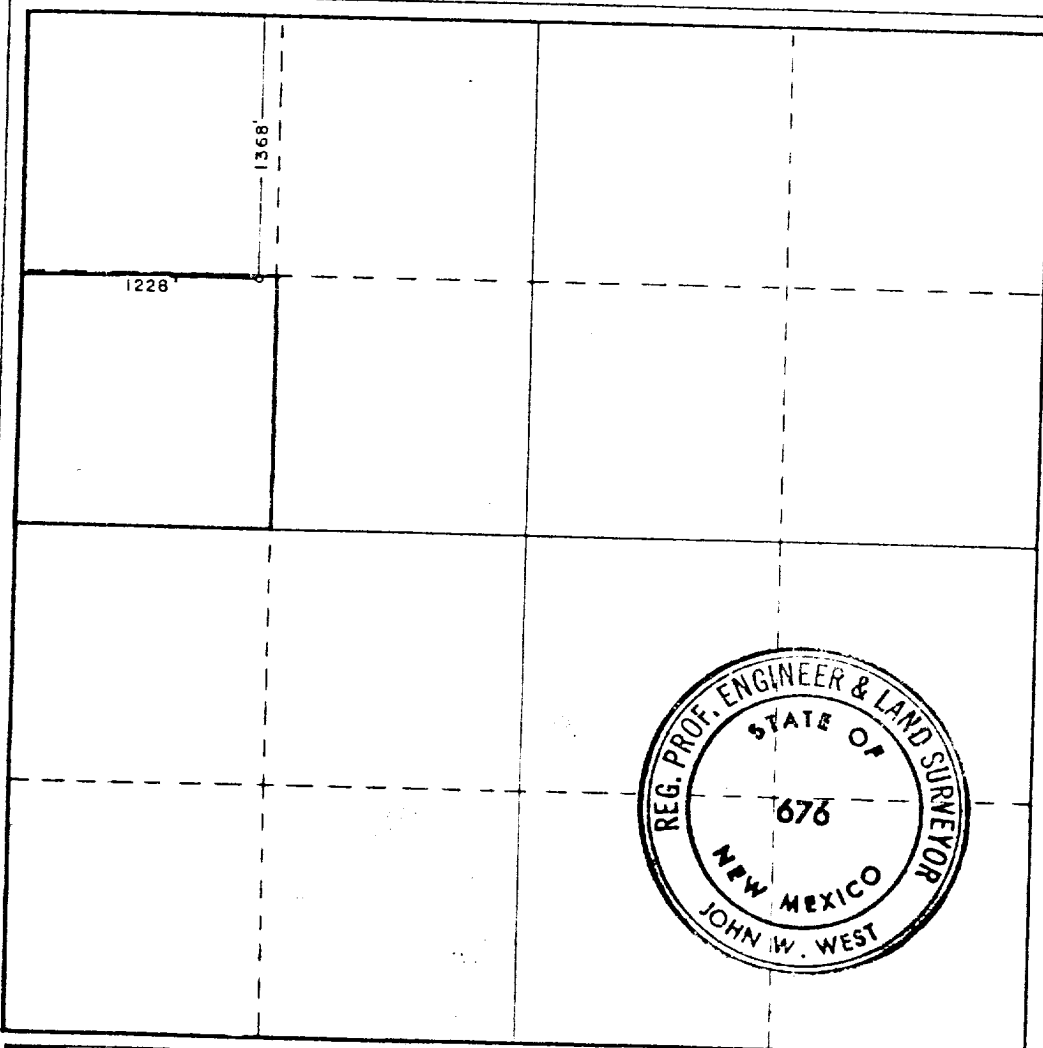
All distances must be from the outer boundaries of the Section.

Operator GULF OIL CORP.			Lease WEST DOLLARHIDE DEVONIAN UNIT		Well No. 120
Unit Letter E	Section 4	Township 25 SOUTH	Range 38 EAST	County LEA	
Actual Footage Location of Well: 1368 feet from the NORTH line and 1228 feet from the WEST line					
Ground Level Elev. 3150.4	Producing Formation Devonian		Pool Dollarhide Devonian	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 PRODUCTION MGR

Company
Gulf Oil Corporation

Date
9-19-83

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
SEPTEMBER 15, 1983

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630

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C.C.D.
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