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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.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐ 2. Name of Operator Gulf Oil Corp. 3. Address of Operator P. O. Box 670, Hobbs, NM 88240 4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>2640</u> FEET FROM THE <u>NORTH</u> LINE AND <u>1650</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>2</u> TWP. <u>T16S</u> RGE. <u>32E</u> NMPM		7. Unit Agreement Name 8. Form or Lease Name EDDY LEA STATE (NCT-A) 9. Well No. 2 10. Field and Pool, or Wildcat NORTH ANDERSON RANCH WL 12. County LEA	
21. Elevations (Show whether DF, RT, etc.) 4295.9 GL		19. Proposed Depth 10,000 19A. Formation WOLF CAMP 20. Rotary or C.T. ROTARY 21A. Kind & Statute Plug Bond BLANKET 21B. Drilling Contractor UNKNOWN 22. Approx. Date Work will start JULY 15, 1985	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4	11 3/4	42	450	390 FT / 300 SK	CIRC.
11	8 5/8	24 + 32	3000	1260 FT / 600 SKS	CIRC.
7 7/8	5 1/2	15.50	10,000	550 SK	7000' ESTIMATE

0-450 FW SPUD MUD 8.6-8.8 ppq 36-40 VLS 9ph NC WL
450-3000 SAT BRINE 10.0 ppq 29 VLS 8ph NC WL
3000-9200 CWT BRINE 9.0 ppq 29-32 VLS 9.5 pH NC WL
9200-10000 CWT BRINE POLY 9.0-9.7 32-34 VLS 9.5 pH <20 u WL 3-5% KCl
SEE ATTACHED BOP SCHEMATIC FOR 3000 psi WORKING PRESSURE

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 6-21-85

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY EDDIE SEAY TITLE OIL & GAS INSPECTOR DATE JUN 26 1985

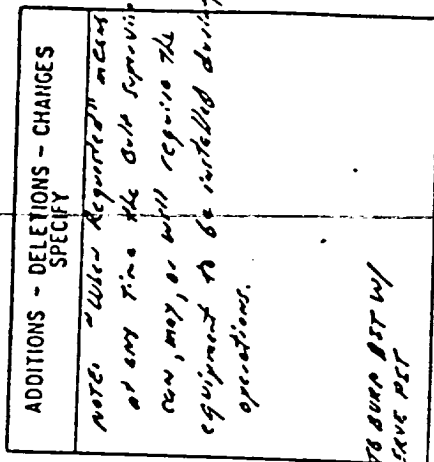
CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Late Unless Drilling Underway.

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The diagram illustrates a wellhead assembly with the following components and connections:

- Wellhead Assembly:** A central vertical pipe with a cross-shaped valve structure. A pressure gauge is mounted on the left side of the wellhead.
- Left Side Connections:**
 - A horizontal pipe labeled "2" Choke" leads to a valve.
 - From this valve, two lines branch out:
 - One line goes up and left, labeled "TO BURN PIT W/".
 - The other line goes down and left, labeled "TO RESERVE PIT".
- Top Connection:**
 - A vertical pipe extends upwards from the wellhead, labeled "Straight Line From Spool To Reserve Pit".
 - This pipe connects to a horizontal line labeled "To Reserve and Mud Pits".
- Right Side Connection:**
 - A horizontal pipe labeled "2" Choke" leads to a valve.
 - From this valve, a line goes up and right, labeled "TO BURN PIT".
- Bottom Connection:**
 - A horizontal pipe extends downwards from the wellhead, labeled "Beyond Edge of Derrick Floor".

ADVERSELY AFFECTED

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 stringer or a double type. If correct in size, the flanged outlet 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) an accumulator 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 accumulator shall be sufficient to close all the pressure-operated devices simultaneously within 9 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.

The closing manifold and remote closing manifold shall have a separate control for each pressure-operated device. Controls are to be independent. A pressure reducer and regulator must be provided for operating the Hydral preventer. When requested, a second pressure reducer is to be provided. Gulf Legion No. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

any and all access shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and wellbore fluids. All valves shall be equipped with stem safety, vented joints if needed, and all valves shall be equipped with handles. The choke flow line, relief lines and choke lines shall be supported by metal stands and adequately anchored.

