

CASE 4631: Application of GULF  
OIL CORPORATION FOR A DUAL  
COMPLETION, LEA COUNTY, N. MEX.

Case Number  
4631

Application

Transcripts

Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

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BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
December 1, 1971

EXAMINER HEARING

-----  
IN THE MATTER OF:

Application of Gulf Oil  
Corporation for a dual  
completion, Lea County,  
New Mexico.

Case No. 4631

-----  
BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

## NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARINGSANTA FE, NEW MEXICOREGISTERHEARING DATE DECEMBER 1, 1971 TIME: 9 A.M.

| NAME:            | REPRESENTING:       | LOCATION:          |
|------------------|---------------------|--------------------|
| R. S. Morris     | Montgomery et al    | Santa Fe           |
| John Seery       | Mobil Oil Corp      | Midland            |
| E. R. Manning    | El Paso Natural Gas | El Paso, Tex.      |
| Bill Kastle      | Gulf                | Midland, Tex       |
| E. D. Kallgren   | Gulf                | Hobbs, N.M.        |
| Nina S. Duddeman | R. W. Byrnes        | SF                 |
| W. W. Trainor    | Self                | Austin Texas       |
| Marion Gross     | C. W. Trainor       | Lawrenceville, Ga. |

I N D E XPAGECHARLES F. KALTEYER

|                                   |    |
|-----------------------------------|----|
| Direct Examination by Mr. Kastler | 3  |
| Cross Examination by Mr. Nutter   | 11 |
| Cross Examination by Mr. Hatch    | 12 |

E X H I B I T S

|  | Offered and     |
|--|-----------------|
|  | Marked Admitted |

|                                    |   |    |
|------------------------------------|---|----|
| Applicant's Exhibits Nos. 1, 2 & 3 | 3 | 10 |
|------------------------------------|---|----|

MR. NUTTER: Case No. 4631.

MR. HATCH: Case No. 4631, Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico.

MR. KASTLER: If the Examiner please, we have one witness this morning whose name is Mr. Chuck Kalteyer, and he is to be sworn.

For the record, I am Bill Kastler, Attorney for Gulf from Midland, Texas.

(Witness sworn.)

(Whereupon, Applicant's Exhibits Nos. 1, 2 and 3 were marked for identification.)

CHARLES F. KALTEYER

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KASTLER:

Q Mr. Kalteyer, will you please state the name of your employer, where you are employed and what your position is?

A I am employed by Gulf Oil Company, U.S., and I am classified as Area Engineer in Hobbs, New Mexico, located in Hobbs.

Q Have you previously been sworn in as an expert petroleum engineer witness before the New Mexico Oil Conservation Commission?

A No, I have not, I am sorry to state.

Q Would you briefly review your educational background and your professional qualifications?

A I received my Bachelor of Science Degree from the University of Texas in 1945. I have been employed by Gulf Oil since 1946 in the Production Department. I have worked in field production operations and in reservoirs -- Reservoir Department -- from 1949 to 1961 and in production proration matters in Texas from 1961 to 1971 when I was transferred to Hobbs, New Mexico as Area Engineer.

MR. KASTLER: Are the witness' qualifications acceptable?

MR. NUTTER: Yes, they are.

BY MR. KASTLER:

Q In your experience in Hobbs, are you familiar with the area involved in Case No. 4631 and particularly Gulf's Learcy McBuffington lease?

A Yes, sir.

Q Would you please state what Gulf is seeking in

this Application?

A Gulf is seeking approval for a dual completion in a conventional manner of the Learcy McBuffington Well No. 7 in the Justis-Tubb-Drinkard Oil Pool and the Justice-Glorieta Gas Pool, Lea County, New Mexico.

Q Would you please refer to Exhibit No. 1 and state what is shown thereon?

A Exhibit No. 1 is a plat showing the Learcy McBuffington outlined in red and described as the south half of Section 13, Township 25 South, Range 37 East. Well No. 7 is circled and colored in red and is located in Unit "N" and is 650 feet from the south line, 990 feet from the west line of Section 13. A standard gas proration unit in the Justis-Glorieta pool is 320 acres. The Learcy McBuffington lease contains 320 acres. The acreage is assumed to be productive in the Glorieta formation and will be dedicated to Well No. 7 as the gas prorationing. The plat shows W. K. Byrum has the mineral rights down to 3800 feet underlying 80 acres in Units "I" and "P" of Section 13. The Glorieta formation lies below this depth.

