

*Set for hearing*

# Gulf Oil Exploration and Production Company

D. L. Joiner  
MANAGER TECHNICAL  
WESTERN DIVISION

P. O. Drawer 1150  
Midland, TX 79702

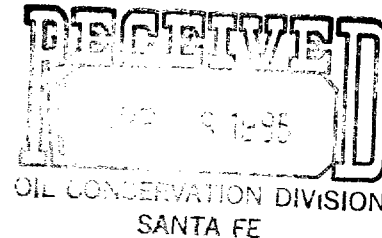
April 2, 1985

*Case 85-97*

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. David Catenach

Dear Mr. Catenach:



RE: Administrative Application  
For Unorthodox Location and  
Non-Standard Proration Unit,  
R. R. ~~Bell~~, NCT-C, Well 5,  
Lea County, New Mexico

Gulf Oil Corporation respectfully requests administrative approval for an Unorthodox Location and Non-Standard Proration Unit for the captioned well. This Eumont Gas completion will be located 1470' from the north line and 1310' from the west line of Section 15, T-21-S, R-36-E, Lea County. The 320 acre proration unit will consist of the west half of Section 15, T-21-S, R-36-E.

The above described 320 acre proration unit is currently dedicated to the R. R. Bell NCT-C, Well 4. Form C-103, giving notice of our intention to abandon the Eumont Gas in Well 4, was sent to the OCD March 1, 1985. It is my understanding that, upon cessation of production from Well 4, the current proration unit will dissolve necessitating the formation of the new proration unit described in this application.

The captioned well is being drilled as a result of the newly established Eunice-Monument South Unit (EMSU). Gulf's plan is to abandon the Eumont Gas zone in several wells, donate the wellbores to said Unit, and drill replacement Eumont Gas wells. This well's location was chosen so that it falls on a 20 acre infill location in the EMSU, allowing flexibility for future use as a producer or injector in the Eunice-Monument (Grayburg - San Andres) Pool.



A DIVISION OF GULF OIL CORPORATION

New Mexico Oil  
Conservation Division

-2-

April 2, 1985

Please find attached forms C-101 and C-102, BOP Diagram, Offset Operators list and a plat showing offset leases and well locations. Offset Operators are being notified of our application by a registered copy of this letter. If any questions, please contact L. D. Munson at - (A.C. 915) 687-7318.

Yours very truly,

  
D.L. Joiner

LDM/gme

Attachments

cc: J. T. Sexton - OCD District 1 Director, Hobbs

**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.

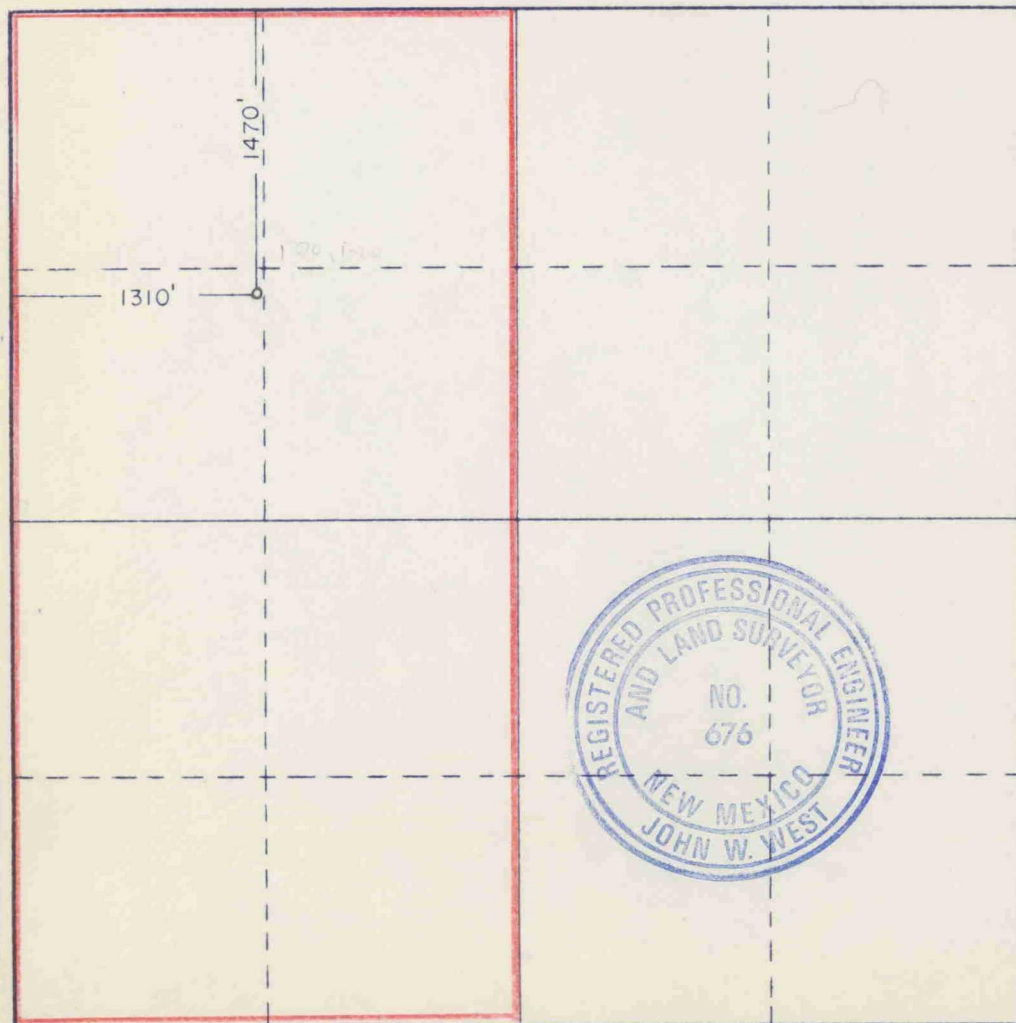
|                                                                                                                                                                                                                 |                                                        |                        |                                     |                      |                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------|-------------------------------------|----------------------|----------------------------------------|
| Operator<br><b>GULF OIL CORP.</b>                                                                                                                                                                               |                                                        |                        | Lease<br><b>R.R. BELL NCT-C COM</b> |                      | Well No.<br><b>5</b>                   |
| Unit Letter<br><b>E</b>                                                                                                                                                                                         | Section<br><b>15</b>                                   | Township<br><b>21S</b> | Range<br><b>36E</b>                 | County<br><b>LEA</b> |                                        |
| A Location of Well:<br><div style="display: flex; justify-content: space-between;"> <span><b>1470</b> feet from the <b>NORTH</b> line and</span> <span><b>1310</b> feet from the <b>WEST</b> line</span> </div> |                                                        |                        |                                     |                      |                                        |
| Ground Level Elev.<br><b>3577.1</b>                                                                                                                                                                             | Producing Formation<br><b>Penrose, 7 Rivers, Yates</b> |                        | Pool<br><b>Eumont Gas</b>           |                      | Dedicated Acreage:<br><b>320</b> Acres |

