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NEW MEXICO OIL CONSERVATION COMMISSION

OCT 22 1979

O. C. C.
ARTESIA, OFFICE

30-015-23044
Form C-101
Revised 1-1-65

5A. indicate Type of Lease STATE ☒ FEE ☐
5. State Oil & Gas Lease No. L-3756
7. Unit Agreement Name
8. Farm or Lease Name Eddy State Com #3511
9. Well No. 1
10. Field and Pool, or Wildcat Undesignated, Morrow
12. County Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			
1a. Type of Work b. Type of Well DRILL ☒ DEEPEN ☐ PLUG BACK ☐ OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐			
2. Name of Operator GULF OIL CORPORATION			
3. Address of Operator P.O. Box 670, Hobbs, NM 88240			
4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980'</u> FEET FROM THE <u>North</u> LINE AND <u>1980'</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>35</u> TWP. <u>18S</u> RGE. <u>24E</u> NMPM			
19. Proposed Depth 9000'			
19A. Formation Morrow			
20. Rotary or C.T. Rotary			
21. Elevations (Show whether DT, RT, etc.) 3696.6'			
21A. Kind & Status Plug. Bond Blanket			
21B. Drilling Contractor --			
22. Approx. Date Work will start November 1, 1979			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14-3/4"	11-3/4"	42#	400'	300 sx	Circulated
11"	8-5/8"	24#	1200'	800 sx	Circulated
7-7/8"	5 1/2"	15.5 & 17#	9000'	700 sx*	6600'

*volume to be determined by caliper log

Mud Program:

- 0 - 400' Fresh water spud mud with paper for seepage loss.
- 400 - 1200' Fresh water with viscosity needed to maintain good hole conditions; may need paper for seepage.
- 1200 - 6000' Fresh water with paper for seepage.
- 6000 - 8000' Start increasing weight and chlorides by adding brine water.
- 8000 - 9000' Brine water polymer with 3-5% KCl and soda ash to increase weight as required; mud weight 9.4 to 10.4 ppg; vis 34-38 sec; filtrate 10-15 cc lower to 5 cc or less as necessary

BOP: See attached BOP Drawing #3

Gas is not dedicated.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCES

EXPIRES 1-23-80

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 W. A. Gressett 10-22-79 Title Area Production Manager Date 10-22-79

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE OCT 23 1979

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness completion of the 858" casing

11 3/4" 48 7/8"

NEW MEXICO OIL CONSERVATION COMMITTEE ON
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 CO.		Lessee EDDY STATE COM. #35		Well No. 1	
Letter G	Section 35	Township 18 South	Range 24 East	County Eddy	
Actual Spillage Location of Well: 1980 feet from the North 1980 feet from the East					
Ground Level Elev. 3696.6	Producing Formation Morrow	Post Undesignated Morrow	Dedicated Acreage: 320 Acres		

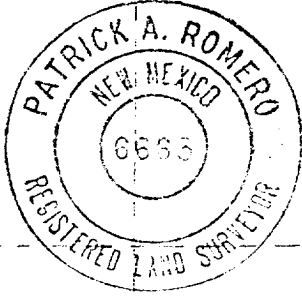
- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated 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 Communitization

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.

Gulf Oil Corporation P.O. Box 670, Hobbs, NM 88240		1980'
Mesa Petroleum Co. P.O. Box 1756, Hobbs, NM 88240		1980'



CERTIFICATION

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

Patricia A. Romero 10-22-79

Area Production Manager

Gulf Oil Corporation

10-22-79

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 Plotted:
October 20, 1979

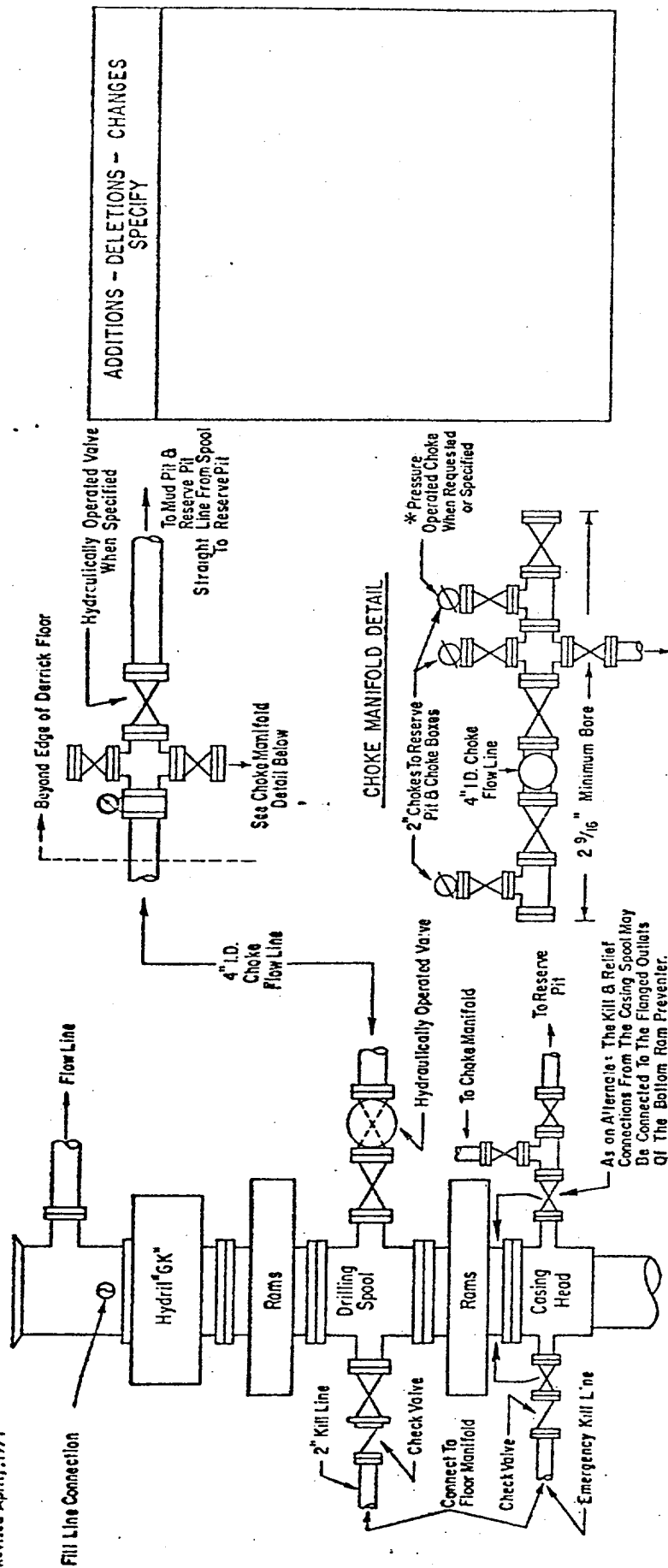
Registered Professional Engineer and Land Surveyor

Patrick A. Romero

Estimated by: JOHN H. WEST 378
 PATRICK A. ROMERO 3363
 Ronald J. Eldon 3239

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

DRAWING NO.3
Revised April, 1971



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 "GX" 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 available 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 oil 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 volumes 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 all the pressure-operated devices simultaneously within _____ seconds; after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume at least _____ 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 Hydriil 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.