2000 - 3000 PSI WORKING PRESSURE
BOP HOOK-UP

SPECIFY WORKING PRESSURE

labeled, with control handles to indicate areas and elements.

The choke manifold, the choke flow line, the choke lines and the safety lines are all part of the wellhead equipment. When requested, a second pressure reducing device may be provided. This device is a pressure-reducing valve, which is used to reduce the pressure of the fluid to a safe level. This device is used to prevent the fluid from flowing back into the wellhead equipment. This device is used to prevent the fluid from flowing back into the wellhead equipment. This device is used to prevent the fluid from flowing back into the wellhead equipment.

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HOBBS

**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

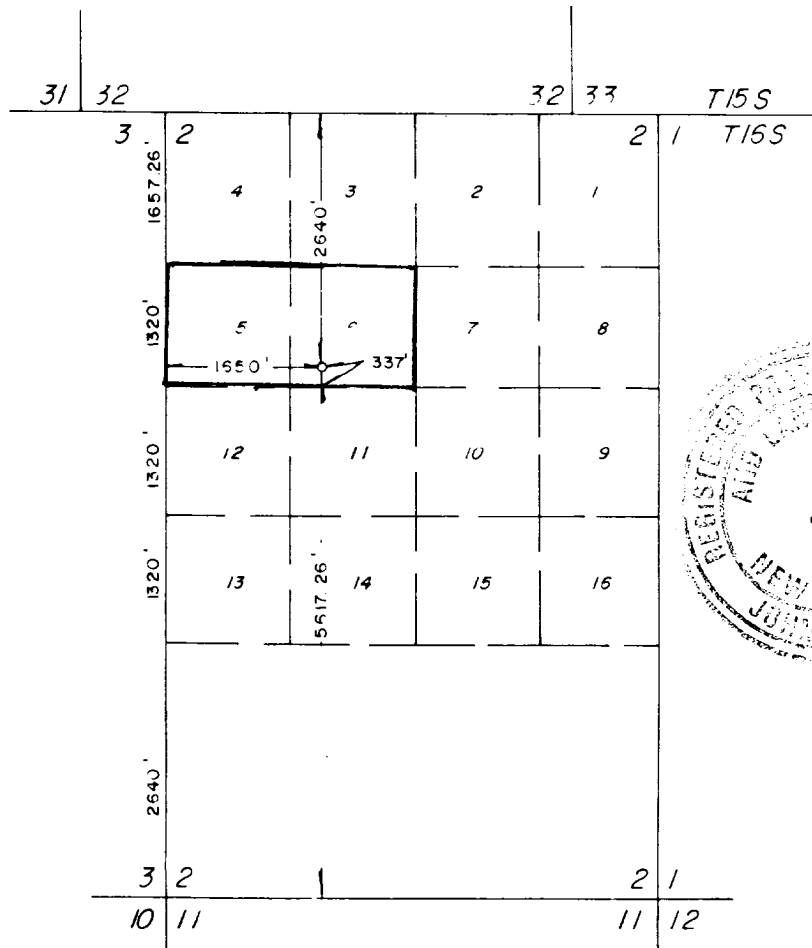
Operator GULF OIL CORP.			Lease EDDY LEA STATE NCT-A		Well No. 2
Unit Letter F	Section 2	Township 16S	Range 32E	County LEA	
Actual Footage Location of Well:					
2640 feet from the NORTH line and		1650 feet from the WEST line			
Ground Level Elev. 4295.9	Producing Formation Wolfcamp	Post Anderson Ranch Wolfcamp	Dedicated Acreage: 80 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.



Scale: 1" = 2000'

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 **6-21-85**

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 **6/17/85**

Registered Professional Engineer and/or Land Surveyor

Ronald J. Eidson

Certificate No **JOHN B. WEST 876**

Ronald J. Eidson 3239

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