

3-135-2771

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# Amended

## NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.  
**27197**

### APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name <b>WEST DOLLARHIDE DEVONIAN</b> <b>Unit</b>	
2. Name of Operator <b>Gulf Oil Corp.</b>		9. Well No. <b>121</b>	
3. Address of Operator <b>P. O. Box 670, Hobbs, NM 88240</b>		10. Field and Pool, or Wildcat <b>DOLLARHIDE DEVONIAN</b>	
4. Location of Well UNIT LETTER <b>C</b> LOCATED <b>12ES</b> FEET FROM THE <b>NORTH</b> LINE AND <b>1650</b> FEET FROM THE <b>WEST</b> LINE OF SEC. <b>3.3</b> TWP. <b>24S</b> RGE. <b>38E</b> NMPM		12. County <b>LEA</b>	
19. Proposed Depth <b>8100</b>		19A. Formation <b>DEVONIAN</b>	
20. Rotary or C.T. <b>ROTARY</b>		21. Elevations (Show whether DT, RT, etc.) <b>3186.9</b>	
21A. Kind & Status Plug. Bond <b>BLANKET</b>		21B. Drilling Contractor <b>UNKNOWN</b>	
22. Approx. Date work will start <b>8/20/84</b>		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 7/8"	46 #	350'	400	SURFACE
12 1/4 - 11"	8 5/8"	28 7/32 #	4200'	TO BE DETERMINED	SURFACE
7 7/8"	5 1/2"	15.5 #	8100'	TO BE DETERMINED	4000'

MUD PROGRAM : 0-350' FW SAND MUD 8.6-8.9 PPG 32-36 VIS 8-9 PH  
350-4200 BRINE WATER 9.8-10.1 PPG 29-31 VIS 8-9 PH  
4200-8100 CUT BRINE GEL 8.7-9.2 PPG 29-33 VIS 8-9 PH

BOP'S WILL BE NIPPLED UP PER ATTACHED DRAWING FOR 3000 PSI  
WORKING PRESSURE.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 2/14/85  
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 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.

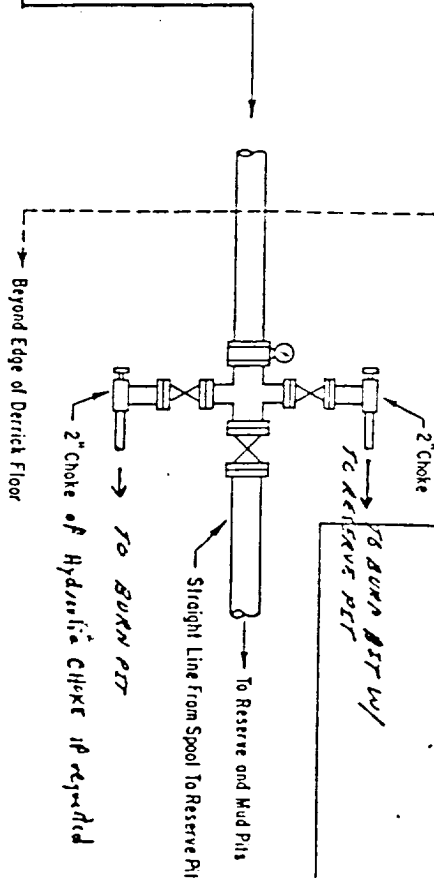
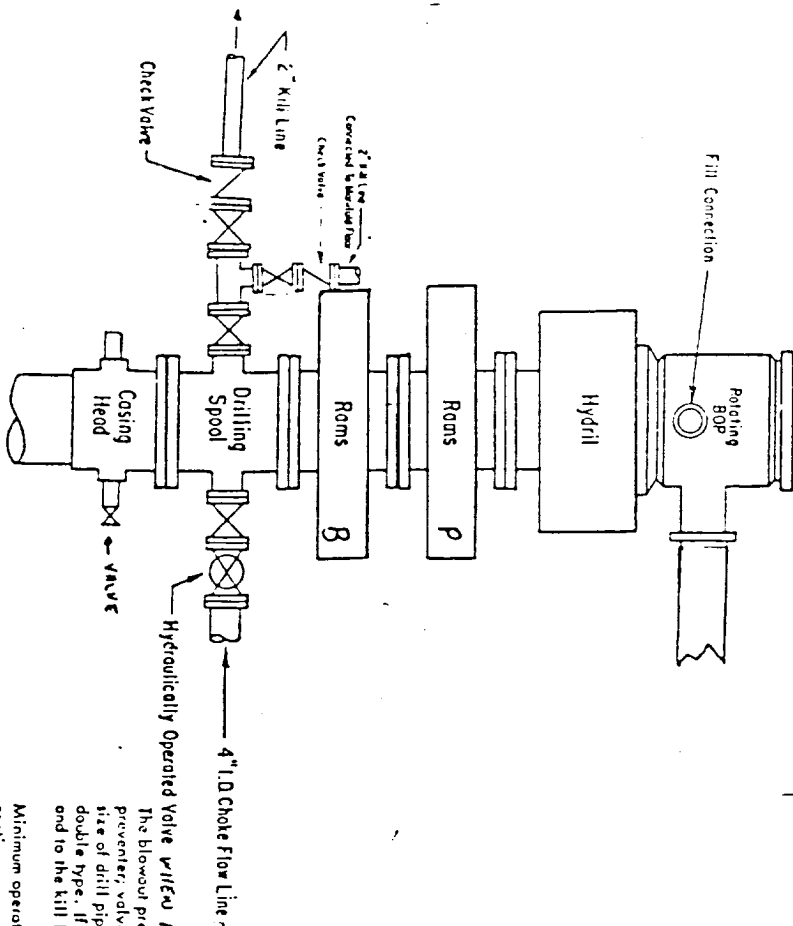
Signed R.C. Under Title AREA PROD MGR Date 7-24-84

