

CASE 2630: Application of GULF OIL  
CORP. for permission to complete  
its GRAHAM STATE (NCT-I) WELL #1.

3 - 1 - 1 - 1 - 1

2630

---

Section, Transcript,

Exhibits, Etc.

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. 2630  
Order No. R-2321

APPLICATION OF GULF OIL CORPORATION  
FOR A TRIPLE 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 September 11, 1962, at Santa Fe, New Mexico, before Elvis A. Utz, 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 3rd day of October, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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 permission to complete its Graham State (NCT-1) Well No. 1, located in Unit M of Section 19, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in the Paddock, Blinsbry and Drinkard Oil Pools with the production of oil from all three zones to be through parallel strings of 2 3/8-inch tubing.

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

(4) That approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That Gulf Oil Corporation is hereby authorized to complete its Graham State (NCT-1) Well No. 1, located in Unit M of Section 19, Township 21 South, Range 37 East, NMPM, Lea County,

-2-

CASE No. 2630  
Order No. R-2321

New Mexico, as a triple completion (conventional) in the Paddock, Blinebry and Drinkard Oil Pools with the production of oil from all three zones to be through parallel strings of 2 3/8-inch tubing.

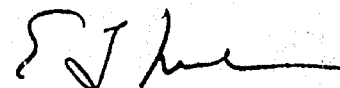
PROVIDED HOWEVER, That the applicant shall complete, operate, and produce said well in accordance with the provisions of Rule 112-A of the Commission Rules and Regulations.

PROVIDED FURTHER, That packer-leakage tests shall be taken upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Drinkard formation.

(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.

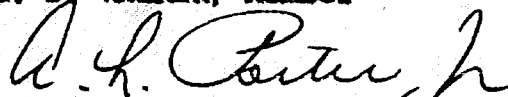
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



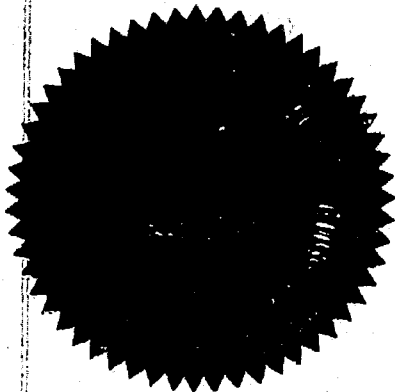
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esr/

State of New Mexico  
Oil Conservation Commission

P. O. BOX 871  
SANTA FE

OTHER Mr. M. I. Taylor - Gulf Oil Corporation

Case 2630

Heard. 9-11-62

Rec. 9-21-62

Grant Huff's request for a triple  
(conventional) for their Graham St  
(NCT-1) #1 660 / S&W lines 19-215-37 E,  
in the. Paddock, Blinby, Sinkland.  
O it ~~is~~ ~~is~~.

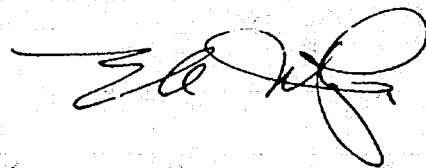
The 13 $\frac{3}{8}$  shall be cemented from  
354 to surface.

The 9 $\frac{7}{8}$  shall be cemented from  
approx 3689 to ~~approx~~ 2020.

The 7" liner shall be cemented  
from 6717 to 3633.

Three strings of tubing will be  
used. 2 $\frac{3}{8}$  Butcher.

Usual triple order otherwise.



DOCKET: EXAMINER HEARING - TUESDAY - SEPTEMBER 11, 1962

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

---

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

CASE 2612 (Continued)

Application of Texaco Inc. for a tubing exception, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to produce its C. C. Fristoe (b) NCT-2 Well No. 6, located in Unit H of Section 35, Township 25 South, Range 37 East, Lea County, New Mexico, North Justis-Devonian Pool, through a string of 1 1/2-inch OD tubing run with a packer inside of a 2 7/8-inch OD casing.

CASE 2626: Application of La Plata Gathering System, Inc., for a dual completion at an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of a Basin Dakota-Blanco Mesaverde dual completion at an unorthodox location 1680 feet from the South line and 734 feet from the East line of Section 19, Township 32 North, Range 5 West, Rio Arriba County, New Mexico.

