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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.	
LG 4226	
7. Unit Agreement Name	
8. Form or Lease Name	
Lea "XA" State	
9. Well No.	
3	
10. Field and Pool, or Wildcat	
Thides Bros Spring	
12. County	
Lea	
19. Proposed Depth	19A. Formation
9100'	Lea Springs
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
4083.6' - 52'	Blanket
21B. Drilling Contractor	22. Approx. Date Work will start
Lea	HSAP

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>R</u>	LOCATED <u>1980</u> FEET FROM THE <u>South</u> LINE
AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>7</u> TWP. <u>18S</u> RGE. <u>34E</u> NMPM	
19. Proposed Depth	
9100'	
19A. Formation	
Lea Springs	
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
4083.6' - 52'	Blanket
21B. Drilling Contractor	22. Approx. Date Work will start
Lea	HSAP

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
1 1/2"	1 1/2"	40#	500'	500	500'
1 1/2"	1 1/2"	40#	1500'	1500	1500'
7 1/2"	5 1/2"	15.5/17"	9100'	500	7000'

Mud Program: 0' - 500' FW 2 pad 8.6-8.8 ppg 32-36 vis 8-9 ph
 500' - 1500' BW 10.0-10.1 ppg 29-30 vis 9-10 ph
 1500' - 9100' FW 8.4-8.5 ppg 29-32 vis 8.5-9.5 ph

BOPs 3000 psi 10" NUL 12 3/4" + 8 5/8" 200.
 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. P. Pate Title AREA ENGINEER Date 6-21-84

(This space for signature)
 ORIGINAL SIGNED BY JERRY SEXTON
 DISTRICT I SUPERVISOR

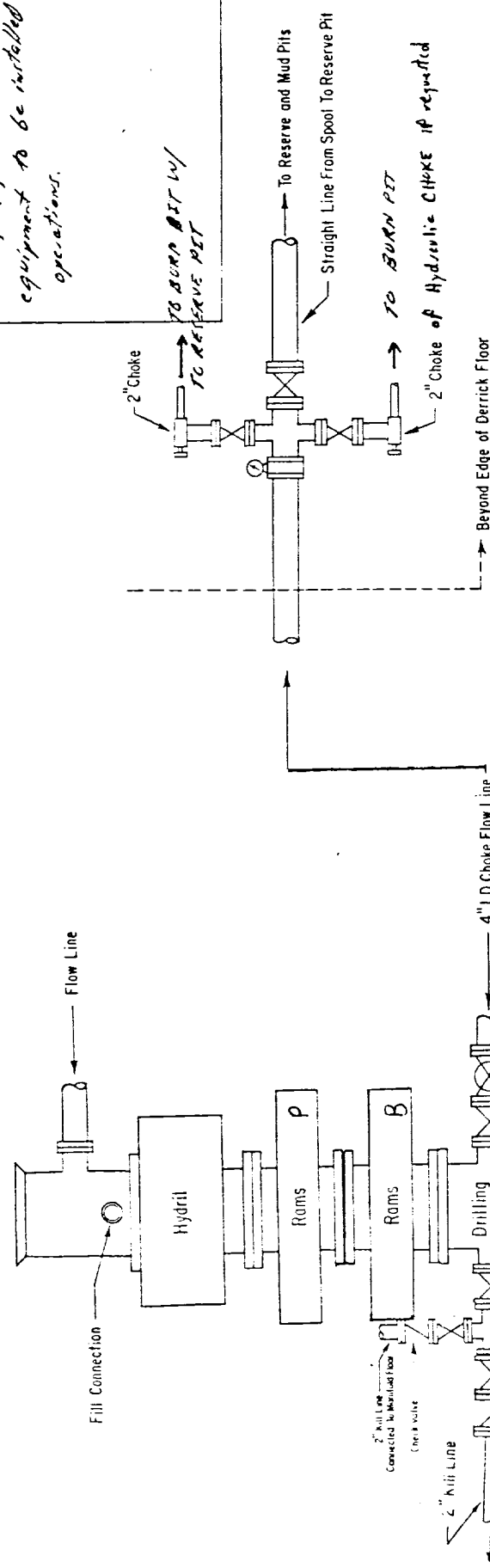
JUN 25 1984

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

ADDITIONS - DELETIONS - CHANGES SPECIFY

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



HYDRAULICALLY OPERATED VALVE 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 strings 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 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 1/4 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 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 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 Region 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 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.

