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NEW MEXICO OIL CONSERVATION COMMISSION

30-025-28241

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-1630

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		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 "TZ" State	
2. Name of Operator Gulf Oil Corporation		9. Well No. 2	
3. Address of Operator P. O. Box 670, Hobbs, NM 88240		10. Field and Pool, or Wildcat Scharb Bone Springs	
4. Location of Well UNIT LETTER B LOCATED 460 FEET FROM THE North LINE AND 1980 FEET FROM THE East LINE OF SEC. 16 TWP. 19S RGE. 35E NMPM		12. County Lea	
19. Proposed Depth 10,900'		19A. Formation Bone Springs	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 3802.8' GL	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start 6-22-83			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	400'	350	circ
12½"	9-5/8"	36#	4,200'	1000	tie back to surf.
7-7/8"	5½"	15.5&17#	10,900'	400	to be det'd by CS caliper sur

Mud Program:

0' - 400'	FW spud mud 8.6ppg
400' - 4,200'	Sat. brine water 10.0ppg
4,200' - 9,500'	Cut brine 9.2-9.3ppg
9,500' - 10,900'	Cut brine polymer drispac KCL 15-25wl, 9.4ppg

See Attached BOP Drawing #3

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 12/13/83
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. G. Anderson Title Area Production Manager Date 6-10-83

(This space for State Use)

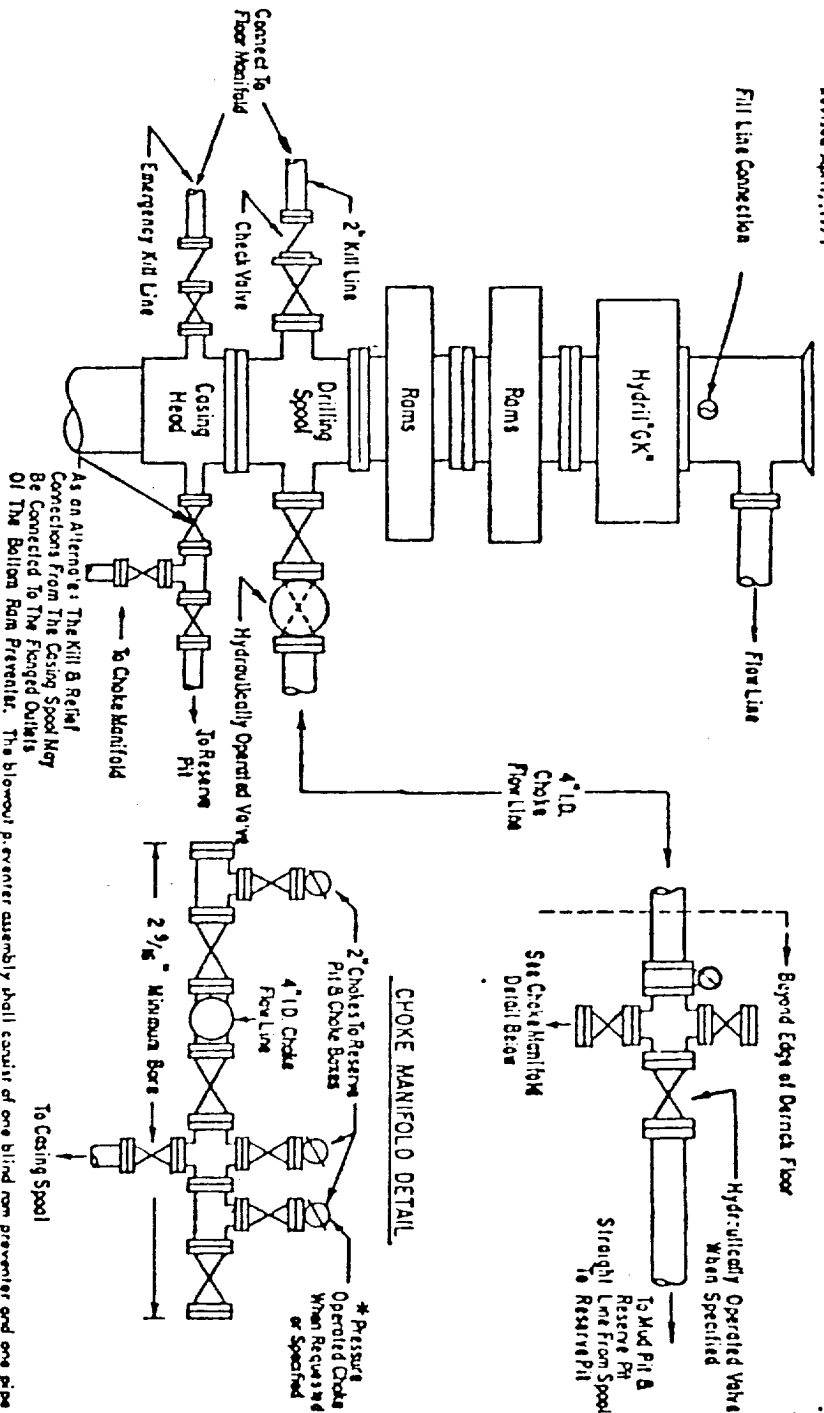
ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT SUPERVISOR TITLE DATE