CASE 2627: Application of La Plata Gathering System, Inc., for an unorthodox gas well location, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox Blanco Mesaverde well location 1,790 feet from the North line and 790 feet from the East line of Section 24, Township 32 North, Range 6 West, Rio Arriba County, New Mexico.

CASE 2628: Application of Marathon Oil Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox gas well location in the Atoka-Pennsylvanian Gas Pool at a point 990 feet from the North line and 990 feet from the East line of Section 30, Township 18 South, Range 26 East, Eddy County, New Mexico.

CASE 2629: Application of S. P. Yates Drilling Company for approval of a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Pecos River Deep Unit Agreement comprising 17,257.82 acres, more or less, of State, Federal and Fee lands in Township 19 South, Ranges 26 and 27 East, and Township 20 South, Range 26 East, Eddy County, New Mexico.

Docket No. 26-62  
Examiner Hearing September 11, 1962

CASE 2630: Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Graham State (NCT-I) Well No. 1, located in Unit M of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (conventional) in the Paddock, Blinebry and Drinkard Oil Pools with the production of oil from all three zones to be through parallel strings of tubing.

CASE 2631: Application of Moran Oil Producing and Drilling Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order authorizing the triple completion (conventional) of its Owen Well No. 1, located in Unit E, Section 14, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce Blinebry oil, Tubb gas, and Drinkard oil through parallel strings of tubing.

CASE 2632: Application of Humble Oil & Refining Company for an order establishing special rules and regulations for the Four Lakes-Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order establishing special rules and regulations for the Four Lakes-Pennsylvanian Pool, Lea County, New Mexico, to include provisions for 80-acre oil proration units therein.

CASE 2633: Application of General American Oil Company of Texas for expansion of a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks expansion of its waterflood project in the Loco Hills pool by the conversion to water injection of its Beeson F Well No. 10, located in Unit B of Section 31, Township 17 South, Range 30 East, Eddy County, New Mexico.

CASE 2634: Application of Ambassador Oil Corporation for approval of a unit agreement and waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a waterflood project in the Grayburg-Jackson Pool, with the initial injection of water to be through six wells located in Sections 22, 23, and 26, Township 17 South, Range 30 East, Eddy County, New Mexico, said project to be governed by Rule 701. Applicant further seeks approval of the Grayburg-Jackson Unit Agreement embracing 1600 acres, more or less, of federal and State lands in Township 17 South, Range 30 East, Eddy County, New Mexico.

PAGE -3-

Docket No. 26-62

Examiner Hearing September 11, 1962

CASE 2635: Application of L. R. French, Jr. for an order creating a new pool and establishing temporary rules or extension of the South Lane Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order creating a new pool for Pennsylvanian production; the discovery well for said pool is the Gulf-State Well No. 1, located in Unit A of Section 18, Township 11 South, Range 34 East, Lea County, New Mexico, completed in the Bough "C" zone of the Pennsylvanian formation. Applicant further seeks establishment of special rules and regulations governing said pool, including 80-acre proration units. As an alternative, applicant seeks extension of the South Lane Pennsylvanian Pool to include said Gulf-State Well No. 1.

CASE 2639: Application of General American Oil Company of Texas for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of a pilot waterflood project in the Upper San Andres formation, Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water into its Keeley "B" Well No. 13, located in Unit H, Section 26, Township 17 South, Range 29 East.

CASE 2640: Application of General American Oil Company of Texas for a waterflood project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of a pilot waterflood project in the Grayburg zone of the San Andres formation, Grayburg-Jackson Pool, Eddy County, New Mexico, by the injection of water into its Keeley "C" Well No. 25, located in Unit O, Section 25, Township 17 South, Range 29 East.

