

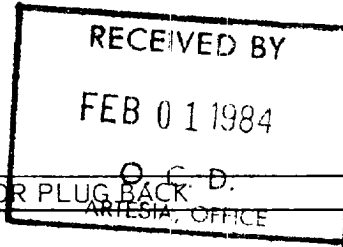
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NEW MEXICO OIL CONSERVATION COMMISSION

Form O-191

Revised 11-65

30-015-24770



APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5a. Indicate Type of Lease STATE ☒ FEE ☐	
b. Type of Well GULF ☒ GAS ☐ OTHER ☐		6. State Oil & Gas Lease No.	
c. Name of Operator GULF OIL CORPORATION		7. Unit Agreement Name	
d. Address of Operator P.O. Box 670 HOBBS, NEW MEXICO		8. Firm or Lease Name EDDY FV STATE	
e. Location of Well UNIT LETTER P LOCATED 330 660 FEET FROM THE EAST SOUTH LINE		9. Well No. 3	
f. Location of Well AND 660 FEET FROM THE SOUTH LINE OF SEC. 25 TWP. 20S RGE. 27E NMPM		10. Right of Entry, or Without AVALON DELAWARE	
11. Proposed Depth 4750		12. Formation BONE SPRING	
13. Kind & Status Plug, Bond BLANKET		14. Drilling Contractor UNKNOWN	
15. Approx. Date Work will start FEBRUARY 15, 1984		16. County EDDY	

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	550	~550 SKS	SURFACE
12 1/4	8 5/8	24	2500	~850 SKS	SURFACE
7 7/8	5 1/2	15.50	4750-5050	~500 SKS	TIE-BACK INTERMED

MUD PROGRAM

0-550 FW SPUD MUD 8.6-8.8 ppq 32-36 vis
 550-2500 FW 8.4-8.7 ppq 28-32 vis POSSIBLY AN AERATED SYSTEM ~ 5.0-8.0 ppq
 2500-TD FRESH WATER 8.4-8.8 ppq 28-34 vis 15-20 cc WL @ 4200'

APPROX. PERIOD FOR 180 DAYS
 PERIOD FOR 8-6-84
 UNLESS DRILLING UNDERWAY

BOP

DRAWING #2 (ATTACHED) 2000-3000 psi WORKING PRESSURE

Post. app
 ID-10-10-84
 1-10-84

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. Anderson Title AREA PROD MGR Date 1-30-84

(This space for State Use)

APPROVED BY THA. Walker TITLE OIL AND GAS INSPECTOR DATE FEB 06 1984

CONDITIONS OF APPROVAL, IF ANY:

