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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. LC 4226
7. Unit Agreement Name
8. Farm or Lease Name Lea "XA" state
9. Well No. 1
10. Field and Pool, or Wildcat Under Bore Spring
12. County Lea
19. Proposed Depth 9100'
19A. Formation Bore Spring
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4085.3' GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Sierra
22. Approx. Date Work will start ASAP

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	DRILL ☒ DEEPEN ☐ PLUG BACK ☐
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐	SINGLE ZONE ☒ MULTIPLE ZONE ☐
2. Name of Operator Gulf Oil Corp.	
3. Address of Operator P. O. Box 670, Hobbs, NM 88240	
4. Location of Well UNIT LETTER N LOCATED 785 FEET FROM THE Section LINE AND 1650 FEET FROM THE West LINE OF SEC. 7 TWP. 18S RGE. 34E NMPM	
19. Proposed Depth 9100'	19A. Formation Bore Spring
20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 4085.3' GL	21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Sierra	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
19 1/2"	13 3/8"	4.12	500'	500	4154'
17 1/2"	15 1/2"	34.123#	1500'	1800	4154'
7 7/8"	5 1/2"	15.5/110	9100'	500	7000'

Mud Program:	0-500'	FW	8.6-8.8 ppg	32-36 vis	8-9 ph
	500'-4500'	BW	10.0-10.1 ppg	29-30 vis	9-10 ph
	4500'-9100'	FW	8.4-8.5 ppg	29-32 vis	15-9.5 ph

BOP's 3000' LOP NW 1/4 13 3/8" + 15 1/2" Casing
See Attached Drawing

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/25/84
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 R.D. Pate Title AREA ENGINEER Date 6-21-84

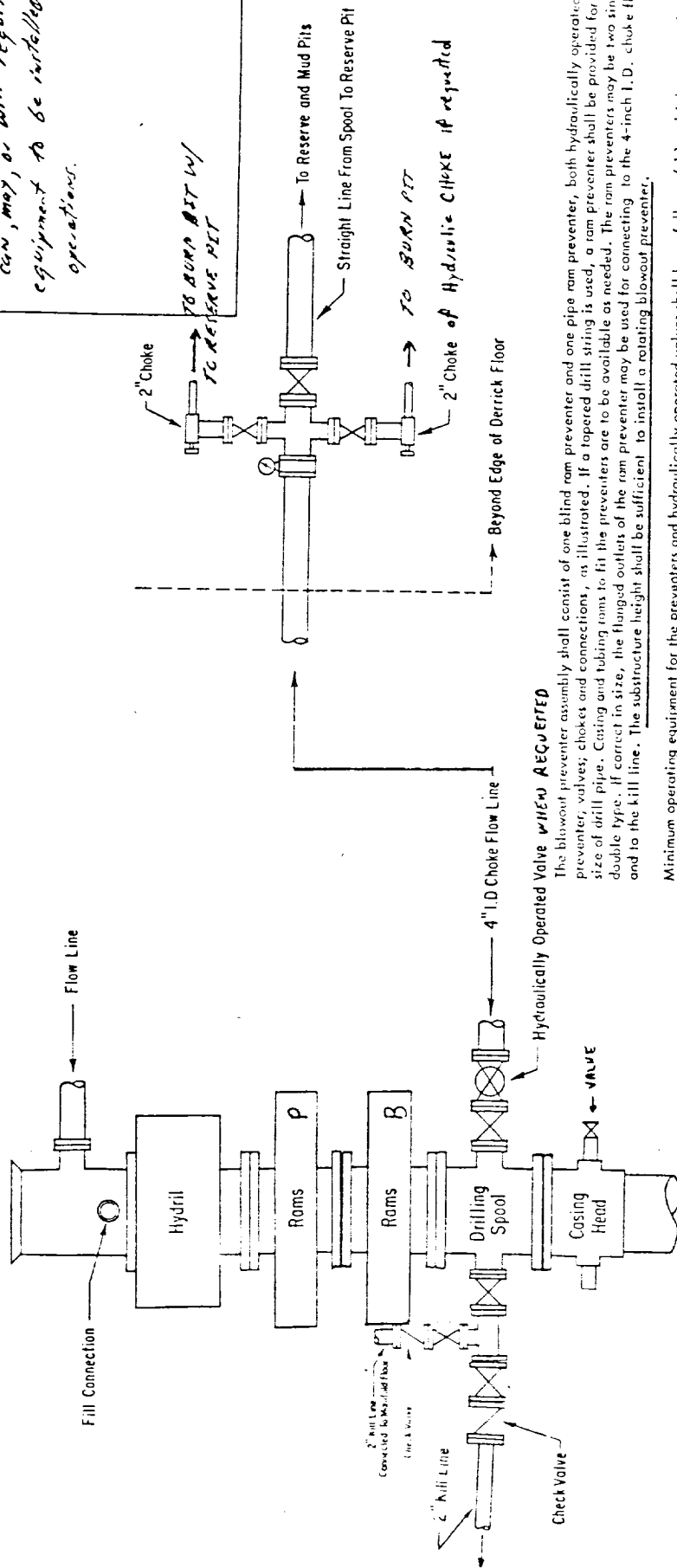
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT I SUPERVISOR TITLE DATE JUN 25 1984

CONDITIONS OF APPROVAL, IF ANY:

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



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.