Q So, therefore, Gulf has full acreage ownership in the 320 acres as to both these productive zones you



are seeking to dual complete?

A That is correct.

Q Would you refer to Exhibit No. 2 and testify as to what is shown thereon?

A Exhibit No. 2 is the Log of the Learcy McBuffington No. 7 showing the top and bottom of the Justis-Tubb-Drinkard and Justis-Glorieta formation in addition to the perforations that are marked on the Log. The Justis-Glorieta perforations are proposed perforations from 4714 to 1647, 38 to 40, 4784 to 86 and 4829 to 31. The work has not been performed as yet. The top of the Glorieta is identified as 4610. The top of the Blinbrey as 4990. The top of the Tubb as 5632. The top of the Drinkard as 5899 and the base of the Drinkard as 6110. The existing perforations in the Tubb-Drinkard are from 5835 to 37 and 5860 to 62 and 5891 to 93 and 5926 to 50.

Q As to that zone, this well has been complete for some time?

A Yes, sir.

Q Go ahead. Are you through with Exhibit 2?

A That is correct.

Q Now, please refer to Exhibit No. 3 and identify

it and state what is shown thereon?

A Exhibit No. 3 is a diagrammatic sketch of the mechanical installation of the Learcy McBuffington No. 7 and the proposed dual completion. We have 13 and 3/8 inch casings set at 416 feet -- cemented with 425 sacks circulated. We have 9 and 5/8 of 32.3 pound and pound and 36 pound set at 3456; the first stage cemented with 780 sacks and the second stage a D.V. tool at 1593 and cemented with 1328 sacks of cement circulated. We have 7-inch 23 pound casings set at 8518 feet with the first stage cemented with 185 sacks; the top of the cement at 7150 and the second stage cement -- cemented the 7-inch casing with 73 sacks; the third stage cement at 6435, cemented with 500 sacks of cement. The top of cement indicated by temperature survey at 3650. The Justis-Tubb-Drinkard completion as previously indicated is from Section 5835 to 5950 through perforations. Gulf proposes to set a Baker Model D Packer at 5800 and complete the Tubb-Drinkard to 2 and 3/8 tubing and to set 2 and 1/16 inch high drill C.S. tubing at approximately 4700 feet in a Baker Parallel String Anchor to produce the Justis-Glorieta gas zone which is proposed to be in the overall interval from 4714 to 4831.

Q Is this proposed method of dual completion of a well more or less standard?

A Yes, sir, utilizing equipment previously approved for dual. The Tubb-Drinkard zone will be a pumper as it presently is pumping.

Q Would you please testify as to what bottom-hole pressure data you have?

A We have no measured bottom-hole pressure from either of the pools in this well, however, a bottom-hole pressure of 500 p.s.i.a. was calculated for the Justis-Tubb-Drinkard pool using static fluid level after 13-hour closed-in time. After completion it was acidized in a recent work-over in June of '71, the well was swabbed for clean-up. After swabbing we recovered the spin-acid work-over fluid, and the well was closed in and the static fluid level was then determined. The Justis-Glorieta completion, of course, has not been made as yet, but utilizing the average 72-hour shut-in pressure on the four nearest wells surrounding the Gulf lease, a pressure of 590 p.s.i.a. and utilizing gas gradient of .015, the bottom-hole pressure 670 p.s.i.a. was calculated for the Justis-Glorieta gas. The maximum differential cross separation packer should be (transcribing break)

on the order of only 299 pounds.

Q Do you have any production test information?

A The Justis-Tubb-Drinkard completion was made in this well bore in September of 1958. Cumulative production for the well has been 94,366 barrels of oil. During our recent work-over, the old perforations from 5926 to 50 were treated with 3000 gallons of acid and perforations were added in the interval of 5835 to 37 and 5860 to 62 and 5891 to 93 and were acid treated. On June 23rd of 1971, this completion was re-potentialized for 28 barrels of oil and no water on pump. Gas volume of 87 MCF and gas-oil ratio of 3107, corrected gravity of 40.2 degrees. The only other wells on the McBuffington lease producing from the Justis-Tubb-Drinkard pool are Wells 3 and 10. No. 3 is presently producing 46 barrels of oil and 43 barrels of water on pump after a recent work-over and No. 10 is comingled down the hole at the Blinbrey and is presently producing 24 barrels of oil and 3 barrels of water on pump. As previously stated, the Justis-Glorieta gas completion has not been made. We do not know what the production rate will be.

