

30-025-29094

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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		
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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		

7. Unit Agreement Name

8. Farm or Lease Name

H.T. MATTERN (NCT-B)

9. Well No.

23

10. Field and Pool, or Wildcat

DRINKARD

2. Name of Operator

GULF CORPORATION

3. Address of Operator

P.O. Box 670 HOBBS, NEW MEXICO 88240

4. Location of Well

UNIT LETTER G LOCATED 1650 FEET FROM THE NORTH LINE

AND 1650 FEET FROM THE EAST LINE OF SEC. 31 TWP. 21S RGE. 37E NMPM

12. County

LEA

21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
3484.7 GLE	BLANKET	UNKNOWN	JANUARY 10 1985

23.

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	350 ft ³	CIRCULATE
11	8 5/8	24 & 32	2700	1300 ft ³	CIRCULATE
7 7/8	5 1/2	15.5	TD	~1000 ft ³	TIE-BACK TO INTERMEDIATE

MUD PROGRAM:

0-400 FW SPUD MUD
400-2700 SATURATED BRINE WATER 100 ppv
2700-TD FW - CUT BRINE 8.4-9.2 ppv 29-32 vis TO 20 cc WL 9.5 pH

BOP PROGRAM:

SEE ATTACHED DRAWING FOR 2-3000 psi WORKING PRESSURE HOOKUP
ON SURFACE AND INTERMEDIATE. Permit Expires 6 Months From Approval Date 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 J. C. Martin Title AREA PROD MGR Date 12-28-84

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

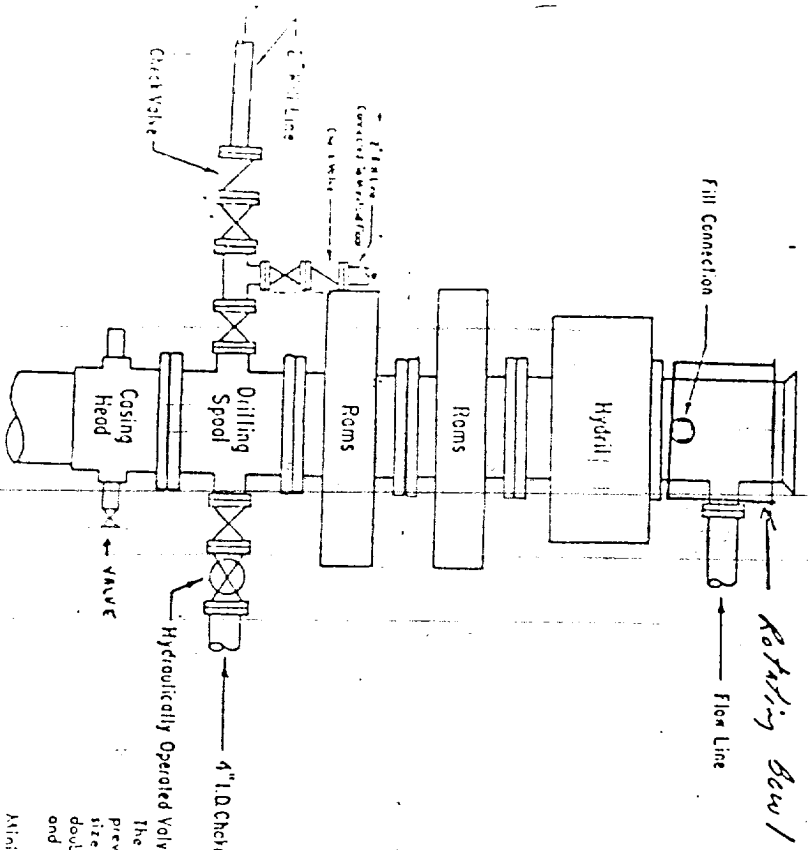
APPROVED BY DISTRICT 1 SUPERVISOR TITLE DATE JAN - 2 1985

CONDITIONS OF APPROVAL, IF ANY:

