

Casa No.

1455

Application, Transcript,  
Small Exhibits, Etc.

1453

CASE 14531 Gulf Oil Corp. application for  
authorizing deal completion of its  
Henry Haffington Well #5, Los Angeles

**OIL CONSERVATION COMMISSION**  
P. O. BOX 871  
SANTA FE, NEW MEXICO

June 23, 1958

C  
O  
P  
Y

Mr. William Kastler  
Gulf Oil Corporation  
P.O. Box 669  
Roswell, New Mexico

Dear Mr. Kastler:

We enclose two copies of each of the following orders:

Order R-1196, Case 1454  
Order R-1197, Case 1455  
Order R-1199, Case 1456

These orders were issued by the Oil Conservation Commission  
on June 18, 1958.

Very truly yours,

A. L. Porter, Jr.  
Secretary - Director

bp  
Encls.

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1455  
Order No. R-1197

APPLICATION OF GULF OIL CORPORATION  
FOR AN OIL-OIL DUAL COMPLETION IN AN  
UNDESIGNATED ELINERRY OIL POOL AND IN  
THE JUSTIS-ELLENBURGER POOL IN LEA  
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 28, 1958, at Santa Fe, New Mexico, before Elvis A. Uts, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 18<sup>th</sup> day of June, 1958, the Commission, a quorum being present, having considered the application, the evidence adduced and the recommendations of the Examiner, Elvis A. Uts, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Gulf Oil Corporation, is the owner and operator of the Learoy McBuffington Well No. 5, located 1650 feet from the South line and 1920 feet from the East line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to dually complete the above-described Learoy McBuffington Well No. 5 in such a manner as to permit the production of oil from an undesignated Elinerry oil pool and the production of oil from the Justis-Elleburger Pool through parallel strings of 2 3/8-inch tubing.

(4) That the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

(5) That approval of the subject application will not cause waste nor impair correlative rights.

(6) That the subject application should be approved.

IT IS THEREFORE ORDERED:

1. That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Learcy McBuffington Well No. 5, located 1650 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinbry oil pool and the production of oil from the Justin-Ellenburger Pool through parallel strings of 2 3/8-inch tubing.

PROVIDED HOWEVER, That subject well shall be completed and thereafter produced in such a manner that there will be no commingling within the well-bore, either within or outside the casing, of gas, oil and gas, or oil produced from either or both of the separate strata,

PROVIDED HOWEVER, That prior to the actual dual completion the operator shall make pressure tests of the casing to prove that no casing leaks exist. In the event a casing leak is apparent the operator shall take appropriate steps to adequately repair the leak. The results of these tests shall be reported to the Commission on Form C-103.

PROVIDED FURTHER, That upon the actual dual completion of such subject well applicant shall submit to the appropriate District Office of the Commission copies of Oil Conservation Commission Form C-103, Form C-104, and Form C-110, outlining the information required on those forms by existing Rules and Regulations, and two copies of the electric log of the well.

PROVIDED FURTHER, That said subject well for dual completion and production shall be equipped in such a way that reservoir pressures may be determined separately for each of the two specified strata, and further, be equipped with all necessary connections required to permit recording meters to be installed and used at any time as may be required by the Commission or its representatives, in order that natural gas, oil, or oil and gas from each separate stratum may be accurately measured and the gas-oil or gas-liquid ratio thereof determined, and

PROVIDED FURTHER, That the operator shall make any and all tests, including segregation and packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Justin-Ellenburger Pool, commencing in the year 1959, and whenever the packer is disturbed, but not excluding any other tests and/or determinations as deemed necessary by the Commission; the original and all subsequent tests shall be witnessed by representatives of offset operators if any there be at their election, and the results of each test, properly attested to by the applicant herein and all witnesses, shall be filed with the Commission within fifteen (15) days after the completion of such tests, and further, that applicant shall file with the Commission in duplicate a packer-setting affidavit, which affidavit shall be due within fifteen (15) days of the dual completion or whenever the packer is disturbed, and

-3-  
Case No. 1455  
Order No. R-1197

PROVIDED FURTHER, That upon the actual dual completion of such subject well, applicant shall submit to the Commission a diagrammatic sketch of the mechanical installation which was actually used to complete and produce the seal between the strata, and a special report of production, gas-oil ratio or gas-liquid ratio, and reservoir pressure determination for each producing zone or stratum immediately following completion.

