

CASE 2684: Application of GULF OIL
CORP. for authority to complete its
H.T. MATTERN (NCT-A) WELL NO. 3.

2684

tion, Transcript,
// Exhib. Etc.

GOVERNOR
EDWIN L. MECHEM
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
E. S. JOHNNY WALKER
MEMBER



STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

P. O. BOX 871
SANTA FE

November 21, 1962

Mr. Bill Kastler
Gulf Oil Corporation
Box 659
Roswell, New Mexico

Re: Case No. 2684 & 2685
Order No. R-2370 & R-2371
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

lr/

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC

Astec 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. 2684
Order No. R-2370**

**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 November 8, 1962, at Santa Fe, New Mexico, before Daniel S. Matter, 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 21st day of November, 1962, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Matter, 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 H. T. Mattern (NCT-A) Well No. 3, located in Unit F of Section 24, Township 21 South, Range 36 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinshy, and Drinkard Oil Pools through parallel strings of 2 3/8-inch tubing, separation of the zones to be achieved by means of packers set at approximately 5800 feet and 6500 feet.

(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 the applicant, Gulf Oil Corporation, is hereby authorized to complete its H. T. Mattern (NCT-A) Well No. 3, located in Unit F of Section 24, Township 21 South, Range 36 East,

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CASE No. 2684
Order No. R-2370

NDPM, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinbry, and Drinkard Oil Pools through parallel strings of 2 3/8-inch tubing, separation of the zones to be achieved by means of packers set at approximately 5800 feet and 6500 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 Gas-Oil Ratio Test Period for the 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



Edwin L. Meehan

EDWIN L. MEEHAN, Chairman

E. S. Walker

E. S. WALKER, Member

A. L. Porter, Jr.

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

est/

DOCKET: EXAMINER HEARING - THURSDAY - NOVEMBER 8, 1962

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

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

- CASE 2682: Application of Pan American Petroleum Corporation for the creation of a new pool and the establishment of special rules and regulations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new oil pool to be designated the Simpson-Gallup Oil Pool comprising the S/2 of Section 23, SW/4 of Section 24, N/2 of Section 25, and the NE/4 of Section 26, Township 28 North, Range 12 West, San Juan County, New Mexico. Applicant further seeks the establishment of special pool rules including the provisions for 80-acre proration units.
- CASE 2683: Application of Curtis R. Inman for approval of a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Carnero Peak Unit Area comprising 12,151 acres, more or less, of State, Federal and Fee lands in Townships 22 and 23 South, Ranges 24 and 25 East, Eddy County, New Mexico.
- CASE 2684: Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its H. T. Mattern (NCT-A) Well No. 3, located in Unit P of Section 24, Township 21 South, Range 36 East, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinebry, and Drinkard Oil Pools through parallel strings of tubing.
- CASE 2685: Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Graham State (NCT-I) Well No. 2 located in Unit L of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinebry, and Drinkard Oil Pools through parallel strings of tubing.
- CASE 2686: Application of Marathon Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State Hansen Well No. 5, located in Unit H of Section 16, Township 20 South, Range 37 East, Lea County, New Mexico, as a dual completion

CASE 2686 (Cont.)

(conventional), to produce oil from the Weir-Blinebry and Monument-Tubb Pools through parallel strings of 1.41 ID and 2-inch ID tubing.

CASE 2687:

Application of Shell Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Emerald Unit Well No. 1 located in Unit C of Section 23, Township 16 South, Range 32 East, Lea County, New Mexico as a dual completion (Conventional) to produce oil from the Penrose and Wolfcamp formations through parallel strings of tubing.

CASE 2688:

Application of Socony Mobil Oil Company for a quadruple Completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State Bridges Well No. 95 located in Unit P of Section 26, Township 17 South, Range 34 East, Lea County, New Mexico, as a quadruple completion (conventional) to produce oil from the Abo, Wolfcamp, Pennsylvanian and Devonian formations through parallel strings of tubing.

CASE 2689:

Application of Socony Mobil Oil Company for a dual completion and certain administrative procedures, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State Bridges Well No. 27-DD located in Unit H of Section 26, Township 17 South, Range 34 East, Lea County, New Mexico as a dual completion (conventional) to produce oil from the Vacuum (San Andres) Pool and an undesignated Yeso pool through parallel strings of 2 3/8 inch and 2 3/8 x 1 1/4 inch tapered tubing strings. Applicant further seeks the establishment of administrative procedures whereby similar dual completions could be approved in this area.