Q Do you have any drilling and completion cost figures comparing the dual completion as compared to a

new single well?

A The estimated drilling and completion cost for a single zone in the Justis-Glorieta is \$75,000. The cost to complete Well No. 7 in the Glorieta and dual with the present Tubb-Drinkard completion is estimated to be \$17,000. A savings of approximately \$58,000. can be realized by dually completing Well No. 7.

Q Do you have anything further to add in this case?

A No, sir.

Q Is this Application in the interest, in your opinion of conservation and also the prevention of waste and production of correlative rights?

A Yes, sir.

Q Were Exhibits 1, 2, and 3 either prepared by you or at your direction or under your supervision?

A Yes, sir.

MR. KASTLER: This completes our questions on direct testimony and at this time I would like to move that Exhibits 1, 2 and 3 be entered into evidence.

MR. NUTTER: Gulf Exhibits 1, 2 and 3 will be admitted in evidence.

(Whereupon, Applicant's Exhibits Nos. 1, 2 and 3 were offered and admitted in evidence.)

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Kalteyer, I presume that this is an old hole, is this correct, or an old well?

A Correct.

Q And formerly it was completed in the Tubb-Drinkard and the Fusleman as a dual completion?

A Yes, sir.

Q And now you have plugged the Fusleman off and proposed to dual it in the Justis-Tubb-Drinkard?

A That's correct.

Q Where are the Justis gas wells that would be those four wells that you mentioned you obtained the bottom-hole pressure from?

A It would be Getty's A.B. Cote C-No. 1.

MR. KASTLER: Are you referring to Exhibit No. 1 now? Can you locate it on Exhibit No. 1?

THE WITNESS: All right, let's see. That would be located south in Section 24.

BY MR. NUTTER:

Q Is that the one in the southeast of the northwest?

A That's correct.

MR. KASTLER: Unit "F".

THE WITNESS: The Odessa Natural Gasoline  
Company, Carlson Federal 1-F.

BY:MR. NUTTER:

Q In 13?

A In 13, yes, sir.

Q Okay.

A The Langley Federal No. 1-I in 14.

Q Okay, that is Unit I in 14, okay.

A And the Texas Pacific Oil Company operated  
Wimberly 1-H and 23.

Q And you propose to dedicate the entire south  
half of Section 13 to your well in Fusleman?

A In the Glorieta, yes, sir.

Q I am sorry, in the Justis-Glorieta?

A Yes, sir.

MR. NUTTER: Are there any further questions  
of Mr. Kalteyer?

CROSS EXAMINATION

BY MR. HATCH:

Q Is this a non-standard location as far as the  
Justis-Glorieta is concerned?

A Under 320 acre-spacing, yes.

Q Have you received approval for a non-standard

location?

A No, sir.

Q Are you going to apply for one?

A Yes, sir.

Q Was that well at a standard location for the  
Tubb-Drinkard?

A Yes, sir.

Q Then it could be granted administratively?

A Yes.

MR. KASTLER: We trust.

MR. NUTTER: You may have another Hearing next  
month.

Are there any further questions of Mr. Kalteyer?  
You may be excused.

(Witness dismissed.)

MR. NUTTER: Does anyone have anything they  
wish to offer in Case No. 4631?

We will take the case under advisement.



STATE OF NEW MEXICO )  
 ) SS.  
COUNTY OF SANTA FE )

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Richard T. Age  
COURT REPORTER

My commission expires March 25, 1975.

I do hereby certify that the foregoing is a true and correct record of the proceedings in the Disbarment hearing of Case No. 463/1  
 signed by me on 12/1/1971

*[Signature]*, Examiner  
New Mexico Oil Conservation Commission



## OIL CONSERVATION COMMISSION

**STATE OF NEW MEXICO**  
**P. O. BOX 2088 · SANTA FE**  
**87501**

**GOVERNOR  
BRUCE KING  
CHAIRMAN**

**LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER**

**STATE GEOLOGIST  
A. L. PORTER, JR.**

**SECRETARY - DIRECTOR**

**December 3, 1971**

Mr. Bill Kastler  
Gulf Oil Corporation  
Post Office Drawer 1150  
Midland, Texas 79701

Re: Case No. 4631  
Order No. R-4228  
Applicant:  
**Gulf Oil Corporation**

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.  
A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC           X            
Artesia OCC                             
Aztec OCC                             
Other

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE NO. 4631  
Order No. R-4228

APPLICATION OF GULF OIL  
CORPORATION FOR A DUAL  
COMPLETION, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 1, 1971, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of December, 1971, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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 seeks authority to complete its Learcy McBuffington Well No. 7, located in Unit A of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Justis-Tubb-Drinkard Oil Pool and gas from the Justis-Glorieta Gas Pool through parallel strings of tubing, with separation of zones by a packer set at approximately 5,800 feet.