**2000 - 3000 PSI WORKING PRESSURE
BOP HOOK - UP FOR LARGE CASINGS
SPECIFY WORKING PRESSURE**

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

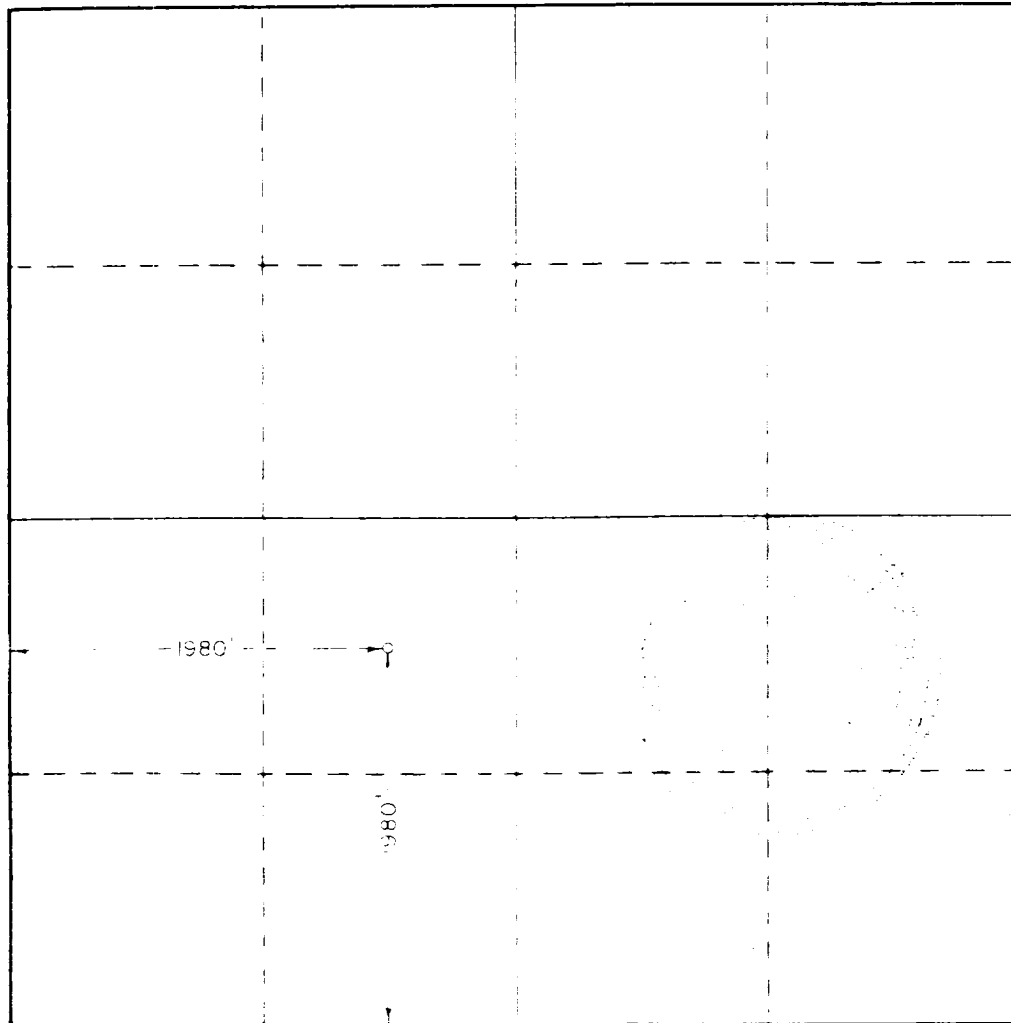
Operator Gulf Oil Corp.		Lease New "W" Section		Acreage	
Well Letter K	Section 1	Township 15 South	Range 14 East	County El Paso	
Actual Production Location of Well: 1980 feet from the 1/4 Section line and 1980 feet from the West line					
Ground Level Elev 4985.0'	Producing Formation Bore Springs	Pool Tricks 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 Surveys
6-21-84

Registered Professional Engineer
and Land Surveyor

John W. West

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



FILE
9-18-84

RECEIVED
MAY 22 1984
D.C.P.
FIELD OFFICE