

30-025-28214

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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.	
V-289	

## 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 checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name LEA "AAY" STATE	
2. Name of Operator GULF OIL CORPORATION		9. Well No. 1	
3. Address of Operator P.O. Box 670 HOBBS NEW MEXICO 88240		10. Field and Pool, or Wildcat SAUNDERS UPPER PERMO PENN	
4. Location of Well UNIT LETTER M LOCATED 990 FEET FROM THE SOUTH LINE AND 660 FEET FROM THE WEST LINE OF SEC. 16 TWP. 14S RGE. 33E NMPM		12. County LEA	
21. Elevations (Show whether DF, RT, etc.) 4224.6 GLE		19. Proposed Depth 10,150	19A. Formation PERMO PENN
21A. Kind & Status Plug. Bond BLANKET	21B. Drilling Contractor UNKNOWN	20. Rotary or C.T. ROTARY	
		22. Approx. Date Work will start FEBRUARY 6, 1984	

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	48#	400'	~ 400 SKS	SURFACE
12 1/4	8 3/8	24# & 28#	4200'	~ 1400 SKS	TIE BACK SURFACE
7 3/8	5 1/2	17# & 20#	10,150'	~ 600 SKS	~ 5000'

## MUD PROGRAM

0-400' FRESH WATER SPUD MUD 8.6 ppq 32-36 vis  
 400'-4200' NATIVE MUD WITH BRINE ADDITIONS 9.8-10.1 ppq 29-33 vis  
 4200'-9000' CUT BRINE w/SWEETS 8.8-9.4 ppq 29-33 vis  
 9000'-TD BRINE POLYMER-SEAMUD 8.9-9.4 ppq 32-34 vis 10-20 WL

## BOP

DRAWING #3 3000 psi WORKING PRESSURE

APPROVAL VALID FOR 180 DAYS  
 PERMIT EXPIRES 7/30/84  
 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. Anderson Title AREA MANAGER Date 1-30-84

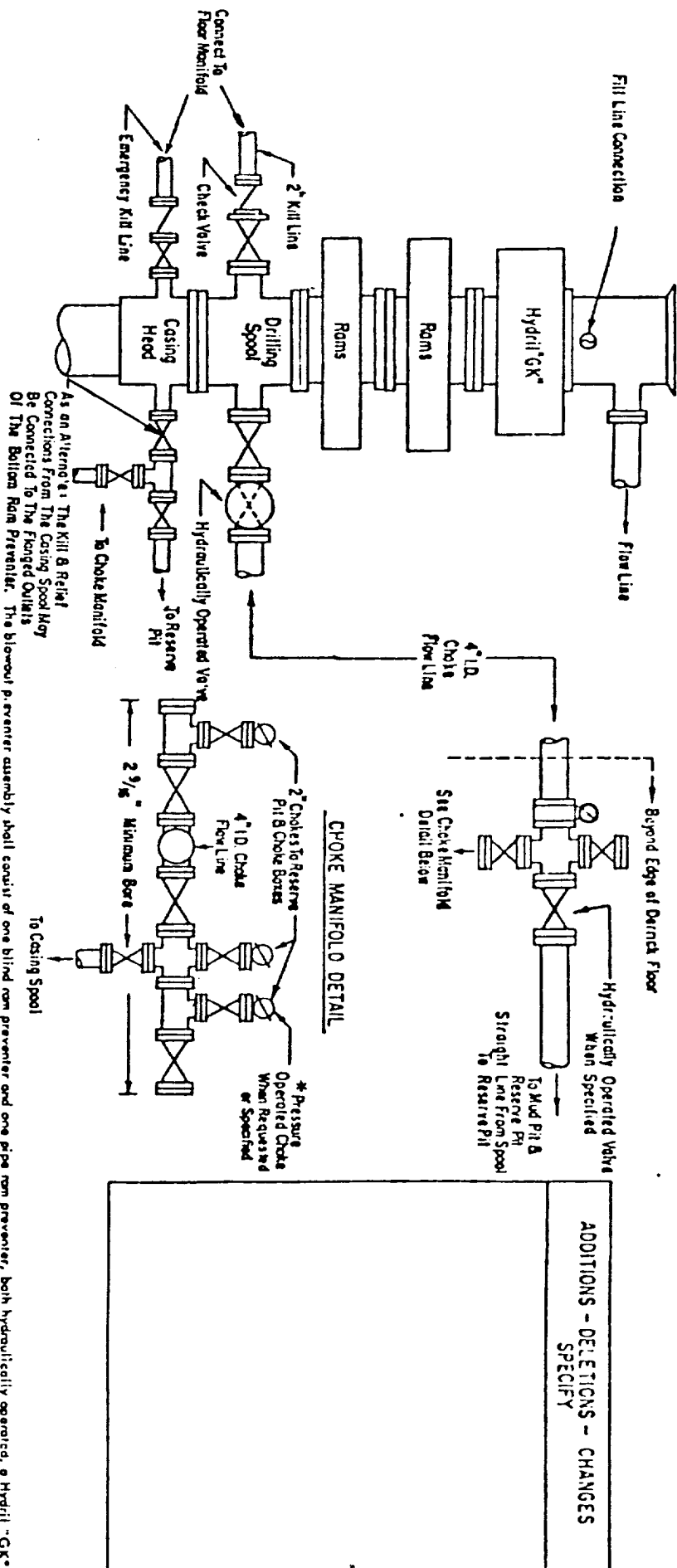
(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON

APPROVED BY DISTRICT 1 SUPERVISOR TITLE  DATE JAN 30 1984

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED  
JAN 20 1984  
HCC



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 GK pressure source. 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 labeled for operation in the presence of oil, gas, and drilling fluid. 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.

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 \_\_\_\_\_ 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 as to receive the aforementioned fluid charge. With the charging pumps shut down, the pressurized fluid volume stored in 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 blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Hydril GK pressure source, 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 runs to fit the preventer are to be 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 air or gas drilling. The substructure height shall be sufficient to install a rotating blowout preventer.

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JAN 30 1984  
HOBBS OFFICE

NEW 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

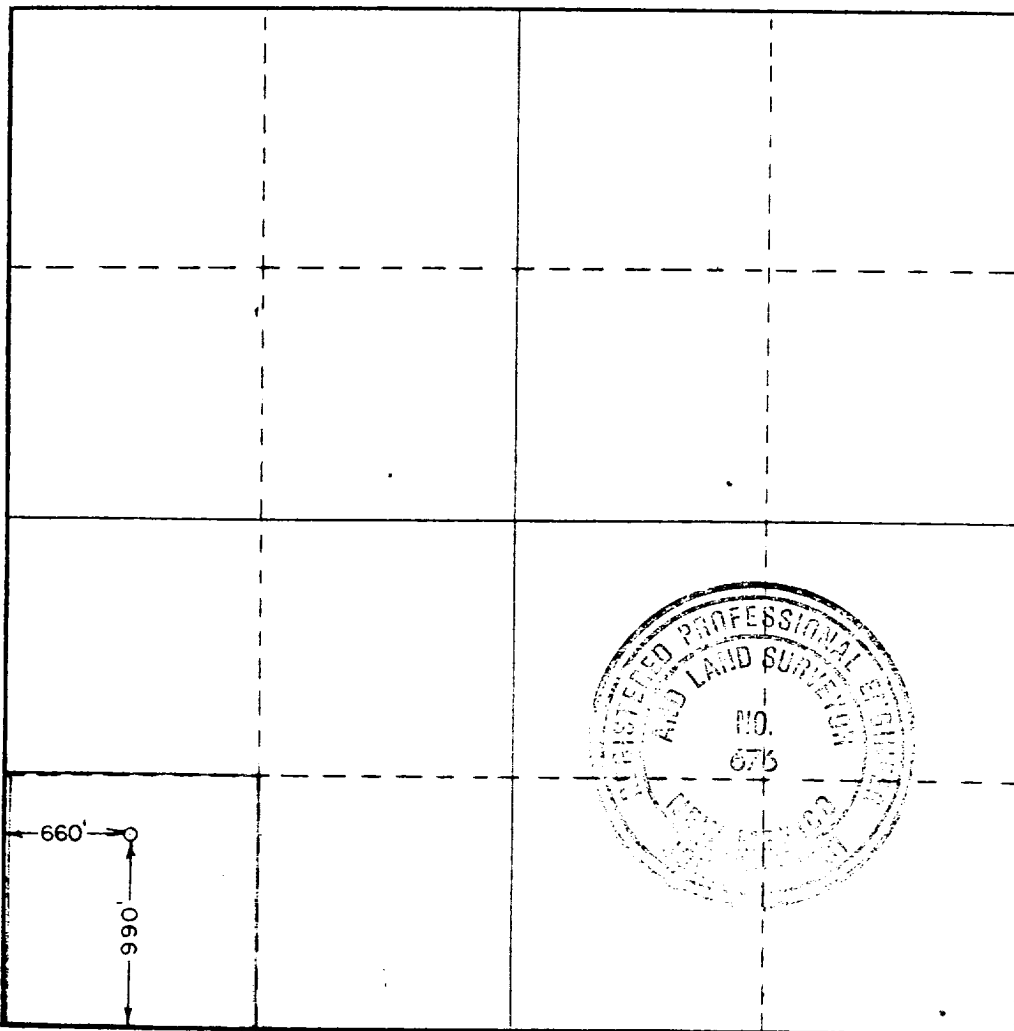
Operator <b>GULF OIL CORP.</b>			Lease <b>LEA AAY STATE</b>			Well No. <b>1</b>		
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>14 S</b>	Range <b>33 E</b>	County <b>LEA</b>				
Actual Footage Location of Well: <b>990</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>WEST</b> line								
Ground Level Elev. <b>4224.6</b>	Producing Formation <i>Perm</i>		Pool <i>Saunders Upper Perm Perm</i>			Dedicated Acreage: <b>40</b> 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 MANAGER**

