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NEW MEXICO OIL CONSERVATION COMMISSION

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FEB 26 1985

OIL CON. DIV.
DIST. 3

Form C-101
Revised 1-1-85

5A. Indicate Type of Lease

STATE ☒ FEE ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name McKinley 'AH' State	
2. Name of Operator Gulf Oil Exploration & Production Corp.		9. Well No. 1	
3. Address of Operator 1923 Del Paso Hbbs NM 88240		10. Field and Pool, or Wildcat Wildcat Entrada	
4. Location of Well UNIT LETTER M M LOCATED 990 FEET FROM THE South LINE AND 990 FEET FROM THE West LINE OF SEC. 36 TWP. 19N RGE. 8W NMPM		12. County McKinley	
19. Proposed Depth 4700'		19A. Formation Entrada	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DT, RT, etc.) 6835	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Unknown	
22. Approx. Date Work will start April 1		23.	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8	24	200	154 ft ³	Surface
7 7/8"	5 1/2	15.5	4700	1050 ft ³	Surface

Mud Program:

0-200' FW Spud mud 8.6-8.8 PPK

36-40 visc. Paper for seepage

200-4700' FW G-1 / Ben-x 8.6-9.0 PPK

APPROVAL EXPIRES 8-26-85

UNLESS DRILLING IS COMMENCED.

PH 9-10 - 33-36 visc 10-20 wt

SPUD NOTICE MUST BE SUBMITTED

WITHIN 10 DAYS.

BOP: Per attached Drawing for 2-3000 Psi WP

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.

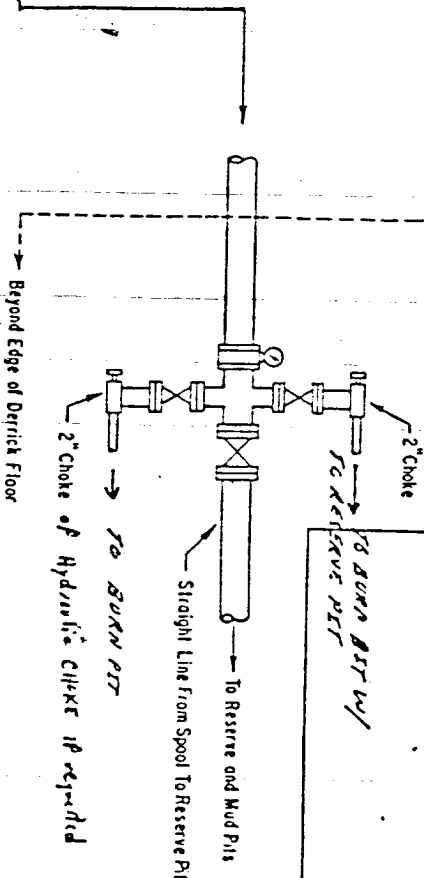
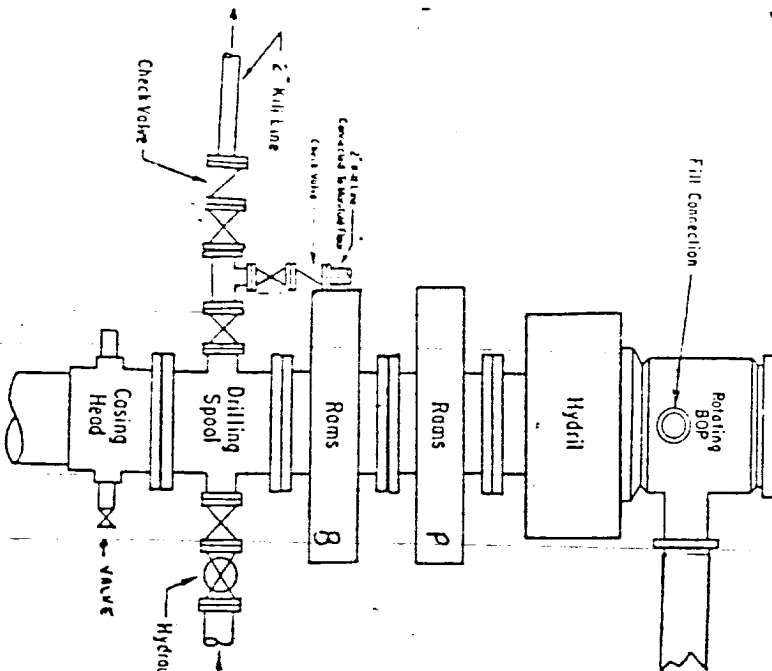
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed R.C. Gunden Title AREA PROD MGR Date 2-22-85

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE FEB 26 1985

CONDITIONS OF APPROVAL, IF ANY:



ADDITIONS - DELETIONS - CHANGES
SPECIFY

NOTE: "When Required" means at any time the Gulf Synwin can, may, or will require the equipment to be installed during operations.

2000-3000 PSI WORKING PRESSURE
BOP HOOK - UP

SPECIFY WORKING PRESSURE

labeled, with control handles to indicate 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, or 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 extension, vented joint if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

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 preventers are to be available as needed. The ram preventers may be two finger 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.

