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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input checked="" type="checkbox"/>

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"/>		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		H. T. Mattern (NCT-B)	
2. Name of Operator		9. Well No.	
Gulf Oil Corporation		21	
3. Address of Operator		10. Field and Pool, or Wildcat	
Box 670, Hobbs, New Mexico 88240		Drinkard	
4. Location of Well		12. County	
UNIT LETTER <u>G</u> LOCATED <u>2310</u> FEET FROM THE <u>North</u> LINE		Lea	
AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>21-S</u> RGE. <u>37-E</u> NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or C.T.
6800'		Drinkard	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3481' GL	Blanket		November 15, 1975

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11"	8-5/8"	24#	1250'	Circulate	
7-7/8"	5-1/2"	15.5#	6800'	Base of Salt	

BOP: See Drawing No. 3 attached.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 2-7-76

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.

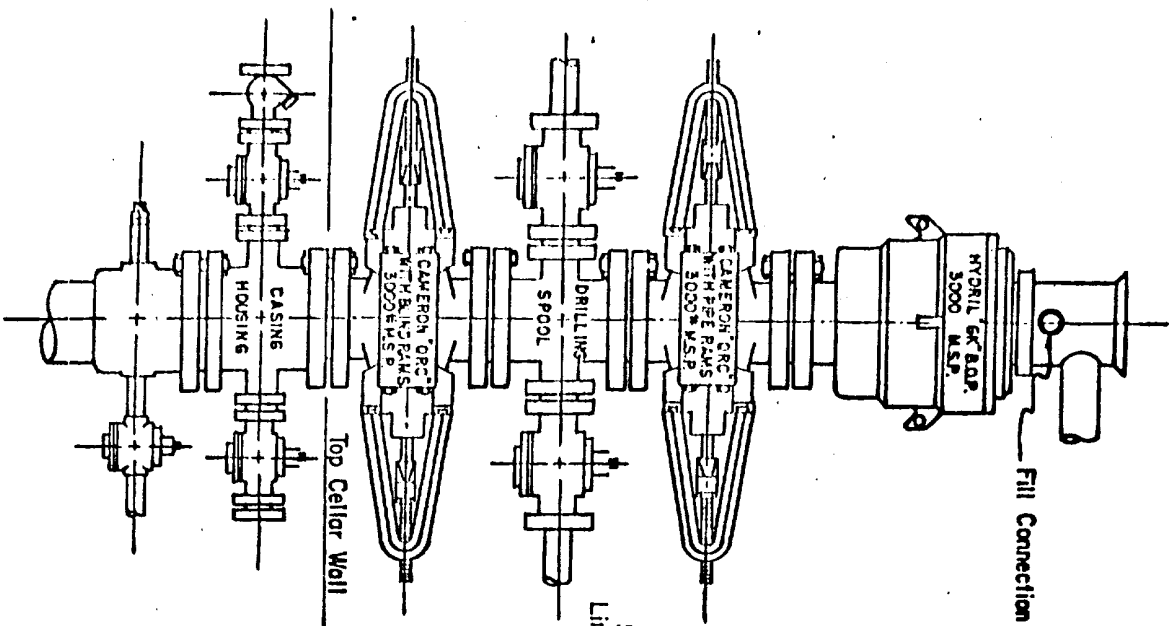
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed D. F. Berlin Title Area Engineer Date November 6, 1975

(This space for State Use)