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 to 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 19 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.

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

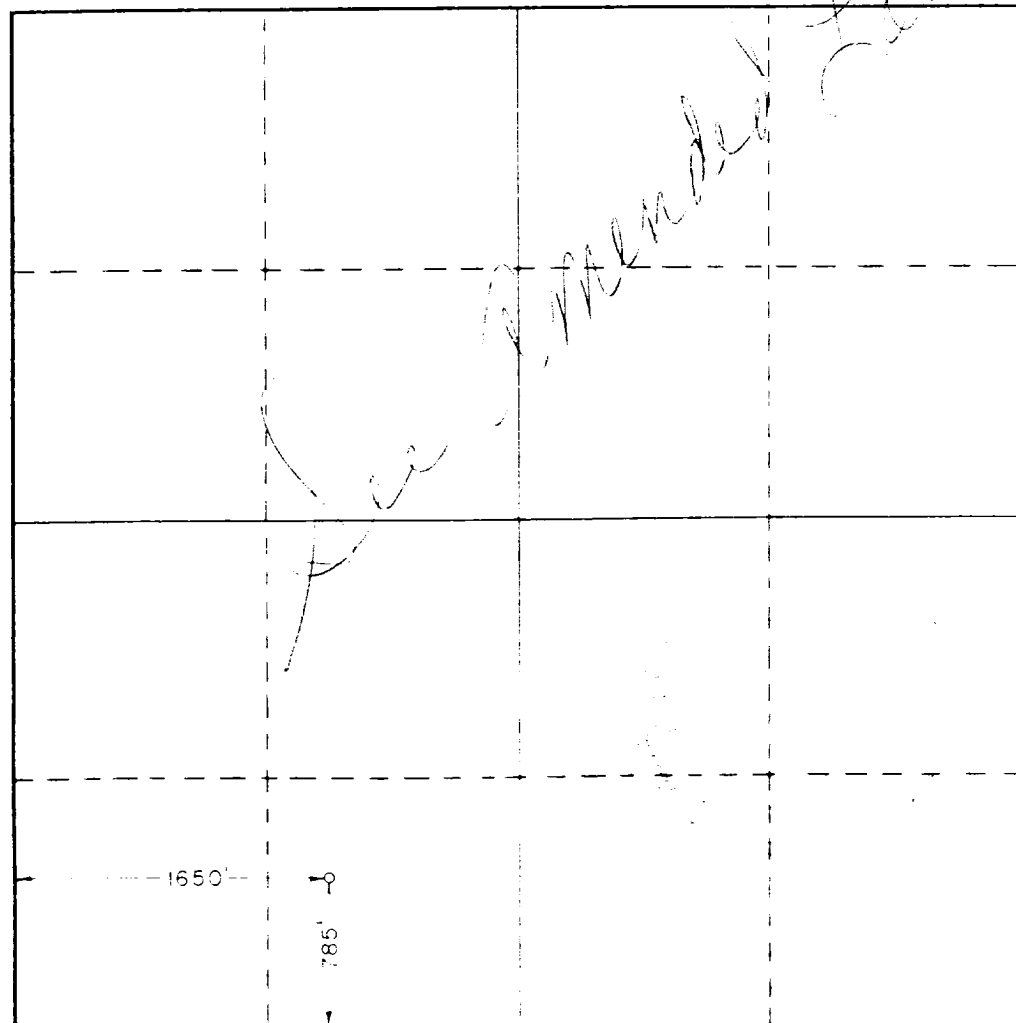
Operator Gulf Oil Corp.		Lease Lease "A" State		Well No.
Lot Letter N	Section 7	Township 18 South	Range 34 East	County Brewer
Actual Proctage Location of Well: 785 feet from the south line and 1650 feet from the west line				
Ground Level Elev. 4085.3'	Producing Formation Bore Springs	Pool Under Bore Springs	Dedicated Acreage: 40 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.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R.D. Pitre
Name
R.D. PITRE
Position
AREA ENGINEER
Company
GULF OIL CORP
Date
6-21-84

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
June 21, 1984
Registered Professional Engineer
in Oil and Land Surveying
John W. West
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

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