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

-2-

CASE NO. 4631  
Order No. R-4228

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Gulf Oil Corporation, is hereby authorized to complete its Learcy McBuffington Well No. 7, located in Unit M of Section 13, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from the Justis-Tubb-Drinkard Oil Pool and gas from the Justis-Glorieta Gas Pool through parallel strings of tubing, with separation of zones by a packer set at approximately 5,800 feet.

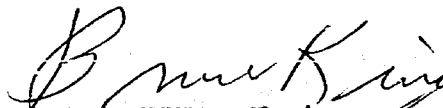
PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

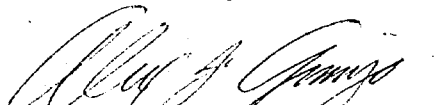
PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Justis-Tubb-Drinkard Oil Pool.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
BRUCE KING, Chairman

  
ALEX J. ARMIJO, Member

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

  
S E A L

dr/

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 1, 1971

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,  
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

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The following cases will be heard before Daniel S. Nutter, Examiner,  
or Elvis A. Utz, Alternate Examiner:

- CASE 4629: Application of El Paso Natural Gas Company for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Rocky Arroyo Well No. 1 located in Unit J of Section 8, Township 22 South, Range 22 East, in such a manner as to permit the production of gas from an undesignated Morrow gas pool through tubing and an undesignated Wolfcamp gas pool through the casing-tubing annulus.
- CASE 4630: Application of C. W. Trainer for a non-standard gas unit, Lea County, New Mexico. Applicant, in the above-styled cause, seek approval of a 316.15-acre non-standard gas spacing unit comprising Lots 1 and 2 and E/2 W/2 of Section 31, Township 24 South, Range 37 East, and Lots 2 and 3 of Section 6, Township 25 South, Range 37 East, Custer-Ellenburger Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled 660 feet from the South line and 1590 feet from the West line of said Section 31.
- CASE 4631: Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Learcy McBuffington Well No. 7 located in Unit M 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 the Justis-Tubb-Drinkard Oil Pool and gas from the Justis-Glorieta Gas Pool through parallel strings of tubing.
- CASE 4632: Application of Mobil Oil Corporation for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dedicate the W/2 of Section 14, Township 17 South, Range 34 East, to its Bridges State Well No. 133, situate at an unorthodox location for said unit in the North Vacuum-Morrow Gas Pool, Lea County, New Mexico.

(Case 4620 continued)

acreage is in the vicinity of the South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled to the Morrow formation at a location 1980 feet from the North and East lines of said Section 24. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

Exhibit No. 1  
Case No. 4631  
December 1, 1971

# DIAGRAMMATIC SKETCH OF MECHANICAL INSTALLATION OF

PROPOSED DUAL COMPLETION - LEARCY MCBUFFINGTON NO. 7  
660' FSL & 990' FWL SEC. 13, T-25-S, R-37-E  
JUSTIS TUBB-DRINKARD (OIL) & JUSTIS OLORIETA (GAS)  
LEA COUNTY, NEW MEXICO

BEFORE EXAMINER NUTTER  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 3  
CASE NO. 4631