CASE 2690:

Application of Phillips Petroleum Company for a special allowable, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order authorizing the assignment of a special allowable to its Mexco "A" Well No. 2, located in Unit I of Section 2, Township 17 South, Range 32 East, Maljamar Pool, Lea County, New Mexico. Said well offsets and has received a response from Boller and Nichols Water-flood project in said Section 2.

- CASE 2691: Application of El Paso Natural Gas Company for the creation of a new gas pool and establishment of special rules and regulations, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new gas pool for the Morrow formation underlying Sections 18, 19, 20, and 29, Township 19 South, Range 32 East, Lea County, New Mexico. Applicant further seeks establishment of special pool rules including provisions for 640-acre proration units and the allocation of allowables to non-marginal wells in the proportion that each well's acreage factor bears to the total of the acreage factors for all non-marginal wells in the pool.
- CASE 2692: Application of Amerada Petroleum Corporation for an exception to a Commission shut-in order, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 15 (A) Order R-1670, Southeast New Mexico Gas Proration Rules and Regulations, to permit its Shell-Amerada State "A" Unit Well No. 1 located in Unit P, Section 33, Township 11 South, Range 33 East, Bagley-Lower Pennsylvanian Gas Pool, Lea County, New Mexico, to produce a minimum of 2000 MCF per month in exception to an overproduction shut-in notice.
- CASE 2693: Application of NWJ Producing Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location 330 feet from the South and West lines of Section 14, Township 15 South, Range 38 East, Medicine Rock-Devonian Pool, Lea County, New Mexico, in exception to Rule 3, Order R-2315, Medicine Rock-Devonian Pool Rules.
- CASE 2694: Application of Southern Union Production Company for an amendment to the Northwest New Mexico Gas Proration Rules and Regulations. Applicant, in the above-styled cause, seeks an amendment to Order R-1670 as amended by Order No. R-2086, Rules and Regulations for Prorated Gas Pools, San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico, to permit wells ordered shut-in for extended periods to make up accumulated overproduction to produce a minimum of 500 MCF each month during such shut-in.
- CASE 2695: In the matter of the hearing called on the motion of the Oil Conservation Commission to consider revising Commission Orders R-333-C & D and R-333-E as the same relate to the season for taking Northwest New Mexico gas well deliverability tests and to the procedure for taking and calculating such tests, San Juan, Rio Arriba, McKinley and Sandoval Counties, New Mexico.

CASE 2670: (Cont)

Application of Elwyn C. Hale for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the quadruple completion (combination) of his Hale State Well No. 3, located in Unit H of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce oil from the Devonian, McKee, Waddell and Ellenburger Pools, North Justis Field, through two strings of 2 7/8 inch casing and two strings of 3 1/2 inch casing all cemented in a common well bore.

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date 11/9/62

CASE 2684

Hearing Date 9am 11/8/62

DSN ② SF

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

Enter order approving the triple completion (conventional) of Gulf's H.T. Mattern (NCT-A) # 3, P-24-215-36 E Lea Co to produce oil from the Paddock, Blumby & Drinkard Pools through 11 strings of 2 $\frac{3}{8}$ " tubing. Separation is to be achieved by packers set at approx 5800' and ~~at~~ 6400.

Packer leakage tests upon completion & annually thereafter during GOR test period for the Drinkard Pool


Staff Member

DOCKET: EXAMINER HEARING - THURSDAY - NOVEMBER 8, 1962

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

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- CASE 2684: Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its H. T. Mattern (NCT-A) Well No. 3, located in Unit P of Section 24, Township 21 South, Range 36 East, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinebry, and Drinkard Oil Pools through parallel strings of tubing.
- CASE 2685: Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Graham State (NCT-I) Well No. 2 located in Unit L of Section 19, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinebry, and Drinkard Oil Pools through parallel strings of tubing.
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- Dismissed*

CASE 2686 (Cont.)

(conventional), to produce oil from the Weir-Blinebry and Monument-Tubb Pools through parallel strings of 1.41 ID and 2-inch ID tubing.