(This space for State Use)

ORIGINAL RETURNED TO STATE

APPROVED BY DISTRICT SUPERVISOR TITLE  DATE AUG 14 1984

CONDITIONS OF APPROVAL, IF ANY:



# ADDITIONS - DELETIONS - CHANGES SPECIFY

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

## 2000-3000 PSI WORKING PRESSURE BOP HOOK - UP

### 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.

### The Blowout Preventer Assembly When 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 singlets 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) 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 49 seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the 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.

MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

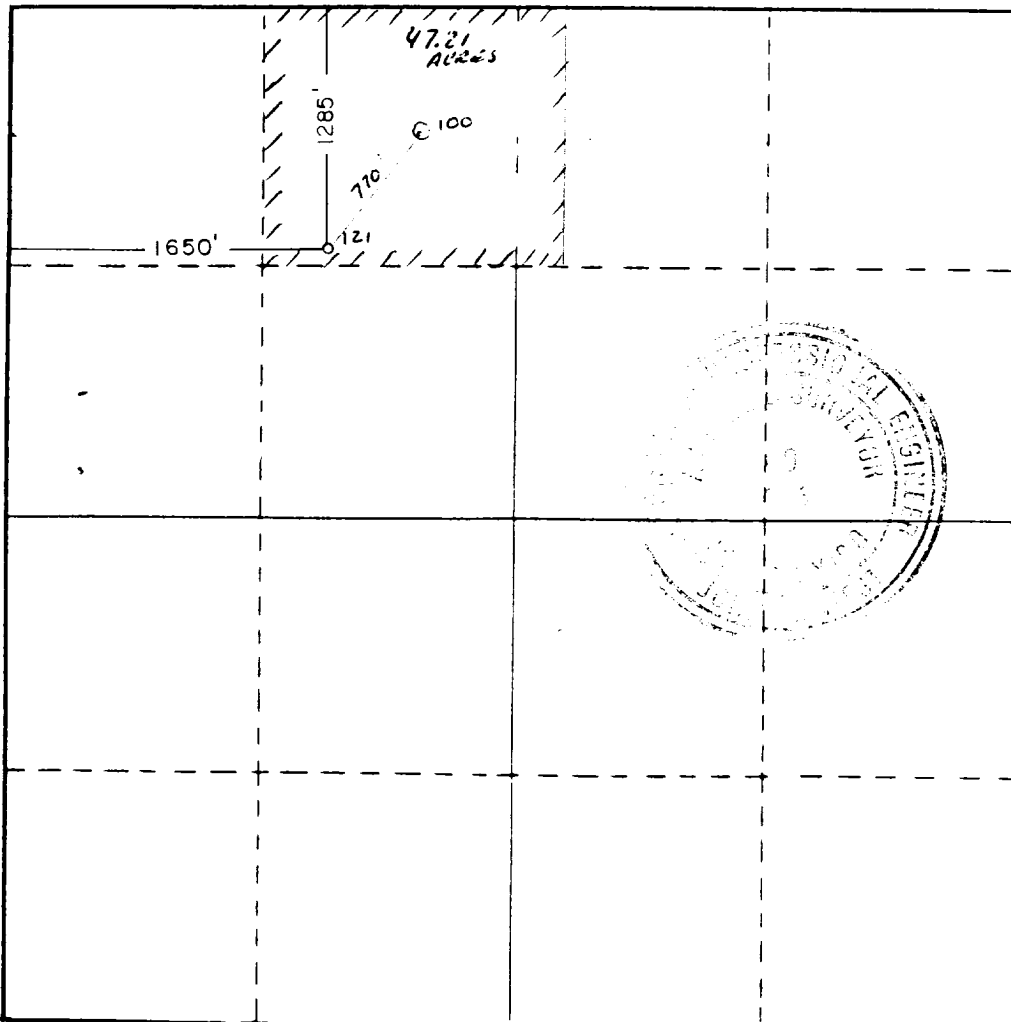
All distances must be from the outer boundaries of the Section

Operator GULF OIL CORP.		Lease WEST DOLLARHIDE DEVONIAN <i>Unit</i>		Well No. 121
Unit Letter C	Section 33	Township 24S	Range 38E	County LEA
Actual Footage Location of Well: 1285 feet from the NORTH line and 1650 feet from the WEST line				
Ground Level Elev. 3186.9	Producing Formation DEVONIAN	Pool WEST DOLLARHIDE DEVONIAN	Dedicated Acreage: 47.21 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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  
7-24-84

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  
7/10/84

Registered Professional Engineer  
and/or Land Surveyor

*Ronald J. Eidson*

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