

30-025-28773

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.

LG 4226

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Lea "XA" State	
2. Name of Operator Gulf Oil Corp.		9. Well No. 2	
3. Address of Operator P. O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Under Bone Springs	
4. Location of Well UNIT LETTER <u>M</u> LOCATED <u>330'</u> FEET FROM THE <u>West</u> LINE AND <u>660</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>7</u> TWP. <u>18S</u> RGE. <u>34E</u> NMPM		12. County Lea	
19. Proposed Depth 9100'		19A. Formation Bone Springs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 4090.9	
21A. Kind & Status-Plug. Bond BLANKET		21B. Drilling Contractor Sierra Rig	
22. Approx. Date Work will start 6-18-84			

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 3/8"	48	500'	500	Surface
11"	8 5/8"	34/28	4500'	1200	Surface
7 7/8"	5 1/2"	15.5/17.0	9100'	500	7000'

Mud Program: 0-500' FW Spud 8.6-8.8ppg 32-36 vis 8-9 ph
 500'-4500' BW 10.0-10.1ppg 29-30 vis 9-10 ph
 4500'-9100' FW 8.4-8.5ppg 29-32 vis 8.5-9.5 ph

BOP's 3000 psi w.p. NU on 13 3/8" and 8 5/8" o.s.g.
 See ATTACHED DRAWING.

APPROVAL VALID FOR 180 DAYS
 PERMIT EXPIRES 12/18/84
 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 J. C. Guder Title AREA Prod. Mgr Date 6-15-84

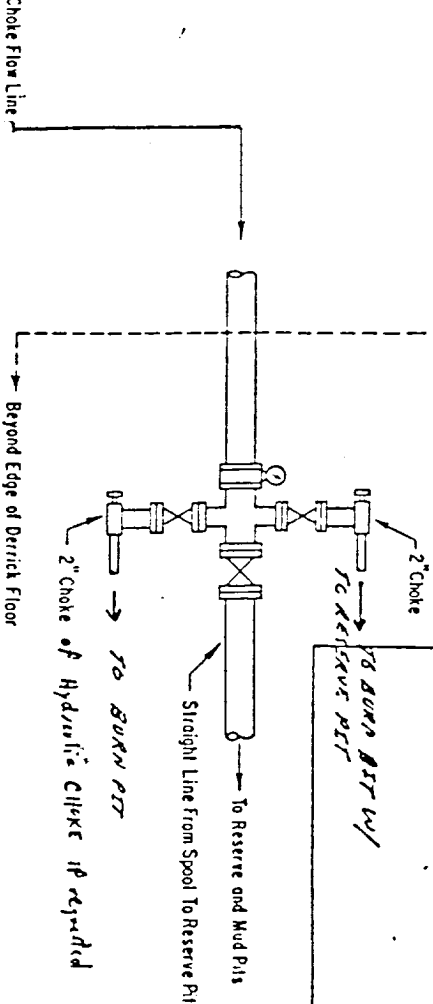
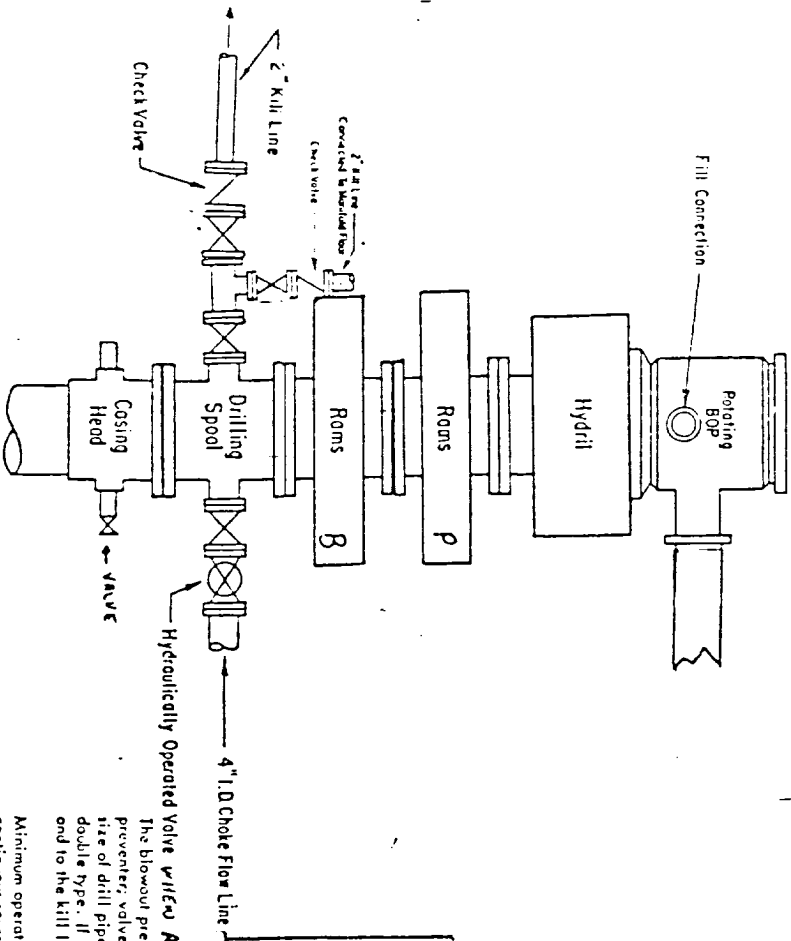
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE

DATE JUN 18 1984

CONDITIONS OF APPROVAL, IF ANY:



ADDITIONS - DELETIONS - CHANGES SPECIFY

NOTE: "When Acquired" means at any time the Gulf Service can, 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 Pto. 38 hydraulic oil, or equivalent or better, is to be used on the fluid to operate the hydraulic equipment.