CASE 2641: Application of Continental Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of a non-standard 80-acre gas proration unit, Blinbry Gas Pool, Lea County, New Mexico, said unit to comprise the NW/4 NW/4 and SE/4 NW/4 of Section 10, Township 21 South, Range 37 East, and be dedicated to applicant's State 10 Well No. 1, located in the NW/4 NW/4 of said Section 10.

ir/

# Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. A. Shellshear  
DISTRICT MANAGER  
F. O. Mortlock  
DISTRICT EXPLORATION  
MANAGER  
M. I. Taylor  
DISTRICT PRODUCTION  
MANAGER  
H. C. Vivian  
DISTRICT SERVICES MANAGER

August 17, 1962

P. O. Drawer 1938  
Roswell, New Mexico

Oil Conservation Commission  
State of New Mexico  
Post Office Box 871  
Santa Fe, New Mexico

Re: Application of Gulf Oil Corporation for Approval of a  
Triple Completion (Conventional) in the Paddock, Blinebry  
and Drinkard Oil Pools, Lea County, New Mexico

Gentlemen:

Gulf Oil Corporation herewith submits application for approval of a triple completion (conventional) for the Graham State (NCT-I) Well No. 1, located 660 feet from south line and 660 feet from west line Section 19, Township 21 South, Range 37 East, Lea County, New Mexico. It is proposed to complete this well in the Paddock, Blinebry and Drinkard Oil Pools and to produce each zone through parallel strings of 2-3/8-inch OD tubing installed in 7-inch casing.

Attached are Application for Multiple Completion, lease plat and diagrammatic sketch of the proposed multiple completion.

It is requested that this matter be set for Examiner Hearing at an early date.

Respectfully submitted,

*W. A. Shellshear*

W. A. Shellshear

## Attachments

cc: New Mexico Oil Conservation Commission  
Post Office Box 2045  
Hobbs, New Mexico

Offset Operators  
(Listed on Application for Multiple Completion)



*Packet  
mailed  
8/21/62  
JH*

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator <b>GULF OIL CORPORATION</b>		County <b>LEA</b>		Date <b>AUGUST 17, 1962</b>	
Address <b>POST OFFICE DRAWER 1938 ROSWELL, NEW MEXICO</b>		Lease <b>GRAHAM STATE (NCT-1)</b>		Well No. <b>1</b>	
Location of Well	Unit <b>M</b>	Section <b>19</b>	Township <b>21 SOUTH</b>	Range <b>37 EAST</b>	

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. **R-2230**; Operator, Lease, and Well No.:

PAN AMERICAN PETROLEUM CORPORATION STATE "CK" WELL NO. 2

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>PADDOCK</b>	<b>BLINEBRY</b>	<b>DRINKARD</b>
b. Top and Bottom of Pay Section (Perforations)	<b>5162 - 5169'</b>	<b>5829 - 5912'</b>	<b>6635 - 6658'</b>
c. Type of production (Oil or Gas)	<b>OIL</b>	<b>OIL</b>	<b>OIL</b>
d. Method of Production (Flowing or Artificial Lift)	<b>FLOW</b>	<b>FLOW</b>	<b>FLOW</b>

4. The following are attached. (Please mark YES or NO)

- YES a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and slide door chokes, and such other information as may be pertinent.
- YES b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- NO c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- NO d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

<b>AMERADA PETROLEUM CORPORATION</b>	<b>Post Office Box 2040</b>	<b>Tulsa, Oklahoma</b>
<b>PAN AMERICAN PETROLEUM CORPORATION</b>	<b>Post Office Box 268</b>	<b>Lubbock, Texas</b>
<b>TEXACO INC.</b>	<b>Post Office Box 3109</b>	<b>Midland, Texas</b>

6. Were all operators listed in item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **August 17, 1962**

CERTIFICATE: I, the undersigned, state that I am the District Manager of the Gulf Oil Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