Company  
**GULF OIL CORP**

Date  
**1-30-84**

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  
**1-27-84**

Registered Professional Engineer and/or Land Surveyor

*John W. West*

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

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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. V-289

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well 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"/>		DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation				8. Farm or Lease Name Lea "AAY" State
3. Address of Operator P. O. Box 670, Hobbs, NM 88240				9. Well No. 1
4. Location of Well UNIT LETTER M LOCATED 660 FEET FROM THE West LINE AND 660 FEET FROM THE South LINE OF SEC. 16 TWP. 14S RGE. 33E NMPM				10. Field and Pool, or Wildcat Saunders Upper Permo Pen
				12. County Lea
		19. Proposed Depth 10,150'	19A. Formation Permo Penn	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4223' GL	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Unknown	22. Approx. Date Work will start 5-15-83	

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8"	48#	400'	400	surf
12 1/4"	9-5/8"	36#	4,100'	1200	tieback-surf pipe
7-7/8"	5 1/2"	20#&17#	10,150'	determined on log evaluation	5000'

Mud Program:

0' - 400'	FW spud
400' - 4,100'	Sat Brine
4,100' - 8,900'	Cut Brine 8.6-8.9ppg
8,900' - 10,150'	Starch Poly 9.0-9.5ppg

See Attached BOP Drawing #3

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 11/10/83  
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.