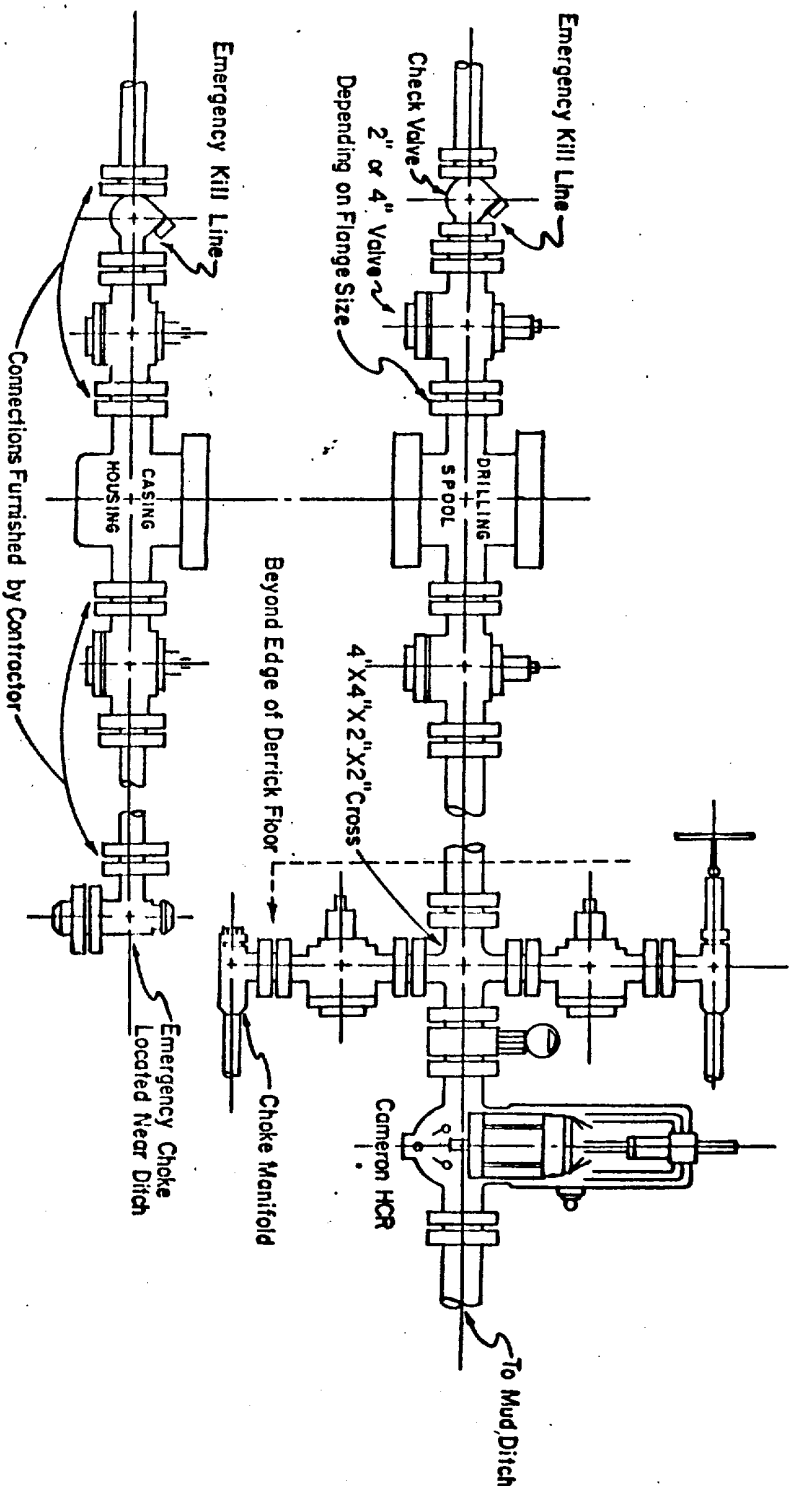
APPROVED BY [Signature] DATE 11/6/75

CONDITIONS OF APPROVAL, IF ANY:



3,000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better



3,000 PSI WORKING PRESSURE KILL, CHOKE, AND FILL CONNECTIONS

API Series 900 Flanges or Better

DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

Minimum assembly for 3000 PSI working pressure will consist of three preventers. The bottom and middle preventers may be Cameron ORC, Cameron Type F single or Shafter Hydraulic single, and the upper will be Hydril GK. In lieu of the drilling spool, the flanged outlets from the Cameron Type F single open face flanged preventer, provided the outlets are the correct size, may be used for the four-inch flow line and the two-inch kill line.

Size 12-inch preventers may be used for work down through 8-5/8-inch casing. Size 10-inch preventers may be used for work down through 7-5/8-inch casing. Size six-inch preventers are to be used for work through 7-inch and 5-1/2-inch casings.

Minimum operating equipment for the preventers will be: (1) An air operated pump and (2) An accumulator(s) with some means of obtaining a fluid charge. A closed fluid system is recommended. The closing manifold and remote closing manifold will have a separate four-way valve for each pressure operated device and a Hydril regulator will be provided. Sufficient fluid capacity in the accumulator(s) shall be available to close all the pressure operated devices at the same time with 25 percent reserve. Gulf No. 561 hydraulic oil shall be used as the operating fluid.

The four-inch flow line from the preventers shall be supported by a metal stand or reinforced concrete. All valves throughout the assembly shall be selected for operation in both gas and fluids.