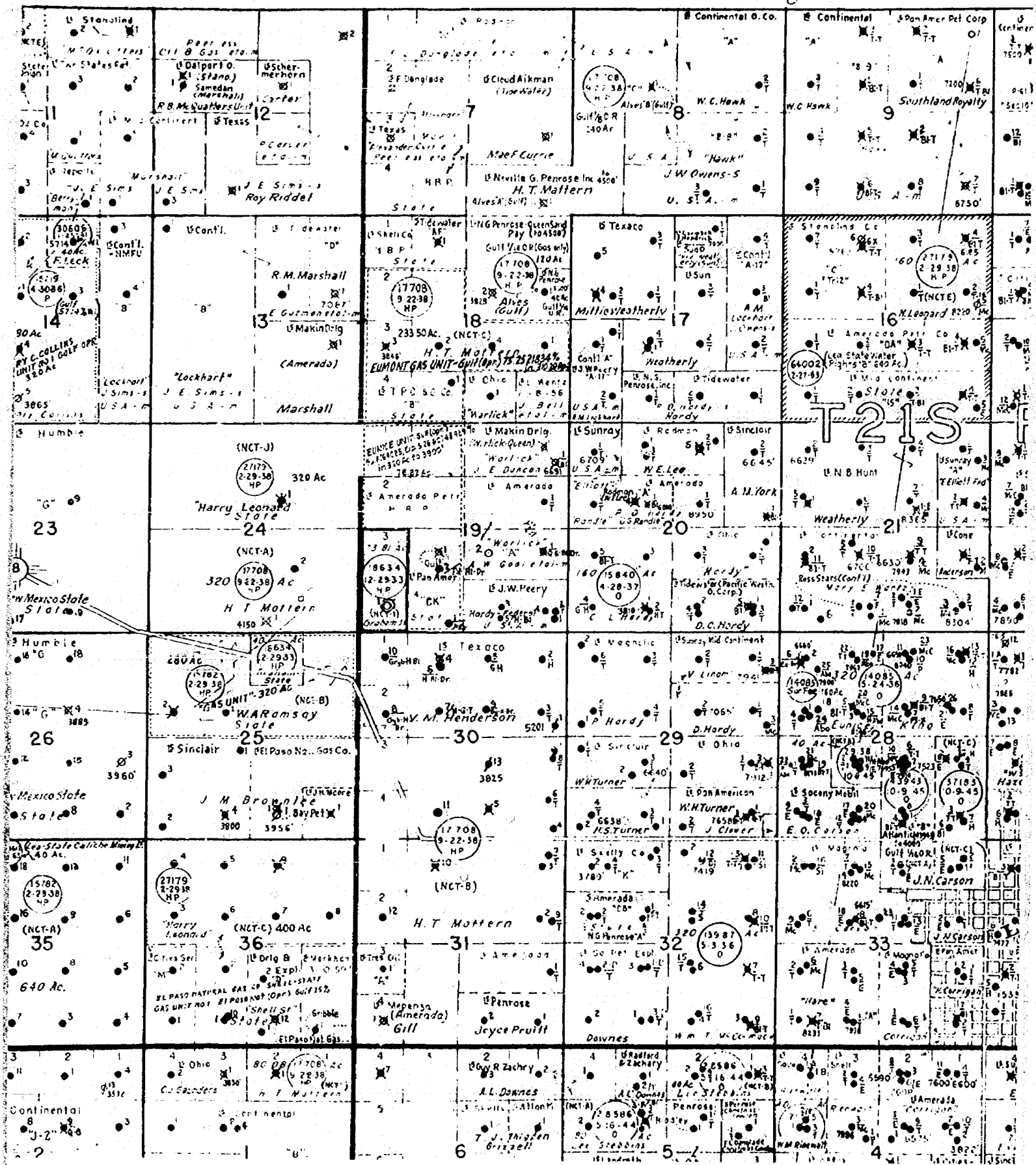
*W. A. SHELLSHEAR*  
Signature **W. A. SHELLSHEAR**

- \* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.
- NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