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 preventers are to be available as needed. The ram preventers may be two finger 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 it to be a closed system. (2) the charging pumps shut down, the pressurized fluid volume stored in the accumulator shall be sufficient to close all the pressure-operated devices simultaneously within 1/2 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 required, either an additional source of power, remote 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 required, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 38 hydraulic oil, or 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 extension, vented joint if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

Form C-103
Superanden C-12
Efectivo 14-63

Operator GULF OIL CORPORATION					Lease MCKINLEY "AH" STATE					Well No. 1					
Unit Letter M		Section 36		Township 19 NORTH		Range 8 WEST		County MCKINLEY							
Actual Footage Location of Wells															
990		feet from the		SOUTH		line and		990		feet from the		WEST		line	
Ground Level Elev. 6842		Producing Formation Entrada				Pool W.C.				Dedicated Acreages 40				Acres	

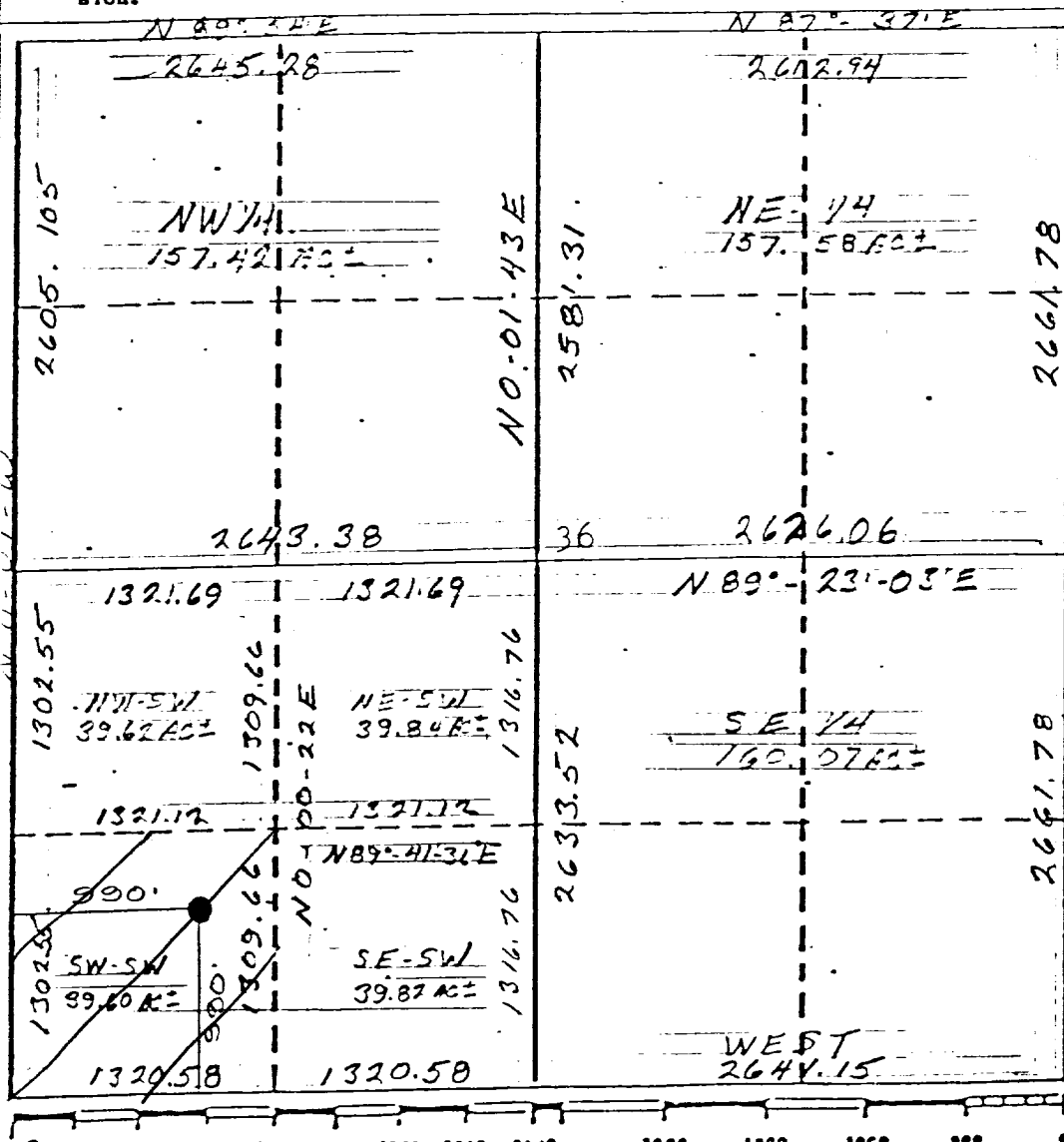
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The interest of all owners
FEB 26 1935

FEB 26 1985

☐ Yes ☐ No If answer is "yes," type of consolidation

If answer is "no," list the owners and tract descriptions which have actually been ~~participated~~ ^{disturbed}. (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.



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

L. C. Underhill

Name:

R.C. ANDERSON

Position

AREA PROD MGR

Company

GULF OIL CORP

Date _____

2-22-85

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.

George R. Tompkins

Date Surveyed
February 14, 1985

Registered Professional Engineer
and/or Land Surveyor

George R. Tompkins

Certificate No.

7259