Blowout preventer assembly WHEN ACQUIRED
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 ram to fit the preventer 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 49 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 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 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 spool 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.

RECEIVED
JUN 15 1984
C.C.D.
HOBBS OFFICE

N MEXICO OIL CONSERVATION COMMISS.
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

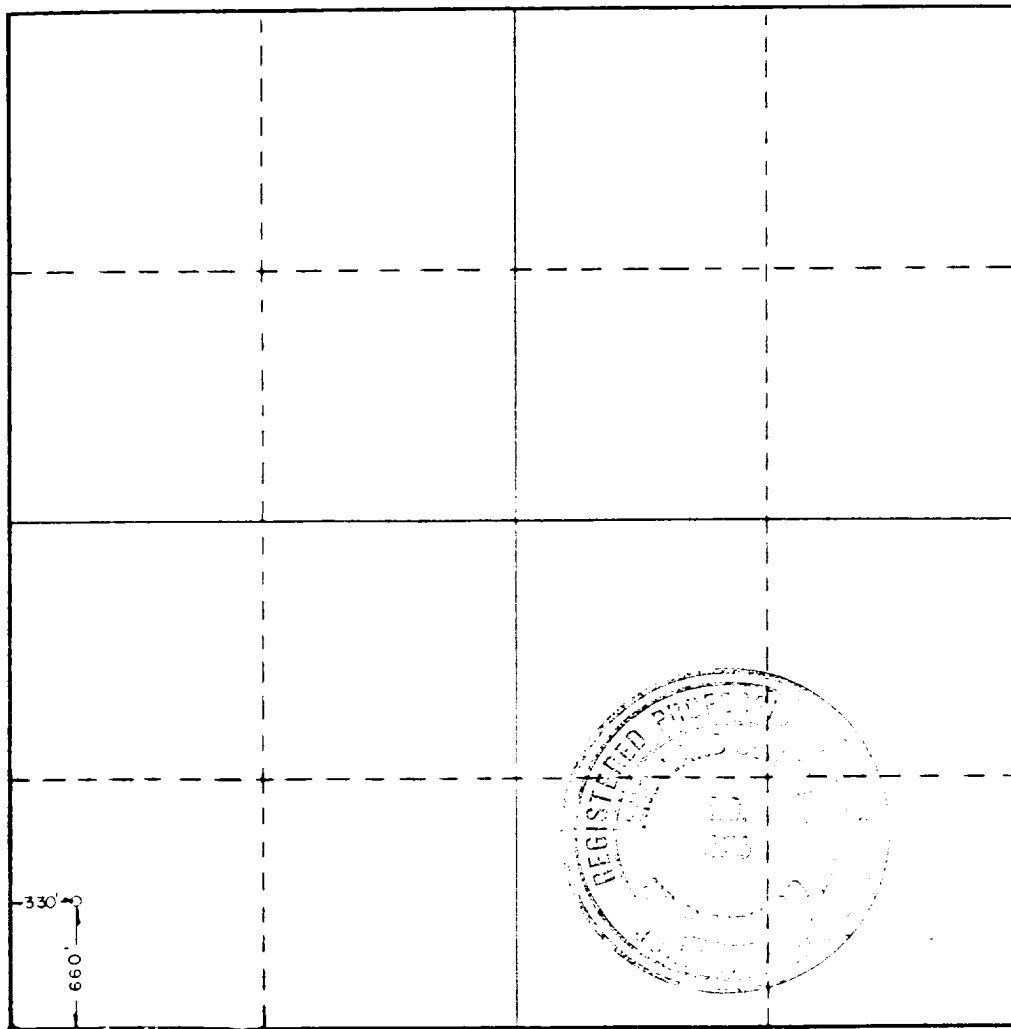
Operator GULF OIL CORP.			Lease LEA X A STATE		Well No. 2
Unit Letter M	Section 7	Township 18S	Range 34E	County LEA	
Actual Footage Location of Well: 660 feet from the SOUTH line and 330 feet from the WEST line					
Ground Level Elev. 4090.9	Producing Formation Bone Springs		Pool Undesignated		Dedicated Acreage: 40 1/2 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. Gaudin

Name
Area Production Manager

Position
Gulf Oil Corp.

Company
6-15-84

Date

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

6-15-84
 Registered Professional Engineer
 and/or Land Surveyor

John W. West

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