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U.S. DEPT. OF JUSTICE



2000-3000 PSI WORKING PRESSURE
BOP HOOK-UP FOR LARGE CASINGS

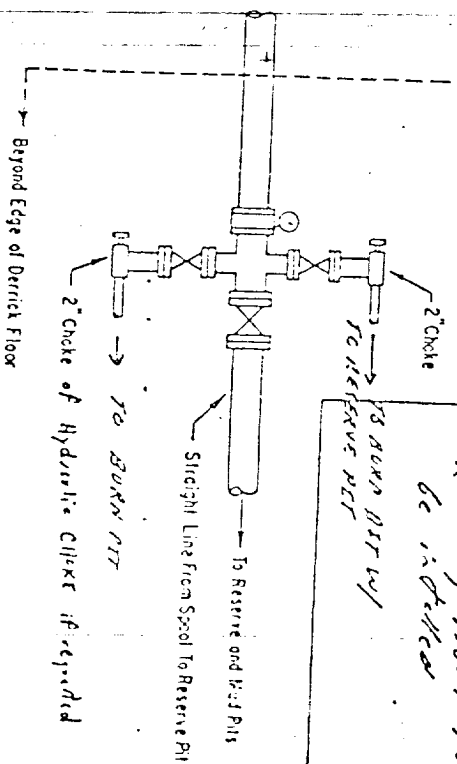
SPECIFY WORKING PRESSURE

Mounted, with control handles to indicate open and closed positions. A pressure reducer and regulator must be provided for operating the Hydraulic preventer. When required, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Region 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 steel stands and adequately anchored. The choke flow line, relief lines and choke lines shall be constructed as straight as possible and without sharp bends. Lay a steel section shall be maintained to the choke manifold. All valves are to be selected for operation in the presence of oil, gas, and drilling fluid. The choke flow line valves and valves of the relief lines connected to the drilling spool and all ram preventers must be equipped with stem extension, universal joints if needed and hand wheels which are to extend beyond the edge of the derrick platform. All other valves shall be equipped with handles.

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 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is 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 second after closure. The remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of less than 50 percent of the original. When required, either an additional source of power, remote equal in performance capabilities.



ADDITIONS - DELETIONS - CHANGES
SPECIFY

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

Rotating Bowl to be installed

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NE MEXICO OIL CONSERVATION COMMISSION
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.

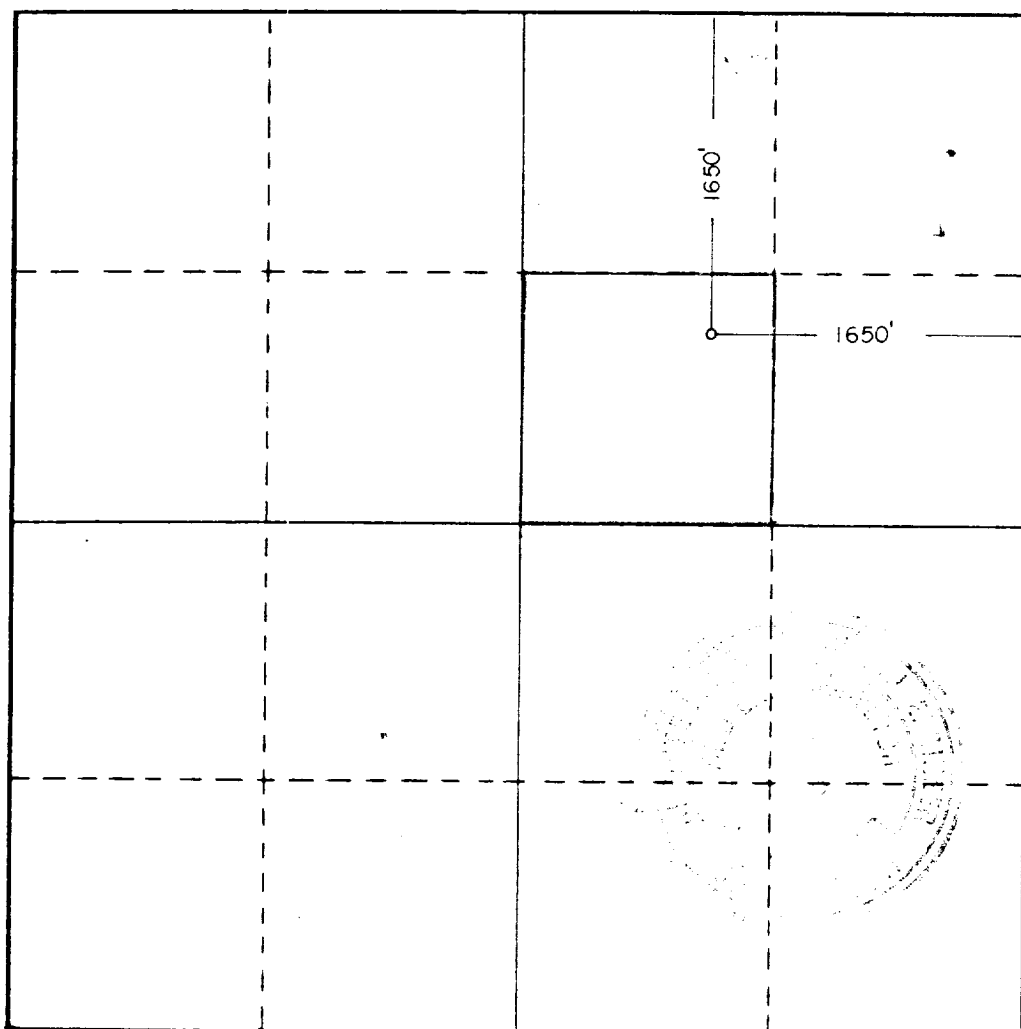
Operator GULF OIL CORP.			Lease HIT MATTERN NCT-B			Well No. 23		
Unit Letter G	Section 31	Township 21S	Range 37E	County LEA				
Actual Footage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line								
Ground Level Elev. 3484.7	Producing Formation DRINKARD			Pool DRINKARD			Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 PROD MGR
Company
GULF OIL CORP
Date
12-28-84

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 Surveyed
12/18/84

Registered Professional Engineer
and/or Land Surveyor

Ronald J. Eidson
Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239

330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600

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