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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.	
L-2493	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well		8. Farm or Lease Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		Lea State "30"	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No.	
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		1	
2. Name of Operator		10. Field and Pool or Wildcat	
GULF OIL CORPORATION		Airstrip-Wolfcamp	
3. Address of Operator		12. County	
P. O. Box 670, Hobbs, New Mexico 88240		Lea	
4. Location of Well		10. Proposed Depth	
UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE		10,800'	
AND 660 FEET FROM THE West LINE OF SEC. 30 TWP. 18-S RGE. 35-E NMPM		10A. Formation	
		Wolfcamp	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether D.F., RT, etc.)		21B. Drilling Contractor	
3945.7 GL		M-G-F Drilling Co. #10	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		02-17-79	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11-3/4"	11-3/4"	42#	300'	200	Circulate
11"	8-5/8"	24#	4,000'	500	Circulate
7-7/8"	5-1/2"	17# & 15.5#	10,800'	To Be Determined by Caliper Survey	7800'

NOTE: See Attached BOP Drawing No. 3

Circulating Media: 0' - 300' Fresh water spud mud;
300' - 4,000' Brine water;
4,000' - 10,800' Brackish water.

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.

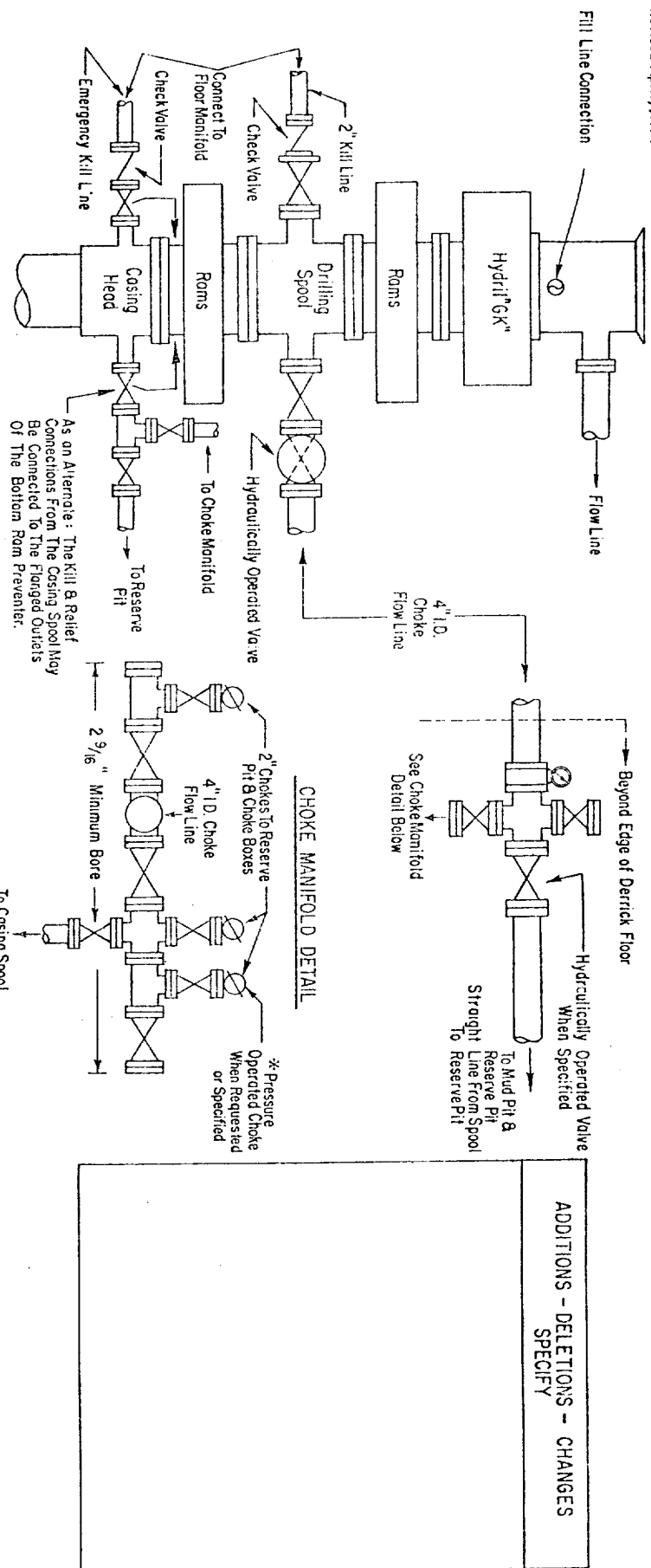
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed L. C. Anderson Title Area Production Manager Date 02-14-79

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DATE FEB 16 1979

CONDITIONS OF APPROVAL, IF ANY:



3000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril "GK" preventer, valves, chokes and connections as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are also avoidable as needed. 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 kill line, except when air or gas drilling. 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 _____ 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 must be sufficient to close off the pressure-operated devices simultaneously within _____ percent of the original. (3) When requested, 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 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, 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 OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-108
Effective 1-1-65

All distances must be from the outer boundaries of the Section

Gulf Oil Corp.		Lea State "30"		1
E	30	18 South	35 East	Lea
1930	North	660	West	
3945.7	Wolfcamp	Airstrip-Wolfcamp		38 37 40

- Outline the acreage dedicated to the subject well by colored pencil or chalk marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 additional well be assigned to the well until all interests have been consolidated (by communitization, unitization, force-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

R. C. ANDERSON

Area Production Manager

GULF OIL CORPORATION

February 14, 1979

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.

February 14, 1979

John W. West

Certified by John W. West 676

Ronald J. Edwards 3239

173