IT IS FURTHER ORDERED, That jurisdiction of this cause is hereby retained by the Commission for such further order or orders as may seem necessary or convenient for the prevention of waste and/or protection of correlative rights; upon failure of applicant to comply with any requirement of this order after proper notice and hearing the Commission may terminate the authority hereby granted and require applicant or its successors and assigns to limit its activities to regular single-zone production in the interests of conservation.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*E. L. Nechem*  
EDWIN L. NECHEM, Chairman

*M. E. Morgan*  
MURRAY E. MORGAN, Member

*A. L. Porter, Jr.*  
A. L. PORTER, Jr., Member & Secretary

ir/

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 6-5-58

CASE 1955

Hearing Date 5-28-58

My recommendations for an order in the above numbered cases are as follows:

1. approve as requested using usual oil-oil.
2. stur, dual order.
2. Upper completion is indesignated - Blinbury.  
Lower " " " " - Justen - Ellenburger.

*Justen*

\_\_\_\_\_  
Staff Member



PETROLEUM AND ITS PRODUCTS

# GULF OIL CORPORATION

P. O. DRAWER 1290 · FORT WORTH 1, TEXAS

E. HOSFORD  
DIVISION PRODUCTION COORDINATOR

May 1, 1958

FORT WORTH  
PRODUCTION DIVISION

Oil Conservation Commission  
State of New Mexico  
P. O. Box 871  
Santa Fe, New Mexico

*Dr. Justin Ellenburger  
Pool - Blinbry Wildcat.*

Re: Application for Authorization to Dually Complete Wells Nos.  
4, 5 and 6 on Gulf's Learcy McBuffington Lease, Justis  
Area, Section 13, T-25-S, R-37-E, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully submits application for permission to oil-oil dually complete the above-referenced wells on the Learcy McBuffington Lease and requests that the Commission set this matter for hearing at an early date.

The following facts are offered in support of this application:

- (1) Gulf Oil Corporation is the owner and operator of all producing rights below 3800 feet in the Learcy McBuffington Lease, which consists of the S/2 of Section 13, T-25-S, R-37-E, Lea County, New Mexico.
- (2) Applicant plans to oil-oil dually complete Well No. 4 on subject lease in such a manner that the Ellenburger and Blinebry Reservoirs may be produced through parallel strings of tubing, as shown on Diagrammatic Sketch No. 4 attached hereto. This well, located 660 feet from the south line and 1980 feet from the west line of said Section 13, was drilled to 8264 feet. The 7-inch casing was set and cemented at 8230 feet with top of cement outside the pipe indicated at 3610 feet. Applicant proposes to perforate the Ellenburger Zone from 8220 to 8230 feet and the Blinebry Zone from the approximate interval 5134 to 5547 feet.
- (3) Applicant proposes to oil-oil dually complete L. McBuffington No. 5 in such a manner that the Ellenburger and Blinebry Reservoirs may be produced through parallel strings of tubing, as shown on the Diagrammatic Sketch No. 5 attached hereto. This well, located 1650 feet from the south line and 1980 feet from the east line of said Section 13, was drilled to a total depth of 8300 feet. The 7-inch casing was set and cemented with 1000 sacks at 8260 feet, with top of cement outside the 7-inch indicated at 2575 feet. Gulf plans

*No 5 well*

*Handwritten 'A' and '5' with a bracket pointing to item (3)*



May 1, 1958

to perforate the 7-inch casing opposite the Blinebry Zone from the approximate interval 5130 to 5650 feet. The Ellenburger horizon will produce from open hole interval 8260 to 8300 feet.

- (4) Applicant proposes to oil-oil dually complete Well No. 6 on subject lease in such manner that the Blinebry and McKee Reservoirs may be produced through parallel strings of tubing as shown on Diagrammatic Sketch No. 6 attached hereto. This well is located 330 feet from the south line and 1980 feet from the east line of said Section 13, and was drilled to a total depth of 7600 feet and plugged back to 7525 feet. The 7-inch casing was set and cemented with 900 sacks at 7600 feet with top of cement outside the 7-inch indicated at 3220 feet. The Blinebry interval was perforated with FI Gun at intervals from 5158 to 5598 feet. The 7-inch casing was perforated in the McKee Zone with four 1/2-inch jet holes per foot at intervals from 7356 to 7484 feet.

The two producing intervals in each of these three wells will be separated by means of Baker Production Packers capable of withstanding any differential in pressures expected to be encountered between the producing formations. If approved, Gulf will run 2-3/8" O.D. EUE tubing from each producing horizon.

The manner and method of the proposed dual completions are mechanically feasible and practical and the granting of this application is in the interest of conservation and the protection of correlative rights. Applicant will comply with all rules and regulations of the New Mexico Oil Conservation Commission to maintain separation of production from the two pays in each well.

By copy of this letter of application, all offset operators are notified of the proposed dual completions.