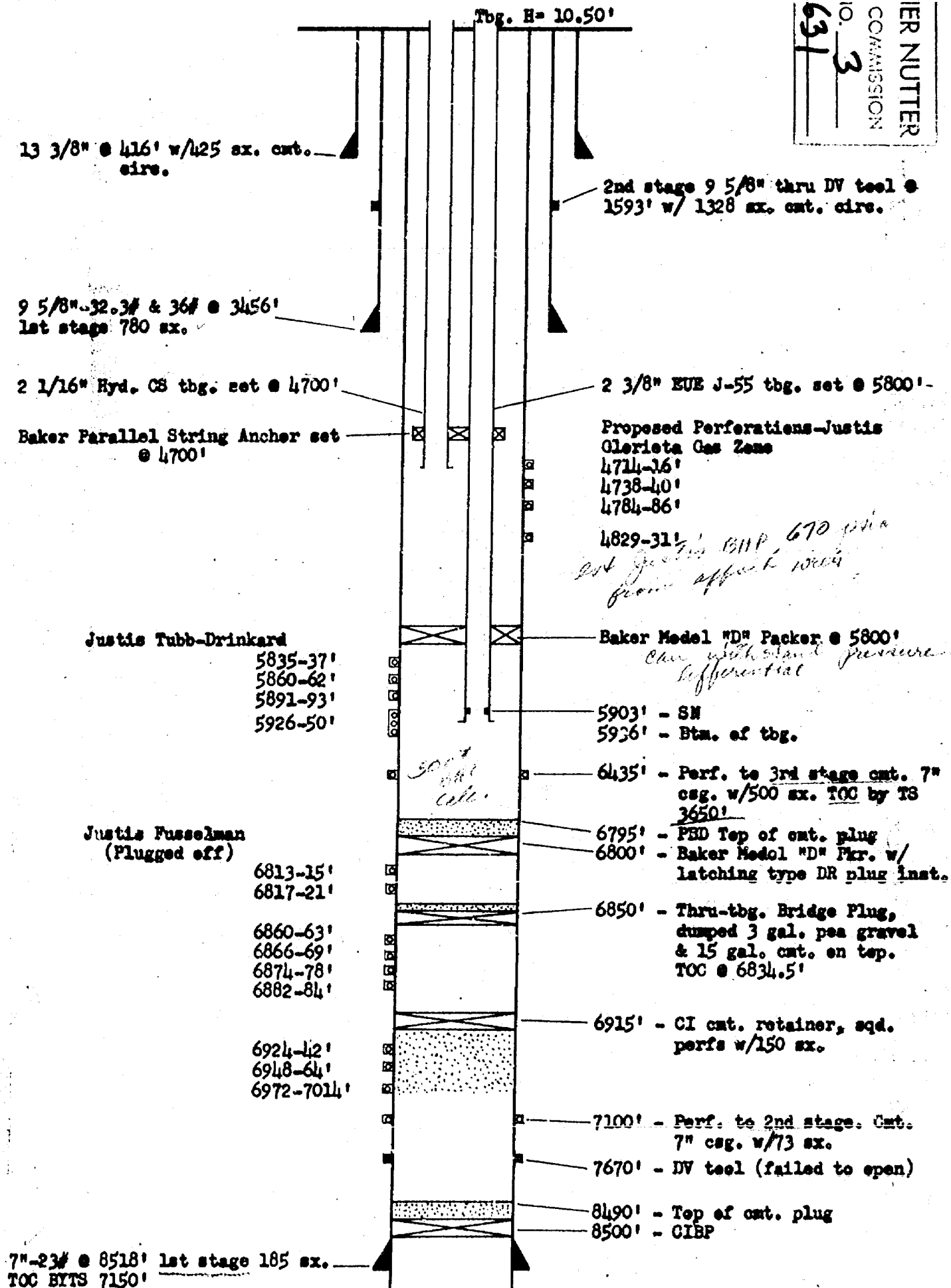


Exhibit No. 3  
Case No. 4631  
December 1, 1971



RECEIVED

Gulf Oil Company - U.S. NOV 16 1971

EXPLORATION AND PRODUCTION DEPARTMENT  
MIDLAND DISTRICT

OIL CONSERVATION COMM.  
SANTA FE

W. B. Hopkins  
DISTRICT MANAGER  
J. A. Hord  
DISTRICT EXPLORATION  
MANAGER  
J. L. Pike  
DISTRICT PRODUCTION  
MANAGER  
H. E. Braunig, Jr.  
DISTRICT PRODUCTION  
MANAGER  
M. B. Moseley  
DISTRICT SERVICES MANAGER

November 9, 1971

P. O. Drawer 1150  
Midland, Texas 79701

*Case 4631*

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

Attention: Mr. A. L. Porter, Jr.

Re: Application of Gulf Oil Corporation  
for the Dual Completion of Learcy  
McBuffington No. 7 in Justis Tubb-  
Drinkard and Justis Glorieta (Gas)  
Pools, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation respectfully requests an Examiner Hearing for approval to dual complete their Learcy McBuffington No. 7 in the Justis Tubb-Drinkard and Justis Glorieta (Gas) Pools, Lea County, New Mexico.