T-21-S R-36-E

T-21-S R-37-E

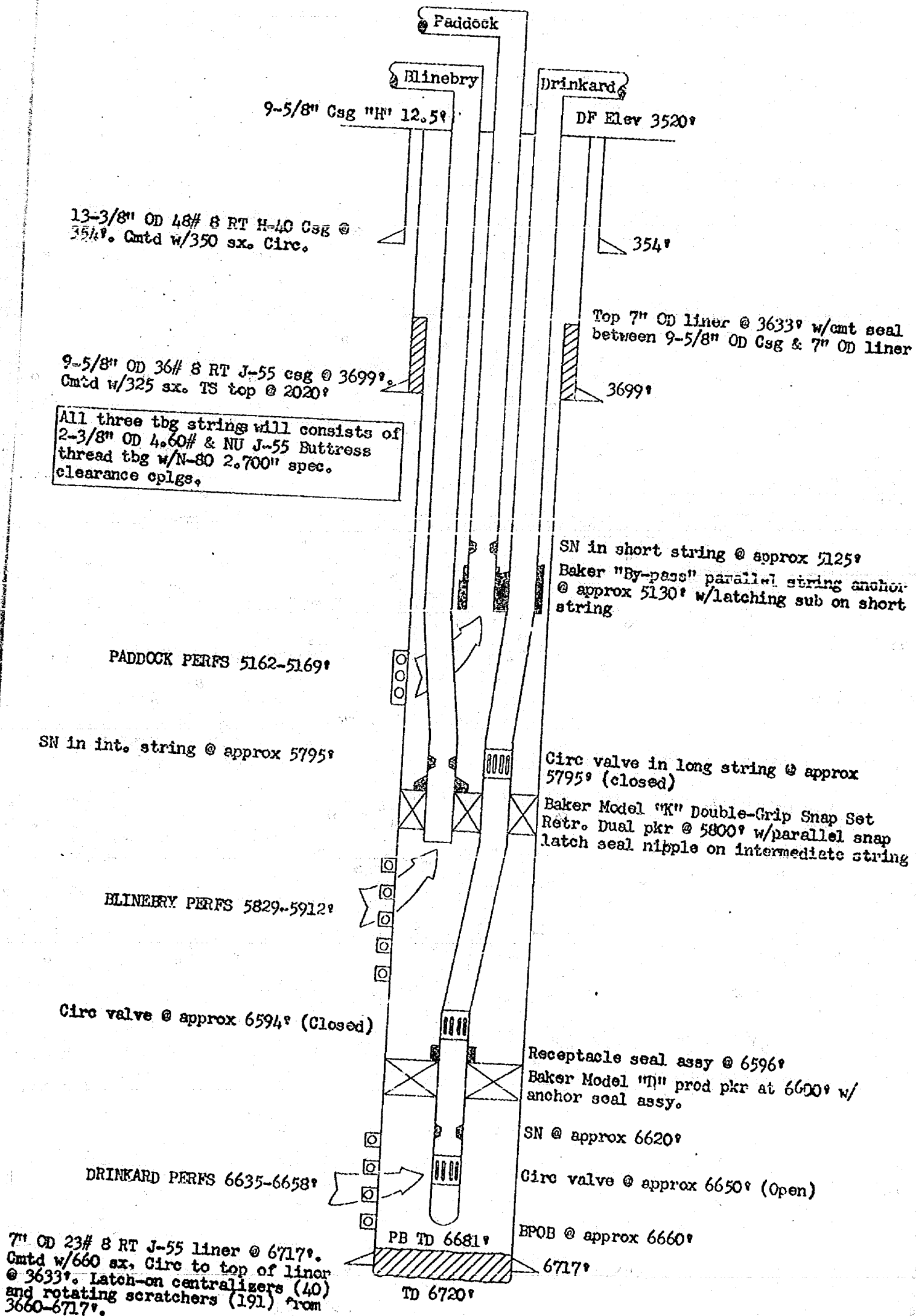
Mile 2430



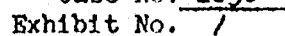
# SCHEMATIC DIAGRAM OF PROPOSED TRIPLE COMPLETION

GULF CITY CORPORATION  
GRAHAM STATE (NGT-3) NO. 1  
660' FSL & 660' FWL SECTION 19-21S-37E, LEA COUNTY, N.M.