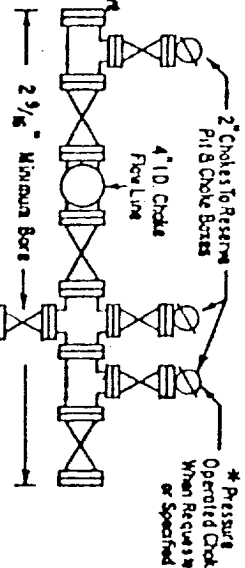
CONDITIONS OF APPROVAL, IF ANY:

JUN 13 1983

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C.C.D.
WORKS OFFICE



CHOKE MANIFOLD DETAIL



3000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

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 _____ 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 will be stored in the accumulators and will be sufficient to close all the pressure-operated devices simultaneously within _____ seconds after closure, the remaining accumulator pressure will be not less than 1000 PSI with the remaining accumulator fluid volume of at least _____ percent of the original. (3) When required, 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 indicating 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. 38 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy and safe access is 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 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 are to be equipped with handles.

* To include derrick floor mounted controls.

ADDITIONS - DELETIONS - CHANGES
SPECIFY

NEW MEXICO CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10,
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

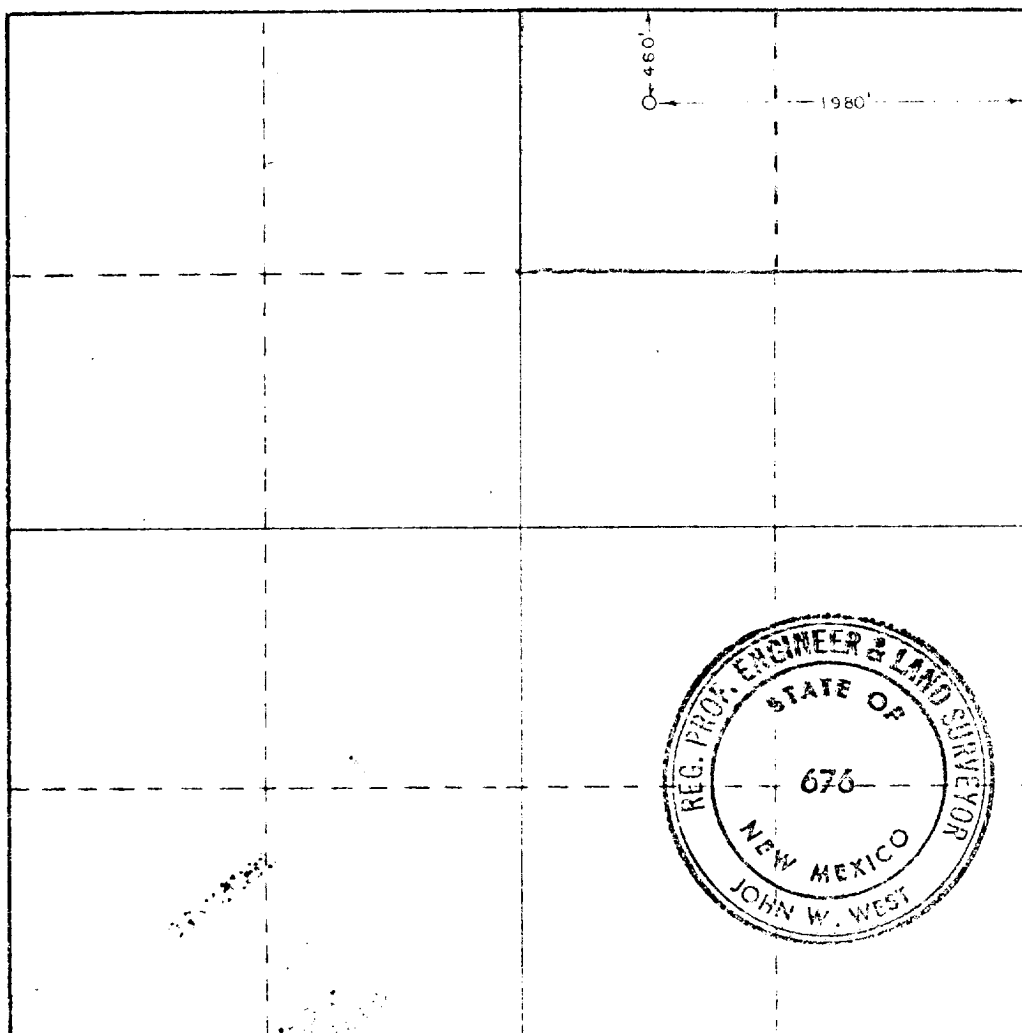
Operator GULF OIL CORP.			Lease Lea TZ - State		Well No 2
Unit Letter B	Section 16	Township 19 South	Range 35 East	County Lea	
Actual Footage Location of Well:					
460 feet from the north line and		1980 feet from the east line			
Ground Level Elev. 3802.8	Producing Formation Bone Springs	Pool Scharb Bone Springs	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.



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 Production Manager

Company

Gulf Oil Corporation

Date

6-10-83

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

June 8, 1983

Registered Professional Engineer
under supervision of

John W. West

Certificate No. **JOHN W. WEST 878**
PATRICK A. ROMERO 8808
Ronald J. Eidson 3235

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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O.C.D.
HOBBS OFFICE