In support of this application, the following information is offered:

- (1) Gulf Oil Corporation's Learcy McBuffington No. 7, located in Unit M 660 feet from the south line and 990 feet from the west line of Section 13, T-25-S, R-37-E, Lea County, New Mexico, was completed on June 9, 1958 at a plugged back depth of 8490'. It was dual completed in the Justis-Fusselman and Justis Tubb-Drinkard Pools. The Justis-Fusselman completion was plugged off in June, 1971. The well was recompleted as a single in the Justis Tubb-Drinkard Pool. The attached area plat shows the well location and the proposed 320-acre gas proration unit.
- (2) The subject well has 7" casing set at 8518' and cemented with 758 sacks. Top of cement behind the 7" casing by temperature survey is at 3650'. The well is presently an oil well producing from the Justis Tubb-Drinkard Pool.
- (3) The proposed dual well mechanical installation is shown on the attached diagrammatic sketch. This method of dual completing is mechanically feasible and practical.



A DIVISION OF GULF OIL CORPORATION

DOCKET MARKED

Date 11-18-71

November 9, 1971

- (4) This application is in the interest of conservation and the protection of correlative rights.
- (5) The offset operators on the attached list are being notified by copy of this letter.

Yours very truly,

*H. E. Brauning, Jr.*  
H. E. BRAUNIG, JR.

ROB:mn  
Attachments

cc: New Mexico Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico 88240

Case 4631

OFFSET OPERATORS  
LEARCY McBUFFINGTON LEASE  
SECTION 13, T-25-S, R-37-E  
LEA COUNTY, NEW MEXICO

Anderson Prichard Oil Corporation  
P. O. Box 1859  
Midland, Texas 79701

Odessa Natural Gasoline Company  
P. O. Box 3908  
Odessa, Texas 79760

Atlantic Richfield Company  
P. O. Box 1610  
Midland, Texas 79701

R. Olsen Oil Company  
P. O. Box 691  
Jal, New Mexico 88252

Blocker Brothers  
P. O. Box 580  
Jal, New Mexico 88252

Texaco Inc.  
P. O. Box 728  
Hobbs, New Mexico 88240

W. E. Byrom  
1000 North Dal Paso  
Hobbs, New Mexico 88240

Texas Pacific Oil Company  
P. O. Box 1069  
Hobbs, New Mexico 88240

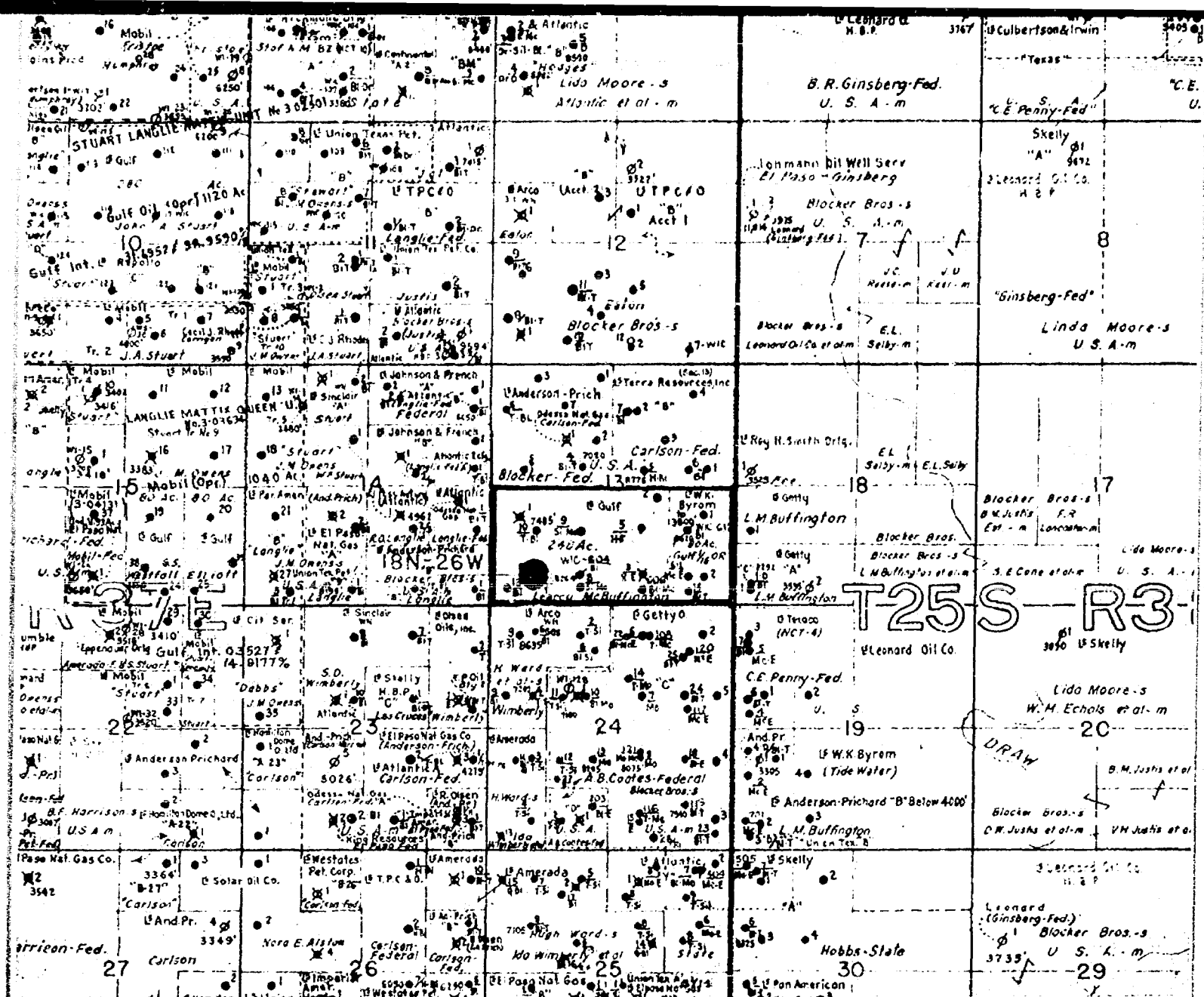
Getty Oil Company  
P. O. Box 249  
Hobbs, New Mexico 88240