2020  
2630

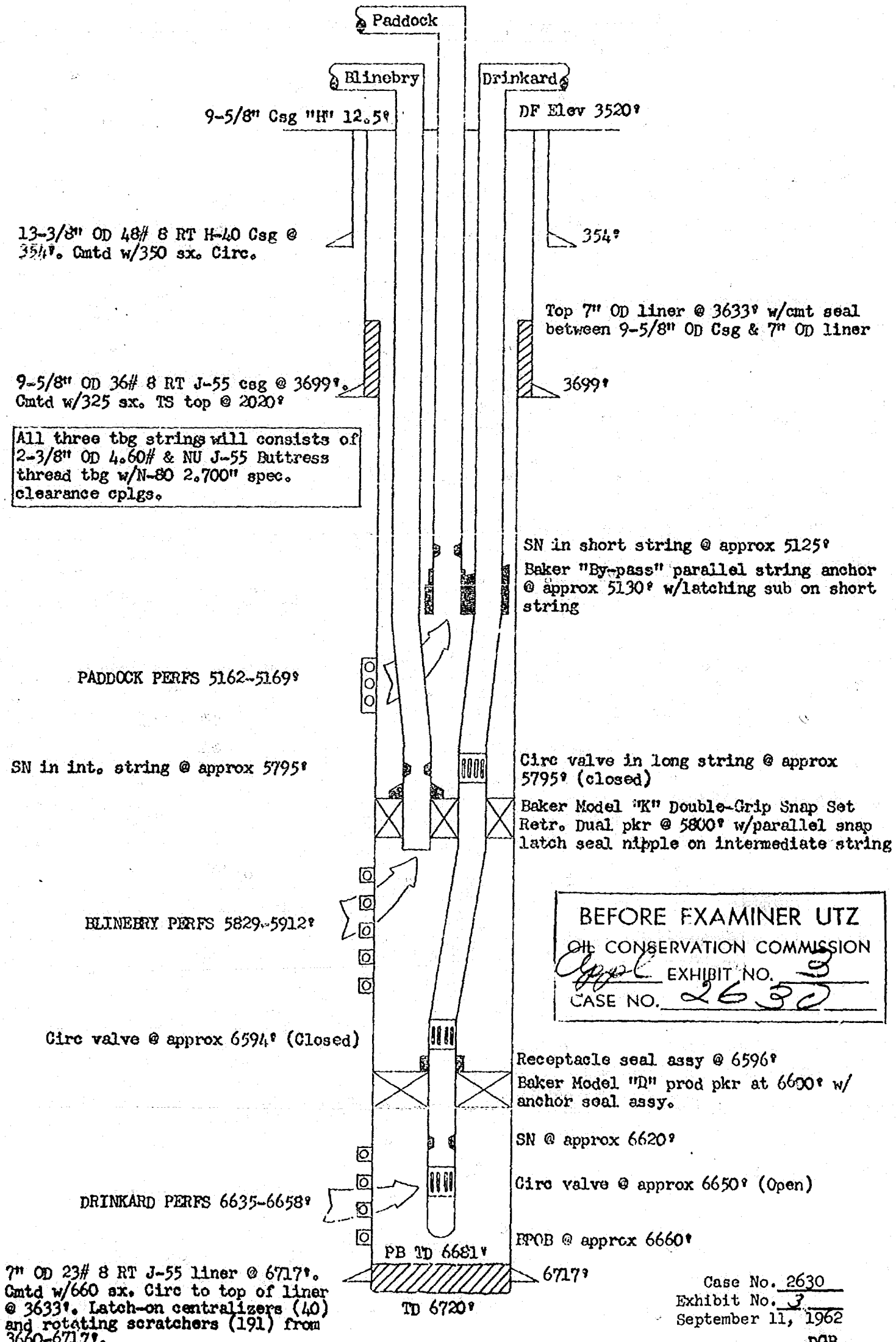


T-21-S R-37-E



SCHEMATIC DIAGRAM OF PROPOSED TRIPLE COMPLETION

GULF OIL CORPORATION  
 GRAHAM STATE (NCT-1) NO. 1  
 660° FSL & 660° FWL SECTION 19-23S-37E, LEA COUNTY, N.M.



BEFORE EXAMINER UTZ  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 3  
 CASE NO. 2630

Case No. 2630  
 Exhibit No. 3  
 September 11, 1962

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
September 11, 1962

EXAMINER HEARING

IN THE MATTER OF:

Application of Gulf Oil Corporation  
for a triple completion, Lea County,  
New Mexico. Applicant, in the above-  
styled cause, seeks permission to  
complete its Graham State (NCT-I)  
Well No. 1, located in Unit M of  
Section 19, Township 21 South, Range  
37 East, Lea County, New Mexico, as  
a triple completion (conventional) in  
the Paddock, Blinebry and Drinkard  
Oil Pools with the production of oil  
from all three zones to be through  
parallel strings of tubing.

Case 2630

BEFORE: Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

MR. UTZ: Case 2630.