CASE 2687:

Dismiss

Application of Shell Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Emerald Unit Well No. 1 located in Unit C of Section 23, Township 16 South, Range 32 East, Lea County, New Mexico as a dual completion (Conventional) to produce oil from the Penrose and Wolfcamp formations through parallel strings of tubing.

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Application of Socony Mobil Oil Company for a quadruple Completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State Bridges Well No. 95 located in Unit P of Section 26, Township 17 South, Range 34 East, Lea County, New Mexico, as a quadruple completion (conventional) to produce oil from the Abo, Wolfcamp, Pennsylvanian and Devonian formations through parallel strings of tubing.

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Application of Socony Mobil Oil Company for a dual completion and certain administrative procedures, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its State Bridges Well No. 27-DD located in Unit H of Section 26, Township 17 South, Range 34 East, Lea County, New Mexico as a dual completion (conventional) to produce oil from the Vacuum (San Andres) Pool and an undesignated Yeso pool through parallel strings of 2 3/8 inch and 2 3/8 x 1 1/4 inch tapered tubing strings. Applicant further seeks the establishment of administrative procedures whereby similar dual completions could be approved in this area.

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Dismissed
CASE 2692: Application of Amerada Petroleum Corporation for an exception to a Commission shut-in order, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 15 (A) Order R-1670, Southeast New Mexico Gas Proration Rules and Regulations, to permit its Shell-Amerada State "A" Unit Well No. 1 located in Unit P, Section 33, Township 11 South, Range 33 East, Bagley-Lower Pennsylvanian Gas Pool, Lea County, New Mexico, to produce a minimum of 2000 MCF per month in exception to an overproduction shut-in notice.

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-4-

Docket No. 32-62

CASE 2670: (Cont)

Application of Elwyn C. Hale for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the quadruple completion (combination) of his Hale State Well No. 3, located in Unit H of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to produce oil from the Devonian, McKee, Waddell and Ellenburger Pools, North Justis Field, through two strings of 2 7/8 inch casing and two strings of 3 1/2 inch casing all cemented in a common well bore.

iqg/

Gulf Oil Corporation

ROSWELL PRODUCTION DISTRICT

W. B. Hopkins

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

17 Case 2684
P. O. Drawer 1938
Roswell, New Mexico

October 4, 1962

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 H. T. Mattern (NCT-A) Well No. 3, located 660 feet from the south line and 660 feet from the east line of Section 24, Township 21 South, Range 36 East, Lea County, New Mexico. It is proposed to complete this well in the Paddock, Blinebry and Drinkard Pools and to produce each zone through parallel strings of 2-3/8 inch O.D. 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,



M. I. Taylor

Attachments
JHH:sz

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

Texaco Inc.
Post Office Box 3109
Midland, Texas

Humble Oil & Refining Company
Post Office Box 1600
Midland, Texas



DOCKET MAILED

Date 10/26/62

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

APPLICATION FOR MULTIPLE COMPLETION

Case 2684

5-1-61

Operator Gulf Oil Corporation		County Lea	Date October 4, 1962
Address P.O. Box 1938, Roswell, New Mexico		Lease H. T. Mattern (NCT-A)	Well No. 3 13
Location of Well Unit P	Section 24	Township 21 South	Range 36 East

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
a. Name of Pool and Formation		Paddock	Blinebry
b. Top and Bottom of Pay Section (Perforations) (Approx.)		5160' - 5170'	5830' - 5910'
c. Type of production (Oil or Gas)		Oil	Oil
d. Method of Production (Flowing or Artificial Lift)		Flow	Flow
4. The following are attached. (Please mark YES or NO)			Lower Zone
Yes <input checked="" type="checkbox"/> 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 side door chokes, and such other information as may be pertinent.			Drinkard
Yes <input checked="" type="checkbox"/> 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.			6635' - 6660'
No <input type="checkbox"/> 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.*			Oil
No <input type="checkbox"/> 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.

Texaco Inc., Post Office Box 3109, Midland, Texas

Humble Oil & Refining Company, Post Office Box 1600, Midland, Texas

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 October 4, 1962

CERTIFICATE: I, the undersigned, state that I am the Dist. Production 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.