Western Petroleum Corporation  
P. O. Box 1381  
Jal, New Mexico 88252

Johnson & French  
P. O. Box 1248  
Jal, New Mexico 88252

Western Natural Gas Company  
8th Floor, Midland Tower Building  
Midland, Texas 79701

Case 4621



WELL NO. 7

LEARCY MCBUFFINGTON

660' FSL & 990' FWL SEC. 13, T-25-S, R-37-E

LEA COUNTY, NEW MEXICO

DUAL COMP. IN JUSTIS TUBE-DRINKARD (OIL) & JUSTIS GLORIETA (GAS)  
POOLS

LEGEND

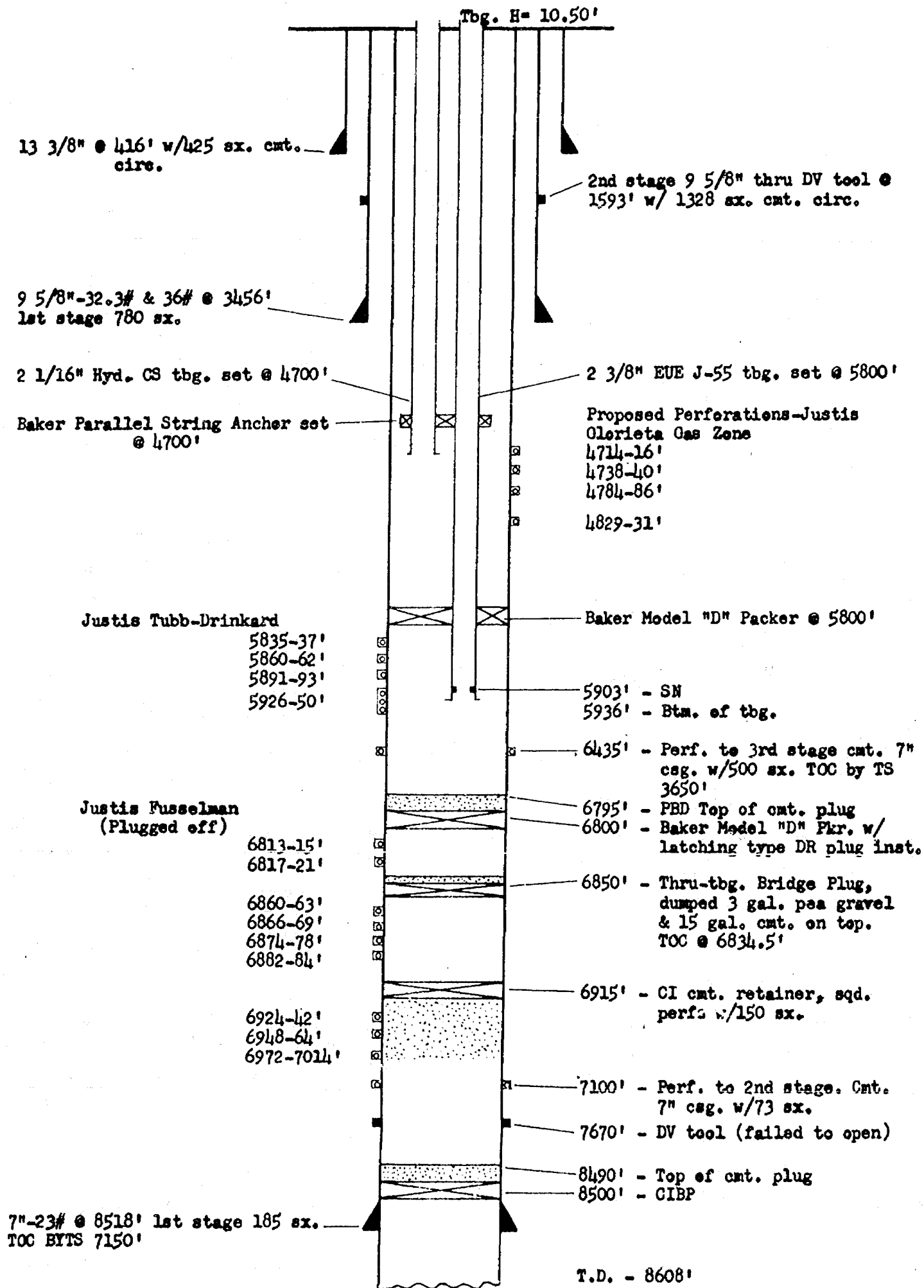
- ☐ PERTINENT LEASE
- ☒ PERTINENT WELL

Case 4631

Case 4631

DIAGRAMMATIC SKETCH OF MECHANICAL INSTALLATION OF

PROPOSED DUAL COMPLETION - LEARCY MCBUFFINGTON NO. 7  
 660' FSL & 990' FWL SEC. 13, T-25-S, R-37-E  
 JUSTIS TUBB-DRINKARD (OIL) & JUSTIS GLORIETA (GAS)  
 LEA COUNTY, NEW MEXICO



DRAFT

GMH/dr

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 4631

Order No. R-4228

APPLICATION OF GULF OIL CORPORATION  
FOR A DUAL COMPLETION, LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on  
December 1, 1961, at Santa Fe, New Mexico, before Examiner

NOW, on this        day of December, 1961, the Commission,  
a quorum being present, having considered the testimony, the record,  
and the recommendations of the Examiner, 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,  
seeks authority to complete its Learcy McBuffington  