Respectfully submitted,

GULF OIL CORPORATION

By E. H. Hoshorn  
Division Production Coordinator

cc: Oil Conservation Commission  
State of New Mexico  
P. O. Box 2045  
Hobbs, New Mexico

Oil Conservation Commission

- 3 -

May 1, 1958

cc: Anderson-Prichard Oil Corporation  
P. O. Box 196  
Midland, Texas

Atlantic Refining Company  
P. O. Box 871  
Midland, Texas

W. K. Byrom  
1000 Dal Paso  
Hobbs, New Mexico

R. Olsen Oil Company  
Drawer 2  
Jal, New Mexico

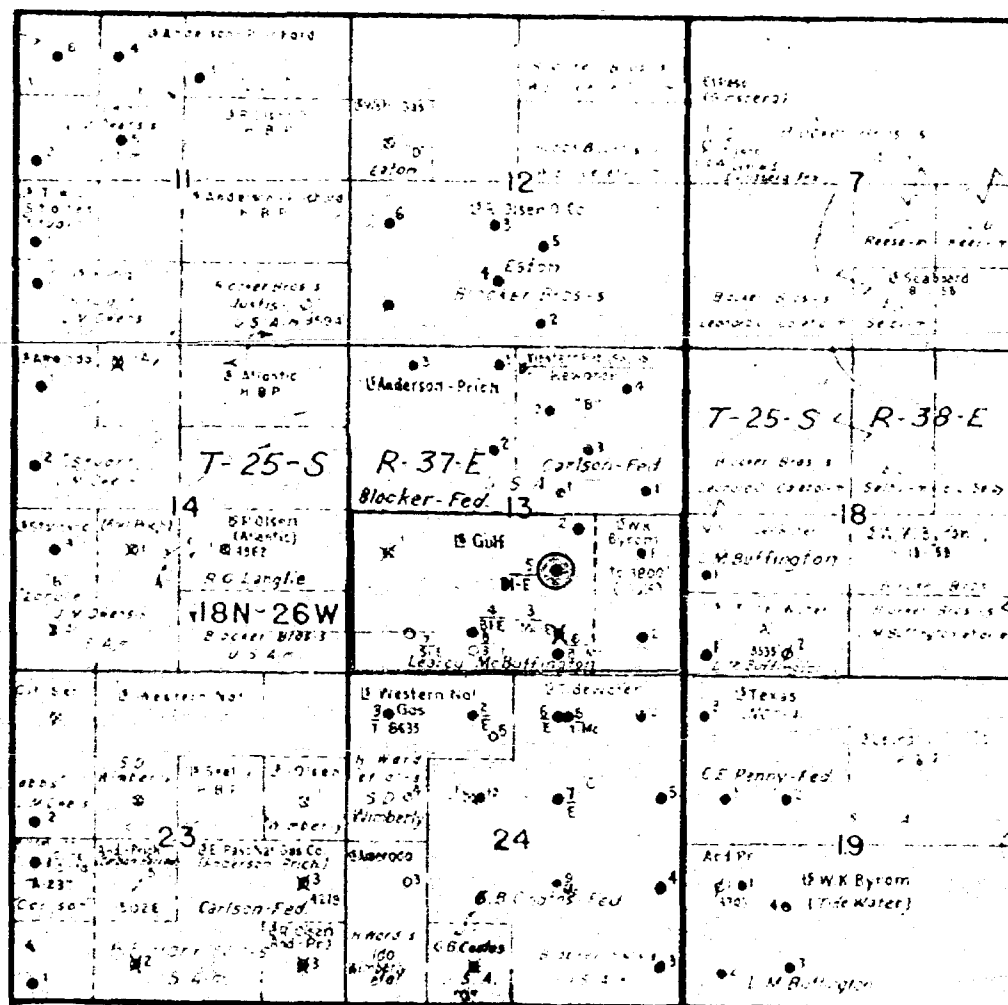
The Texas Company  
P. O. Box 1270  
Midland, Texas