The ram type preventers and the Cameron HCR valve will be provided with stem extensions, universal joints, if needed, and operating wheels.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-10,
Supersedes O-128
Effective 1-1-69

All distances must be from the outer boundaries of the Section

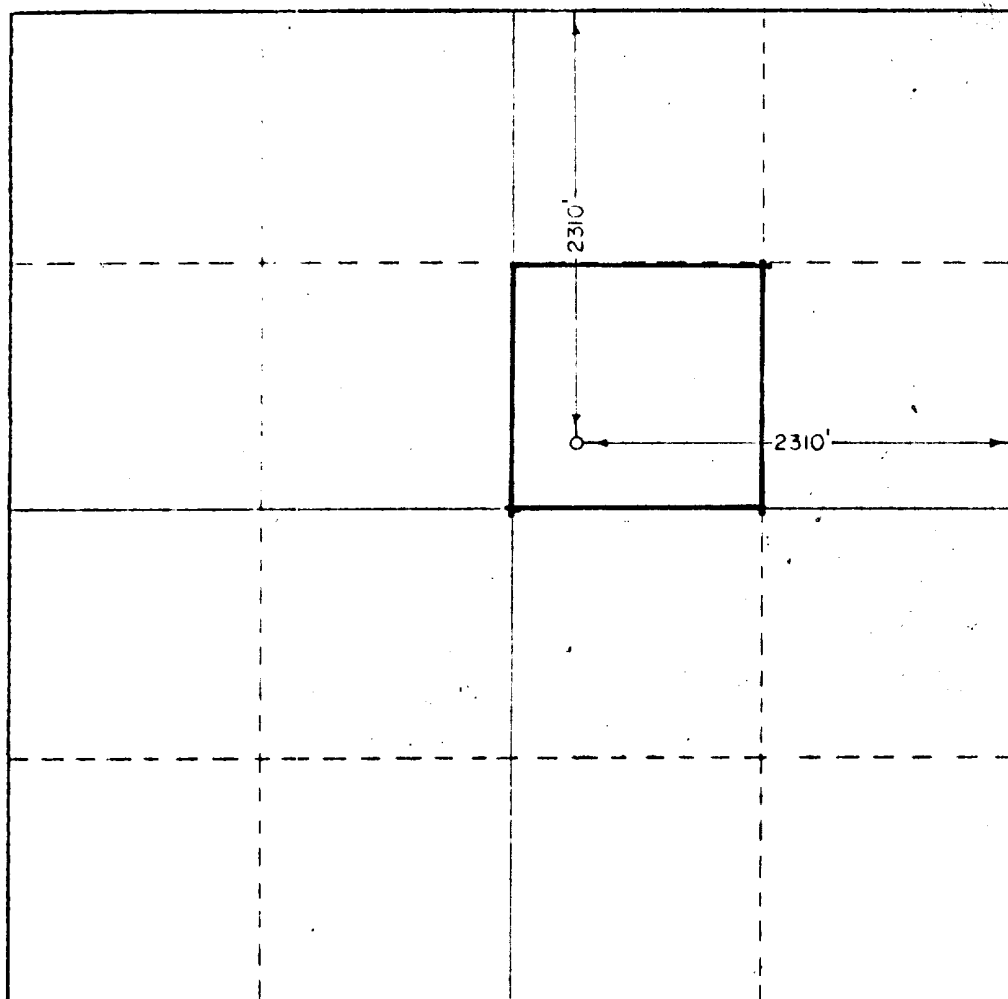
Operator Gulf Oil Company - USA		Lease H. T. Mattem NCT B		Well 21
Tract G	Section 31	Township 21 South	Range 37 East	County Lea
Approximate Location of Well:				
2310	feet from the	North	line and	2310
				feet from the
				East
Ground surface 3480.6	Producing Formation Drinkard		Depth 40	

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 well 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.

D.T. Berlin

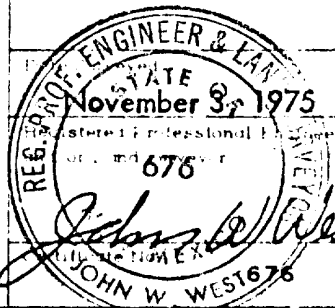
Name
D. T. BERLIN

Position
Area Engineer

Company
Gulf Oil Corporation

Date
November 6, 1975

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.



0 330 660 990 1320 1650 1980 2310 2640 2000 1800 1600 1400 1200 1000 800 0

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