Well No. 7, located in Unit M of Section 13, Township

25 South, Range 37 East, NMPM, Lea County, New  
~~NORTH~~ ~~WEST~~

Mexico, as a dual completion <sup>(conventional)</sup> ~~(combination)~~ to produce <sup>oil</sup> ~~gas~~  
~~(tubingless)~~

from the Justis-Tubb-Drinkard Oil Pool ~~through~~ and gas

from the Justis (Glorieta) Gas Pool through parallel strings of

tubing, with separation of zones by a packer set at  
approximately 5800 feet.

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

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, AGM Gulf Oil Corporation, is hereby authorized to complete its Learcy McBuffington Well No. 7, located in Unit M of Section 13, Township 25 ~~North~~ <sup>South</sup>, Range 37 ~~West~~ <sup>East</sup>, NMPM, Lea County, New Mexico, as a dual completion <sup>(conventional)</sup> ~~-(combination)~~ to produce ~~gas~~ <sup>oil</sup> ~~(tubingless)~~ from the Justis-Tubb-Drinkard Oil Pool ~~through~~ and gas from the Justis (Glorieta) Gas Pool through parallel strings of tubing, *with separation of zones by a packer set at approximately 5800 feet.*

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take ~~zone-segregation~~ packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Justis-Tubb-Drinkard Oil Pool. ~~Deliverability~~

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.