Tidewater Oil Company  
Att'n: J. B. Holloway  
P. O. Box 1404  
Houston, Texas

Western Natural Gas Company  
Midland Tower Building  
Midland, Texas

Western Petroleum Company  
291 Sutter Street  
San Francisco, California

Texas-New Mexico Pipe Line Company  
P. O. Box 1510  
Midland, Texas



GULF'S LEARCY McBUFFINGTON LEASE  
LEA COUNTY, NEW MEXICO

Legend

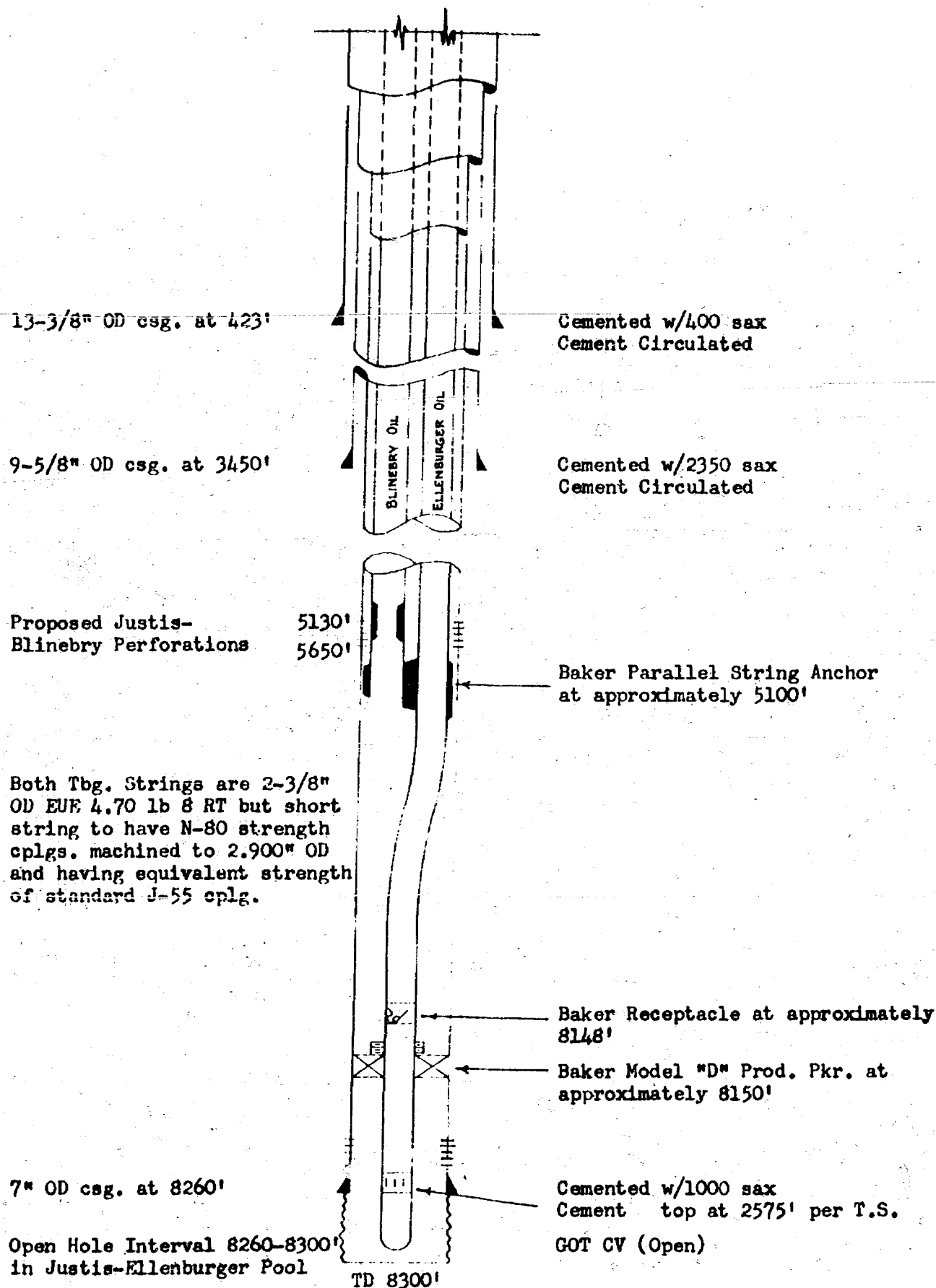
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B1-E Proposed Blinebry-Ellenburger (C)  
Oil-Oil Dual

GULF OIL CORPORATION

SCALE 1" = 3000'

ILLEGIBLE

NO. 5



PROPOSED MECHANICAL INSTALLATION  
OIL-OIL DUAL COMPLETION

NOTE:

DRAWING NOT TO SCALE

Larcy McBuffington No. 5  
Justis-Blinebry & Ellenburger Pools  
Lea County, New Mexico

GULF OIL CORPORATION

FT. WORTH PROD. DIV.