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 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.*

Name \_\_\_\_\_

Position \_\_\_\_\_

Company \_\_\_\_\_

Date \_\_\_\_\_

*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

**3/11/85**

Registered Professional Engineer  
and/or Land Surveyor

*John W. West*

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

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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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 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<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>                                                                           |  | 8. Farm or Lease Name            |  |
| DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>                                                                                               |  | RR BELL NCT-C Com                |  |
| 2. Name of Operator                                                                                                                                                                                        |  | 9. Well No.                      |  |
| Gulf Oil Corp.                                                                                                                                                                                             |  | 5                                |  |
| 3. Address of Operator                                                                                                                                                                                     |  | 10. Field and Pool, or Wildcat   |  |
| P. O. Box 670, Hobbs, NM 88240                                                                                                                                                                             |  | EUMONT                           |  |
| 4. Location of Well<br>UNIT LETTER <u>E</u> LOCATED <u>1470</u> FEET FROM THE <u>NORTH</u> LINE<br>AND <u>1310</u> FEET FROM THE <u>WEST</u> LINE OF SEC. <u>15</u> TWP. <u>21 S</u> RGE. <u>36 E</u> NMPM |  | 12. County                       |  |
|                                                                                                                                                                                                            |  | LEA                              |  |
| 19. Proposed Depth                                                                                                                                                                                         |  | 19A. Formation                   |  |
| 3600                                                                                                                                                                                                       |  | EUMONT                           |  |
| 20. Rotary or C.T.                                                                                                                                                                                         |  | ROTARY                           |  |
| 21. Elevations (Show whether DP, RT, etc.)                                                                                                                                                                 |  | 21A. Kind & Status Plug. Bond    |  |
| 3577.1 GLE                                                                                                                                                                                                 |  | BLANKET                          |  |
| 21B. Drilling Contractor                                                                                                                                                                                   |  | 22. Approx. Date Work will start |  |
| UNKNOWN                                                                                                                                                                                                    |  | 4/10/85                          |  |

## 23. 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              | 450           | 300 Sx 400 FT <sup>3</sup>  | SURFACE  |
| 7 7/8        | 5 1/2          | 15.5            | 3400          | 600 Sx 1400 FT <sup>3</sup> | SURFACE  |
| 4 3/4        | NONE           | N/A             | 3600          | NONE                        | N/A      |

PLAN TO SET 5 1/2" CASING AT 3400' - MOVE OUT RIG - MOVE IN PULLING UNIT AND DRILL OUT + OPEN HOLE COMP @ 3600'.

SEE ATTACHED BOP DRAWING FOR 2000-3000 \* WORKING PRESSURE.