Copy of this is to be
 the 25% casing

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-102
Effective 1-1-83

All distances must be from the outer boundaries of the Section

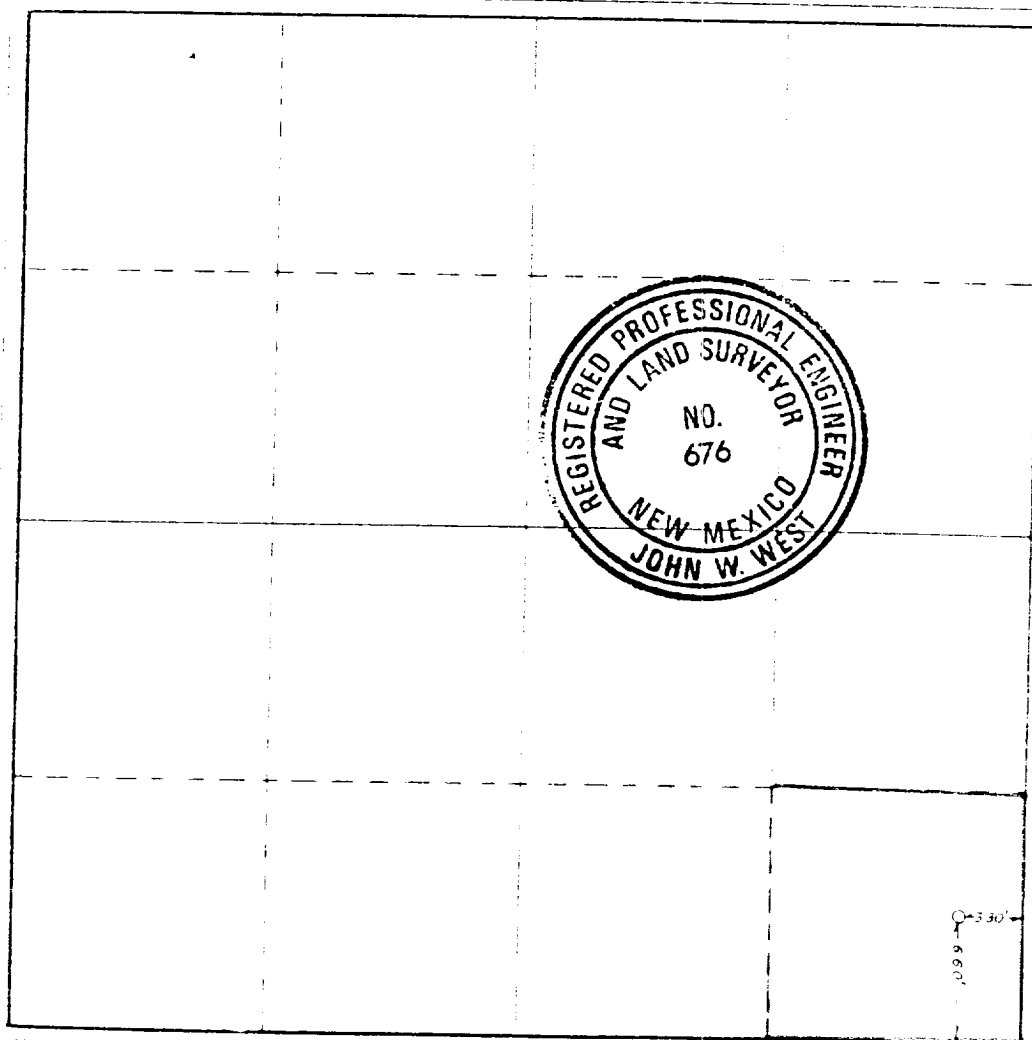
Owner GULF OIL CORP.			Lease EDDY FV. STATE		Acres 3
Section P	Section 25	Township 20S	Range 27E	County EDDY	
Well Name 330					
Well Location 3302.5					
Well Depth 40					

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, force-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 shown to best herein is true and complete to the best of my knowledge and belief.

L.C. Anderson

R.C. ANDERSON

AREA PROD MGR

GULF OIL CORP

1-30-84

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.