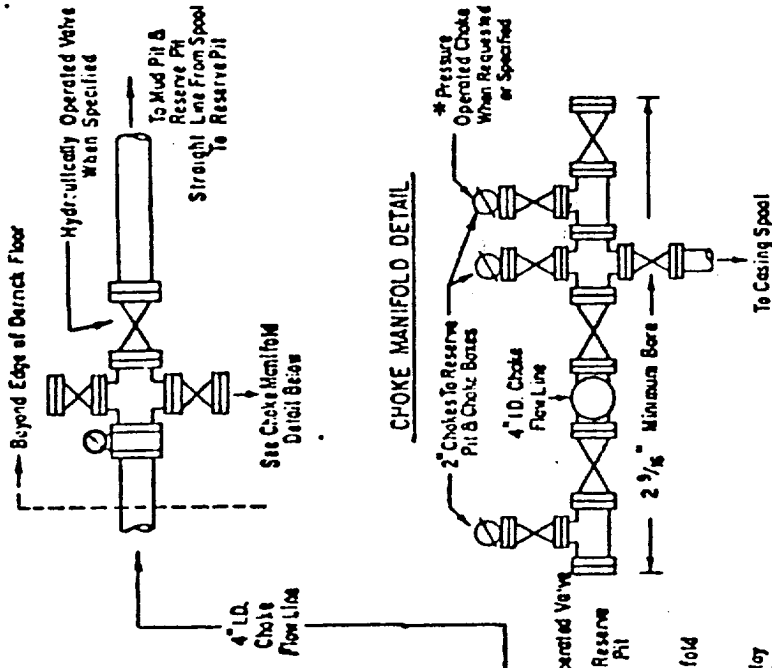
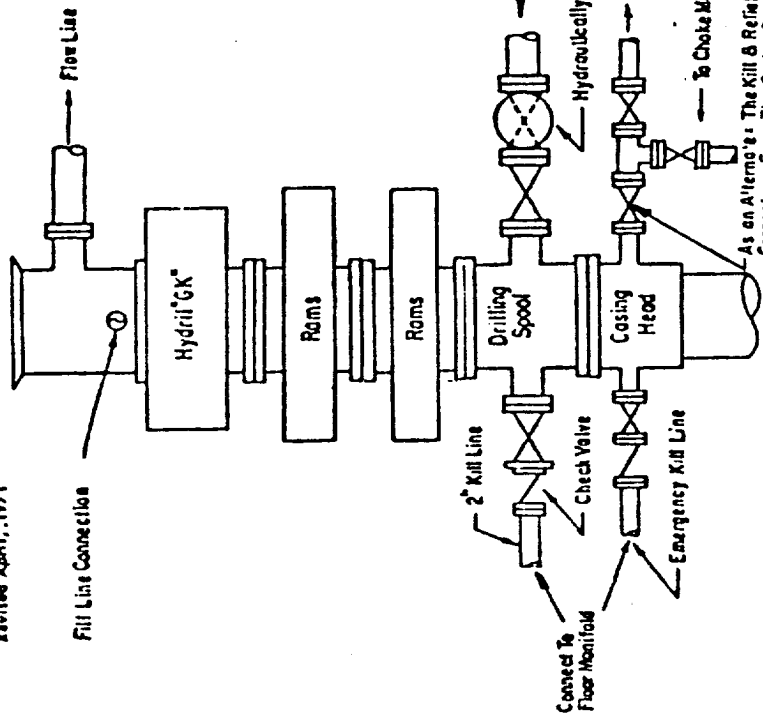
Signed RDPete for RCA Title Area Production Manager Date 5-6-83

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY JERRY SEXTON TITLE DISTRICT 1 SUPERVISOR  
CONDITIONS OF APPROVAL, IF ANY:

DATE MAY 10 1983

DRAWING NO. 3  
Revised April, 1971



ADDITIONS - DELETIONS - CHANGES  
SPECIFY

### 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 runs to fit the preventers are to be 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 air or gas drilling. The substructure height shall be sufficient to install a rotating blowout preventer.

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 \_\_\_\_\_ minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) Accumulation 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 accumulator 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 Hydril preventer. When requested, a second pressure reducer shall be available to limit operating fluid pressures to ram preventers. Gulf Legion No. 3B 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.



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MAY 9 1983

C.C.D.  
HOBBS OFFICE

NE EXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section

Operator <b>GULF OIL CO.</b>		Lease <b>LEA AAY STATE</b>		Well No. <b>1</b>
Unit Letter <b>M</b>	Section <b>16</b>	Township <b>14S</b>	Range <b>33E</b>	County <b>LEA</b>
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line and <b>660</b> feet from the <b>WEST</b> line				
Ground Level Elev. <b>4223.2</b>	Producing Formation <b>Permo Penn</b>	Pool <b>Saunders Upper Permo Penn</b>	Dedicated Acreage: <b>40</b> 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 Production Manager**

Company  
**Gulf Oil Corporation**

Date  
**5-6-83**

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  
**5/2/83**

Registered Professional Engineer and/or Land Surveyor  
*John W. West*

Certificate No.  
**JOHN W. WEST N.M. #676**

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MAY 9 1983

U.S. DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D.C. 20535  
COMMUNICATIONS SECTION

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