DOCKET: EXAMINER HEARING MAY 28, 1958

Oil Conservation Commission 9 a.m. Mabry Hall, State Capitol, Santa Fe

The following cases will be heard before Elvis A. Utz, Examiner:

- CASE 1225: Application of Moab Drilling Company and Utex Exploration Company for an order amending Order No. R-975. Applicant, in the above-styled cause, seeks an order amending Order No. R-975 to permit the conversion to a water injection well of the Utex Exploration Company Donohue-Federal No. 3 Well, located in the SE/4 SW/4 of Section 15, Township 16 South, Range 29 East, Eddy County, New Mexico.
- CASE 1446: Application of The Texas Company for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its Cotton Draw Unit embracing 35,144 acres, more or less, of Federal, State of New Mexico, and patented lands, located in Township 24 South, Ranges 31 and 32 East; Township 25 South, Ranges 31 and 32 East, in Eddy and Lea Counties, New Mexico.
- CASE 1447: Application of The Texas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Eumont Gas Pool comprising the E/2 of Section 11, Township 20 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's C. H. Weir "B" Well No. 3, located 330 feet from the North line and 660 feet from the East line of said Section 11.
- CASE 1448: Application of Ambassador Oil Corporation for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its North Caprock Queen Unit No. 2 embracing 1808 acres, more or less, of State of New Mexico lands located in Township 13 South, Ranges 31 and 32 East, in Chaves and Lea Counties, New Mexico.
- CASE 1449: Application of Graridge Corporation for an exception to Rule 309 of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an order permitting the consolidation of tank batteries to receive the production from more than sixteen wells in the North Caprock Queen Unit No. 1 in Chaves and Lea Counties, New Mexico, which was established by Order No. R-1145. The applicant further seeks permission to install automatic custody transfer equipment on the above-referenced Unit.
- CASE 1450: Application of Neville G. Penrose, Inc. for approval of a unit agreement. Applicant, in the above-styled cause, seeks an order approving its November State Unit comprising 913 acres, more or less, of State of New Mexico and patented lands, located in Township 10 South, Range 37 and 38 East, and Township 11 South, Range 38 East, Lea County, New Mexico.

CASE 1451: Application of Amerada Petroleum Corporation for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 280-acre non-standard gas proration unit in the Justis Gas Pool consisting of the W/2 SW/4 Section 24, NW/4 and SW/4 NE/4 of Section 25, all in Township 25 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's proposed well to be drilled in the NE/4 NW/4 of said Section 25.

CASE 1452: Application of Amerada Petroleum Corporation for the dual completion of a producing oil well to permit the disposal of salt water therein. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its H. C. Posey "A" No. 4 Well, located in the NW/4 NE/4 of Section 14, Township 12 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of oil through the tubing from the Pennsylvanian formation, adjacent to the East Caprock-Pennsylvanian Pool, and to permit the disposal of salt water through the casing tubing annulus into the Devonian formation between 11,205 feet and 11,370 feet.

CASE 1453: Application of Magnolia Petroleum Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Stephens Estate No. 1 Well, located in the NW/4 SW/4 of Section 24, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Terry-Blinebry Pool and Wantz-Abo Pool.

CASE 1454: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington No. 4 Well, located 660 feet from the South line and 1980 feet from the West line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinebry oil pool and oil from the Justis-Ellenburger Pool through parallel strings of tubing.

CASE 1455: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 5, located 1650 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinebry oil pool and oil from the Justis-Ellenburger pool through parallel strings of tubing.

CASE 1456: Application of Gulf Oil Corporation for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Learcy McBuffington Well No. 6, located 330 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Blinbry oil pool and oil from the McKee formation, adjacent to the Justis-McKee Pool, through parallel strings of tubing.

CASE 1457: Application of Sinclair Oil & Gas Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its State Lea Well No. 1, located 660 feet from the South and West lines of Section 24, Township 16 South, Range 33 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and from the Pennsylvanian formation adjacent to the Kennitz-Pennsylvanian Pool through parallel strings of tubing.

CASE 1458: Application of Albert Gackle for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 320-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the S/2 of Section 23, Township 23 South, Range 36 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Sinclair State No. 1 Well, located 1650 feet from the South line and 990 feet from the East line of said Section 23.

CASE 1459: Application of Continental Oil Company for a dual completion and non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Farney A-17 Well No 3, located in Section 17, Township 23 South, Range 36 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Lower Yates formation of the Jalmat Gas Pool and gas from the Upper Yates formation of the Jalmat Gas Pool through the tubing and casing-tubing annulus respectively. The applicant further seeks the establishment of a 160-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the NW/4 of said Section 17, to be dedicated to the said Farney A-17 Well No. 3.