Certified by

1/24/84

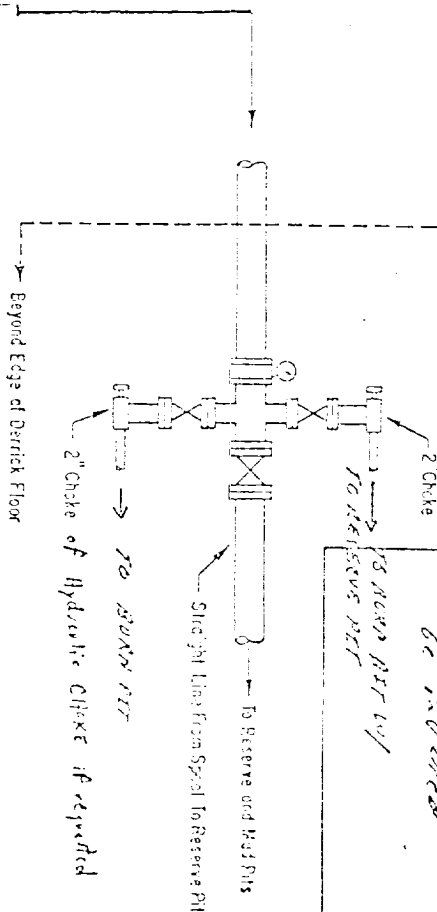
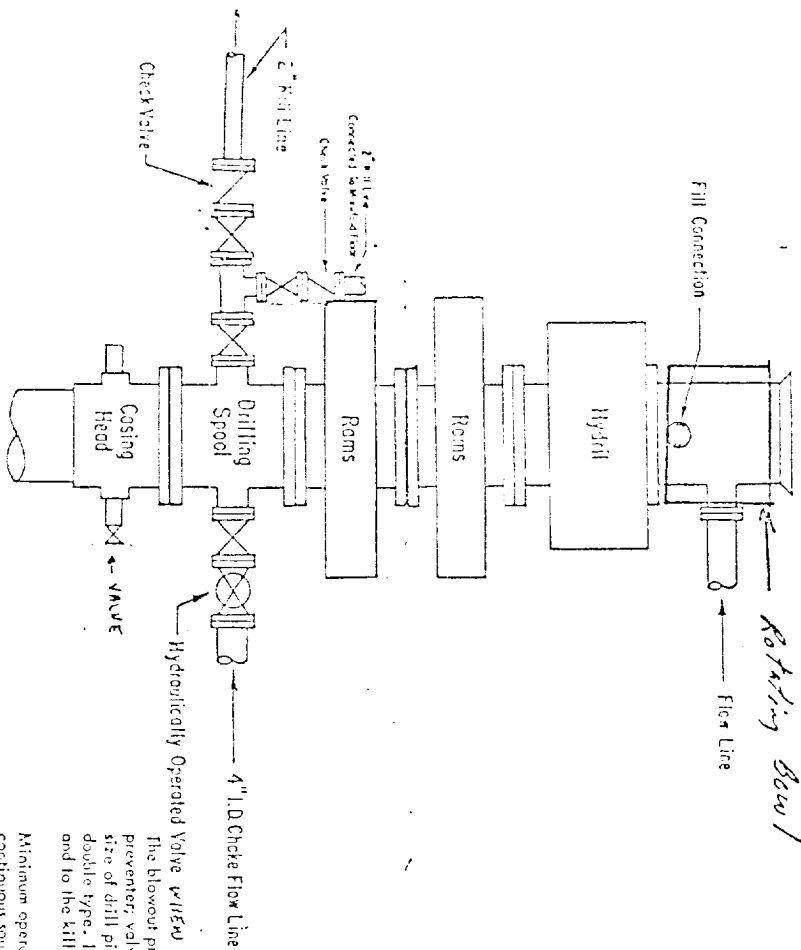
Witnessed by _____

John W. West

Certificate No. **JOHN W. WEST**

RONALD J. JOHNSON

1-30-84



ADDITIONS - DELETIONS - CHANGES
SPECIFY

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

Rotating Bowl to be installed

3" NUP PIT w/ To Reserve and H2O Dis

2\"/>

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 central 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 Legion No. 33 hydraulic oil, or 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 steel stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and with soft sharp bends. They are 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 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 structure. All other valves shall be equipped with handles.

THE BLOWOUT PREVENTER ASSEMBLY SHALL CONSIST OF ONE BLIND RAM PREVENTER AND ONE PIPE RAM PREVENTER, BOTH HYDRAULICALLY OPERATED, A HYDRIL PREVENTER, VALVES, CHECKS 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 TYPES 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. CHOKER 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 changing 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) accumulation with a precharge of nitrogen of not less than 750 PSI and connected so as to receive the aforementioned fluid change. With the charging pumps shut down, the pressurized fluid volume stored in the accumulation shall be sufficient to close all the pressure-operated devices simultaneously within 4 seconds 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.