MR. DURRETT: Application of Gulf Oil Corporation for  
a triple completion, Lea County, New Mexico.

MR. KASTLER: Bill Kastler from Roswell, New Mexico,  
appearing on behalf of Gulf Oil Corporation, and our witness  
this morning will be John H. Hoover.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243-5691



(Witness sworn.)

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

JOHN HOOVER

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

DIRECT EXAMINATION

BY MR. KASTLER:

Q Mr. Hoover, will you please state your name, address and occupation?

A John Hoover with Gulf Oil Corporation, Roswell, New Mexico, petroleum engineer.

Q Have you previously appeared before the New Mexico Oil Conservation Commission and testified, qualifying as an expert witness?

A Yes, sir.

MR. KASTLER: Mr. Utz, are the witness's qualifications satisfactory?

MR. UTZ: They are.

Q (By Mr. Kastler) Mr. Hoover, will you explain what Gulf Oil Corporation is seeking in its application No. 2630?

A We are requesting approval of a triple completion (conventional) for our Graham State (NCT-I) Well No. 1 in the

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6391

Paddock, Blinebry and Drinkard Oil Pools.

Q Have you prepared a location plat to show the location of the lease and the well in question?

A Yes, sir, and we have marked it Exhibit No. 1.

Q Will you please explain what is shown on Exhibit No. 1?

A This is a plat showing the location of your Graham State (NCT-I) lease and described as Lots 3 and 4 of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico. The Well No. 1 is shown on the plat, or this lease is outlined in red, the well is circled in red, it is located 660 feet from the south and west lines of this Section 19.

Q Has the well been drilled at this time?

A It has been drilled. It is in the process of being completed, drilling was started in July, on July 21, in fact, 1962.

Q Prior to that was this lease held by production?

A Yes, sir.

Q Was it allocated to a gas unit in the Southwest Quarter of Section 19, 21 South, 37 East?

A Yes, sir, it was allocated to a gas unit covering the West Half of Section 19 in the Eumont gas production.

Q Will you please explain what's shown on Exhibit No. 2?

A Exhibit 2 is a log of the well on which we have marked the top and bottom of the producing interval as well as the



## DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182SANTA FE, N. M.  
PHONE 983-3971ALBUQUERQUE, N. M.  
PHONE 243-6691

perforated intervals. The Paddock, the top of the pay is 5162 feet, the base of the pay is 5172, the Paddock perforations, these are proposed perforations, 5162 feet to 5169 feet. For the Blinebry, the top of the pay is picked at 5826 feet, the base, 5930 feet, and the Blinebry perforations, which this well has been perforated in the Blinebry, are 5829 feet to 5912. The Drinkard, top of pay is picked at 6560 feet, the base of pay, 6680 feet, and the Drinkard perforations are, as this well has been perforated in the Drinkard, 6635, 6658 feet.

Q Will you please explain what is shown on Exhibit No. 3?

A Yes, sir. Exhibit 3 is the schematic sketch of the proposed triple completion. This well was drilled to a total depth of 6720 feet, plugged back to total depth of 6681 feet, there is 13-3/8" OD casing set at 354 feet, and the cement was circulated. We have 9-5/8" casing set at 3699 feet, and by temperature survey the indicated top of the cement is 2020 feet. We have a 7" liner set at 6717 feet, with the top of the liner inside of the 9-5/8" casing at 3633 feet. This liner was cemented to the top of the liner. We will have three strings of 2-3/8" OD tubing, we will have a Baker Model D packer at 6600 feet. We will have a Baker Model K Double-Grip Snap Set retainer packer run on the long string and set at 5800 feet. We will have a parallel string anchor also on this long string at 5130 feet. The



intermediate string, or the Blinebry production string, will be latched into the Baker Model K packer; the short string, or the Paddock production, will be latched into the parallel string anchor. I believe that covers the mechanical features of the dual.

Q Is the Baker Model K packer a retrievable packer?

A Yes, sir.

Q Have any other triple completions been made in these three zones which have been approved?

A Yes, sir. Referring to Exhibit 1, Pan American State C-K Well No. 2, which is the Northeast offset to our well, was approved for a triple completion (conventional) by Order No. R-2230 on May 3, 1962.