MUD PROGRAM S 0-450' FW SPUD MUD 8.6-8.8 PPG 32-36 VIS 8.9 PH

450-3400' BW 10.0-10.2 PPG 29 VIS 9-10 PH

3400-3600 AIR FOAM

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.

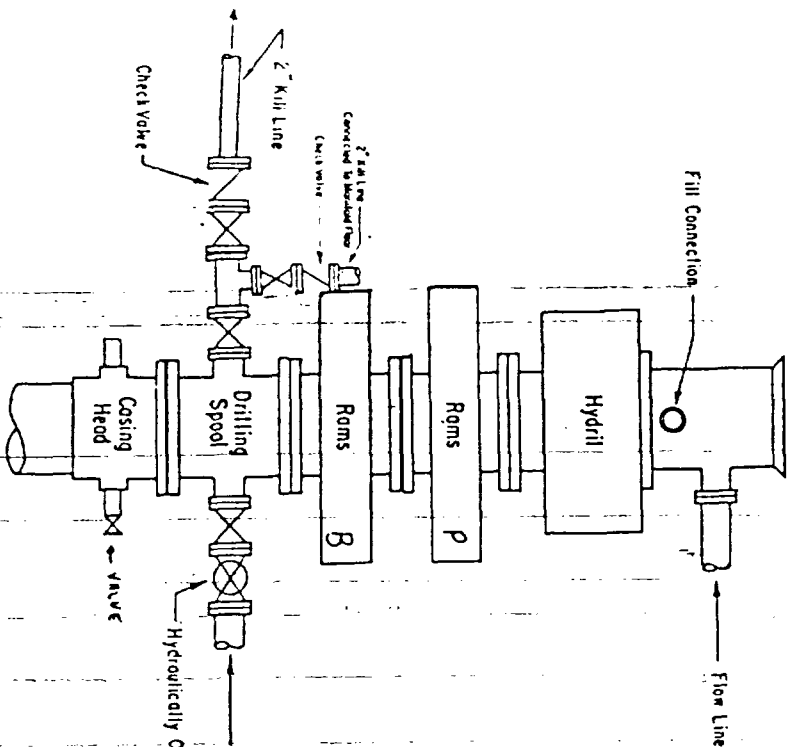
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

(This space for State Use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



#### Blowout Preventer when Required

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 rams to fit the preventers are to be available as needed. The ram preventers may be two tingers 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.

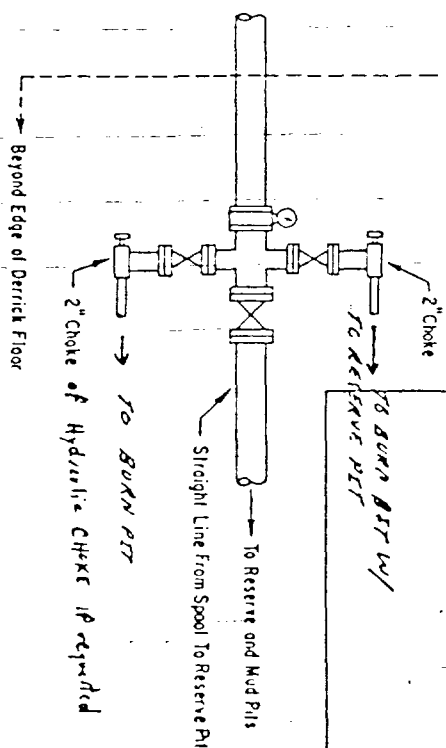
Minimum operating equipment for the preventers and hydraulically operated valves shall be as follows: (1) multiple pumps, driven by a continuous source of power, capable of fluid charging the total accumulator volume from the nitrogen precharge pressure to its rated pressure within 2 minutes. Also, the pumps are to be connected to the hydraulic operating system which is to be a closed system. (2) an accumulator 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 shall be sufficient to close all the pressure-operated devices simultaneously within 19 seconds after closure. The remaining accumulator pressure shall be no less than 1000 PSI with the remaining fluid volume of at least 50 percent of the original. When required, either 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 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, an equivalent or better, is to be used on 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. Taper and sole 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 extensions, universal joints, if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves shall be equipped with handles.

#### ADDITIONS - DELETIONS - CHANGES SPECIFY

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



OFFSET OPERATORS

Amoco  
P. O. Box 68  
Hobbs, New Mexico 88240  
Attn: Mr. James Allen

Arco Oil and Gas Company  
Box 2819  
Dallas, Texas 75221

Cities Service Company  
P. O. Box 1919  
Midland, Texas 79702  
Attn: Mr. Gene Motter

Conoco, Inc.  
Five Greenway Plaza E.  
Houston, Texas 77001

Exxon Company, U. S. A.  
P. O. Box 2180  
Houston, Texas 77001  
Attn: Mr. Jack Lytle

Texaco, Inc.  
P. O. Box 3109  
Midland, Texas 79702  
Attn: Mr. Gary Kearn