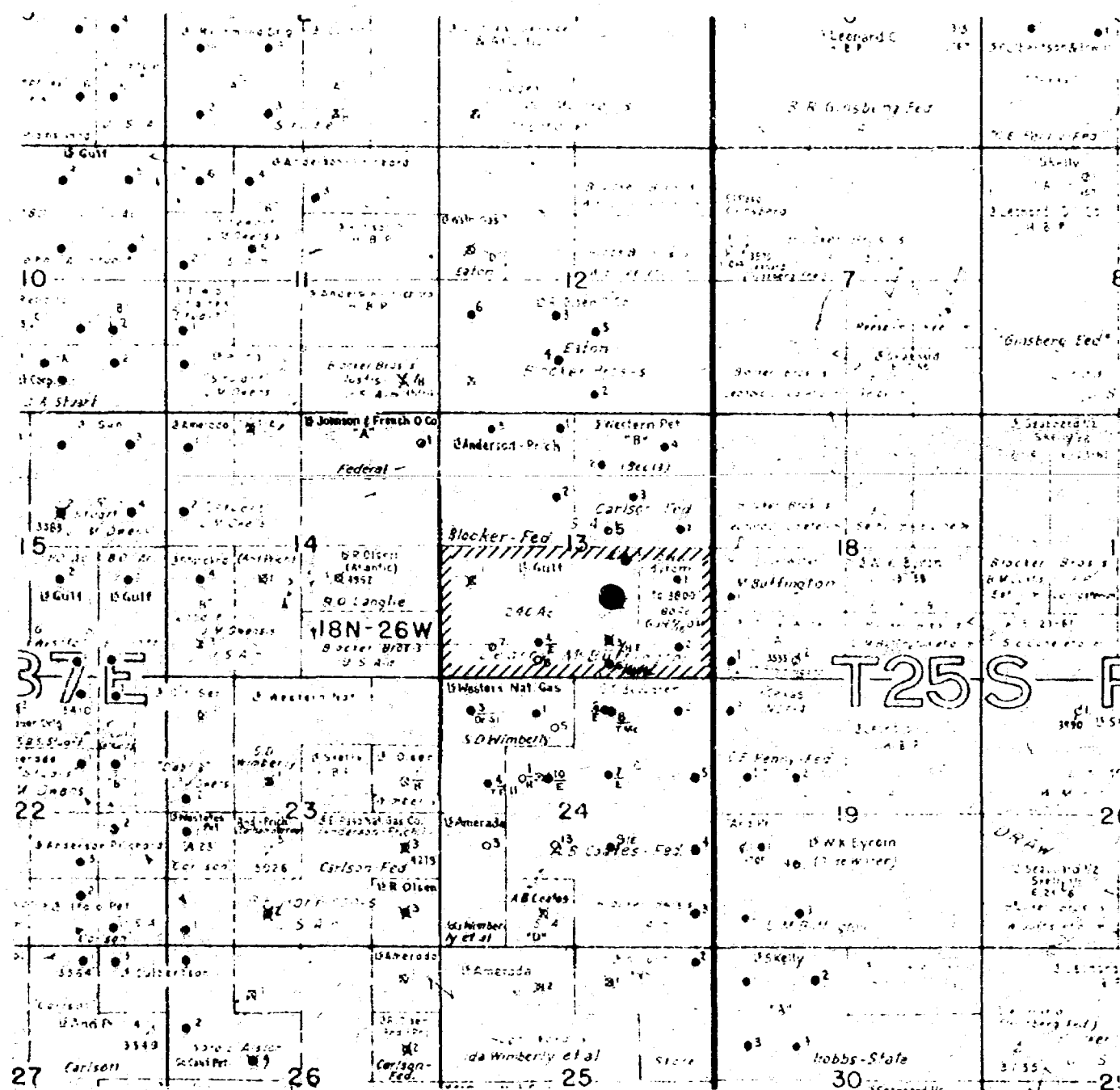
CASE 1460: Application of Phillips Petroleum Company for an oil-oil dual completion and for permission to commingle production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its New Mex "A" Well No. 1 located 1933 feet from the South line and 2313 feet from the West line of Section 25, Township 16 South, Range 33 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Kennitz-Wolfcamp Pool and oil from an undesignated Pennsylvanian pool through parallel strings of tubing. The applicant also proposes to produce the Wolfcamp and Pennsylvanian production from said well into common storage.

CASE 1461: Application of A. A. Greer, et al., for an exception to the acreage factors established by Order No. R-565-C for certain wells in San Juan County, New Mexico. Applicant, in the above-styled cause, seek an order granting an exception to the acreage factors provided in the Special Rules and Regulations for the Aztec-Pictured Cliffs Gas Pool and Fulcher Kutz-Pictured Cliffs Gas Pool, as set forth in Order No. R-565-C, for one well in the Aztec-Pictured Cliffs Gas Pool and eight wells in the Fulcher Kutz-Pictured Cliffs Gas Pool which were drilled on 40-acre spacing prior to the establishment of 160-acre spacing in the aforementioned pools.