Q Do you have any bottom hole pressure information?

A Since this well is just in the process of being completed, we do not have any bottom hole pressures on this particular well. However, I have gone to the bottom hole pressures that have been reported in the New Mexico Oil and Gas Engineering Committee Report, total offset wells, and referring to Exhibit 1, the south offset to our well is the Texaco Henderson No. 10. In the Drinkard Pool they reported a bottom hole pressure of 2606 pounds, and that test was June 2, 1962. This same well in the Paddock reported a bottom of 1807 pounds, and the date of that

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



test was May the 25th, 1962.

Amerada's Warlick A No. 1, which is located in Unit I of Section 19, which is three locations, that would be northeast of our well, reported a bottom hole pressure of 2,072 pounds, in the Blinebry. The date of this test was April 18, 1962. We will anticipate that the pressures in our well would be comparable to these. The reason for presenting these bottom hole pressures, I believe it is evidence that there would be no great differential across any of the packers.

Q Assuming the pressures were the same, what would be the approximate differentials in the two packers?

A Across the Blinebry and the Paddock packers there would be about, it would be less than 200 pounds. Across the Blinebry and the Drinkard packer there would be less than 500 pounds and probably even less than that right on top of the packer when corrected for the packer depth.

Q Does Gulf have any production test information?

A As previously stated, we have not perforated the Paddock, however, we have made some tests on the Drinkard and Blinebry, and I might add that these tests were made immediately after the load oil was recovered. In the Drinkard it flowed 882 barrels of oil, seven barrels of water through 3½" tubing, 17/64" choke in 21 hours; tubing pressure 450 pounds; gas

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6631

volume, 444 MCF per day; gravity of the fluid, 37 at 78 degrees Fahrenheit which would correct to 35.7 at 600 degrees Fahrenheit. That's calculated gas-oil ratio of 1574. The Blinbry flowed 153 barrels of oil, 27 barrels BSW through 3½" tubing, 18/64" choke in 24 hours; gas volume, 181 MCF per day; tubing pressure, 400 pounds; the gravity, 38 at 80 degrees Fahrenheit, which would correct to 36.5 at 60 degrees Fahrenheit. That gives a gas-oil ratio of 1183. We have no test on the Paddock.

Q Do you have anything further to add?

A No, sir, I believe that's all I have.

Q If granted, would this triple completion cause waste or impair correlative rights?

A No, sir.

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

A Yes, sir, they were.

MR. KASTLER: This concludes the questions I have, Mr. Examiner. I would like to offer Exhibits 1, 2 and 3 into evidence

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

CROSS EXAMINATION

BY MR. UTZ:

Q Do you have any opinion as to what the GOR on the



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

Paddock might be?

A Mr. Utz, the Pan American C-K Well No. 2, from the best information I could find on what they gave at their hearing, they reported a gas-oil ratio of 134 in the Paddock.

Q That would be oil?

A Oh, yes, sir, that would be oil, and we anticipate that all three zones will flow initially.

Q I believe it is correct that you are circulating the cement back up to the top of your 7" liner?

A Yes, sir. It was, and the top of that liner was tested after cementing with 1830 pounds for thirty minutes and held okay.

Q And the packers that you intend to use are shown on your Exhibit 3?

A Yes, sir.

Q And you will run the required zone separation tests?

A Yes, sir.

MR. UTZ: Any other questions of the witness? The witness may be excused.

(Witness excused.)


MR. UTZ: Any statements in this case? The case will be taken under advisement.



STATE OF NEW MEXICO )  
 ) ss  
 COUNTY OF BERNALILLO )

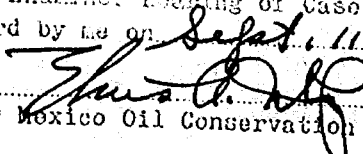
I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 1st day of October, 1962.

  
 Notary Public-Court Reporter

My commission expires:

June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2430, heard by me on Sept. 11, 1962.  
  
 \_\_\_\_\_, Examiner  
 New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
 PHONE 325-1182

SANTA FE, N. M.  
 PHONE 983-3971

ALBUQUERQUE, N. M.  
 PHONE 243-6691