CASE 1462: Application of El Paso Natural Gas Company for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks an order establishing a 335-acre, more or less, non-standard gas proration unit in the Blanco Mesaverde Gas Pool consisting of the SW/4 of Section 7 and the W/2 of Section 18, all in Township 30 North, Range 8 West, San Juan County, New Mexico, said unit to be dedicated to the applicant's Howell No. 4-C Well, located 933 feet from the South line and 931 feet from the West line of said Section 18.

CASE 1463: Application of Pan American Petroleum Corporation for an oil-gas dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its O. H. Randel "A" No. 1 Well, located 1650 feet from the South line and 990 feet from the West line of Section 9, Township 26 North, Range 11 West, San Juan County, New Mexico, in such a manner as to permit the production of oil from an undesignated Gallup oil pool and gas from an undesignated Dakota gas pool through parallel strings of tubing.





LEASE PLAT  
LEARCY MCBUFFINGTON  
JUSTIS-BLINEBRY & ELLENBURGER POOLS  
LEA COUNTY, NEW MEXICO

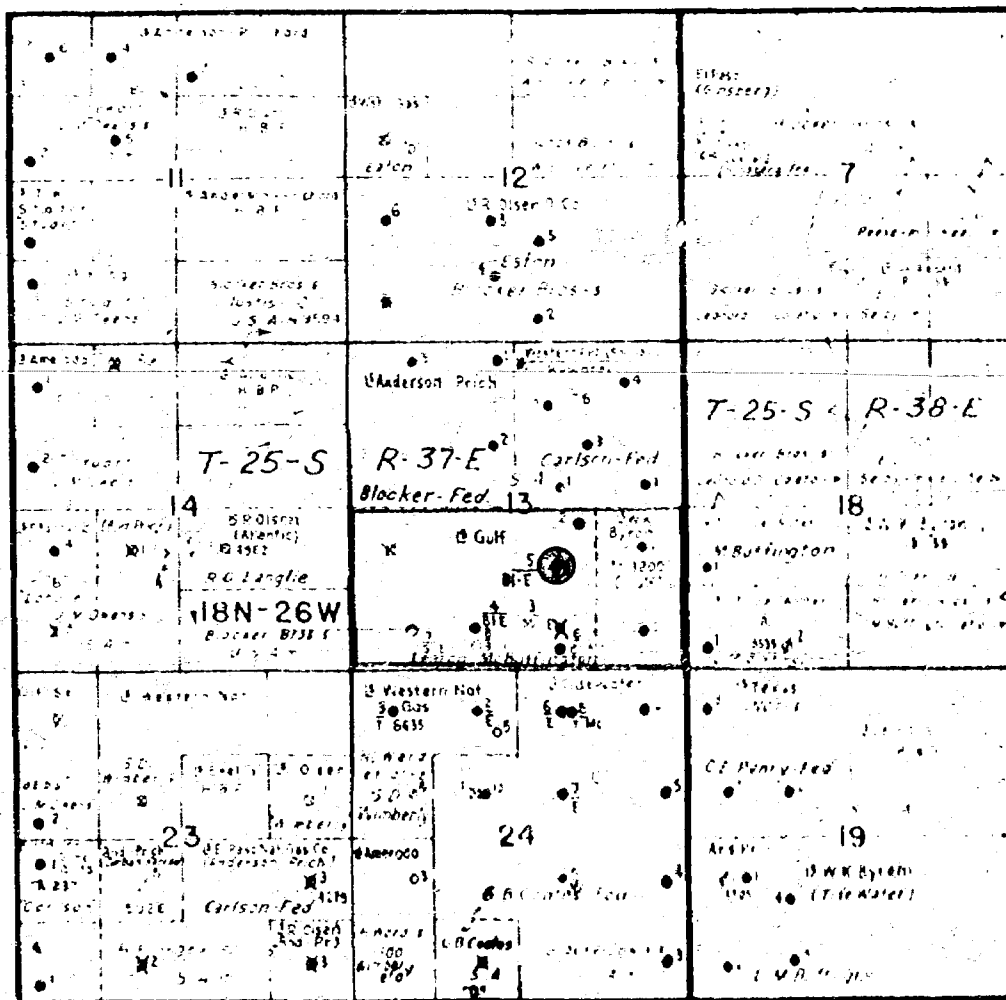
-LEGEND-

- ☐ Pertinent Gulf Lease  
☐ Pertinent Gulf Well  
☐ Oil Corporation

Case No. 1455  
Exhibit No. 1

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
Gulf EXHIBIT NO. 1  
CASE NO. 1455

**ILLEGIBLE**



GULF'S LEARCY McBUFFINGTON LEASE  
LEA COUNTY, NEW MEXICO

Legend

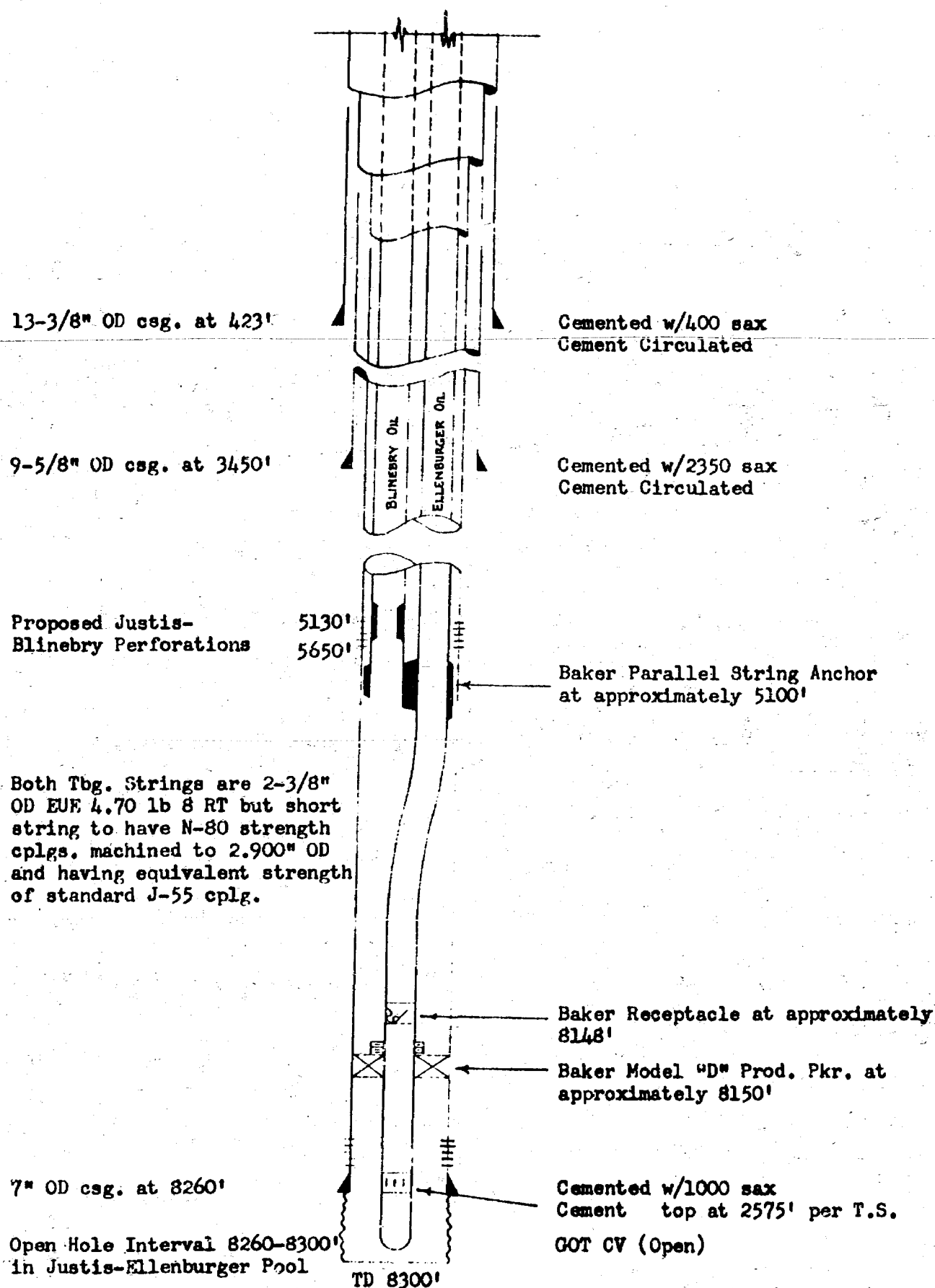
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Bl-E Proposed Blinbry-Kilenburger ②  
Oil-Oil Dual

GULF OIL CORPORATION

SCALE 1" = 3000'

**ILLEGIBLE**

NO. 5



NOTE:  
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PROPOSED MECHANICAL INSTALLATION  
OIL-OIL DUAL COMPLETION  
Larcy McBuffington No. 5  
Justis-Blinebry & Ellenburger Pools  
Lea County, New Mexico

GULF OIL CORPORATION

FT. WORTH PROD. DIV.