M. J. Taylor
Signature

* 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 production 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

Case 2684



PLAT

H. T. MATTERN (NCT-A) LEASE
Lea County, New Mexico

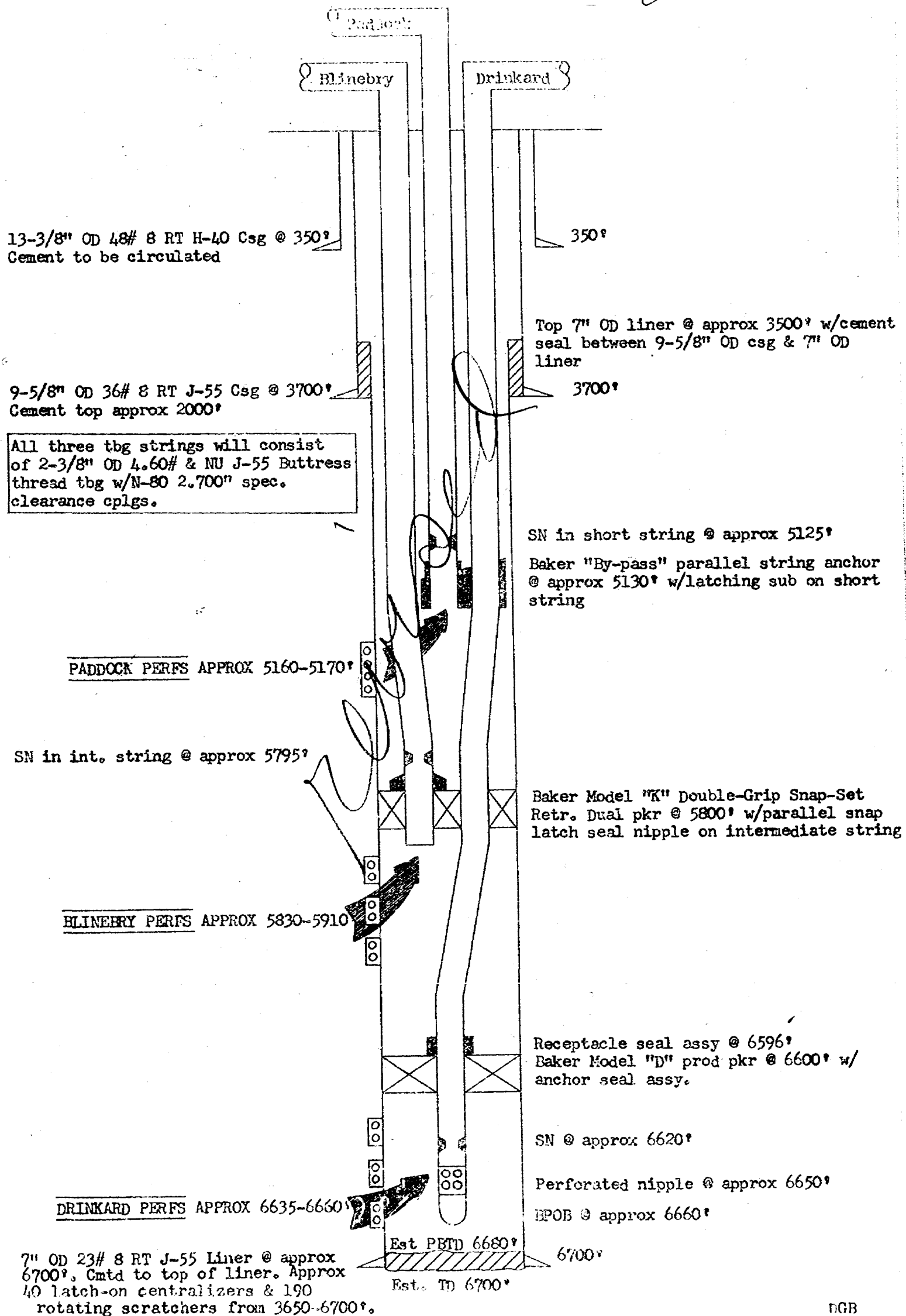
- LEGEND -

- Pertinent Lease
- Pertinent Well
- Gulf Oil Corporation

SCHEMATIC DIAGRAM OF PROPOSED TRIPLE COMPLETION

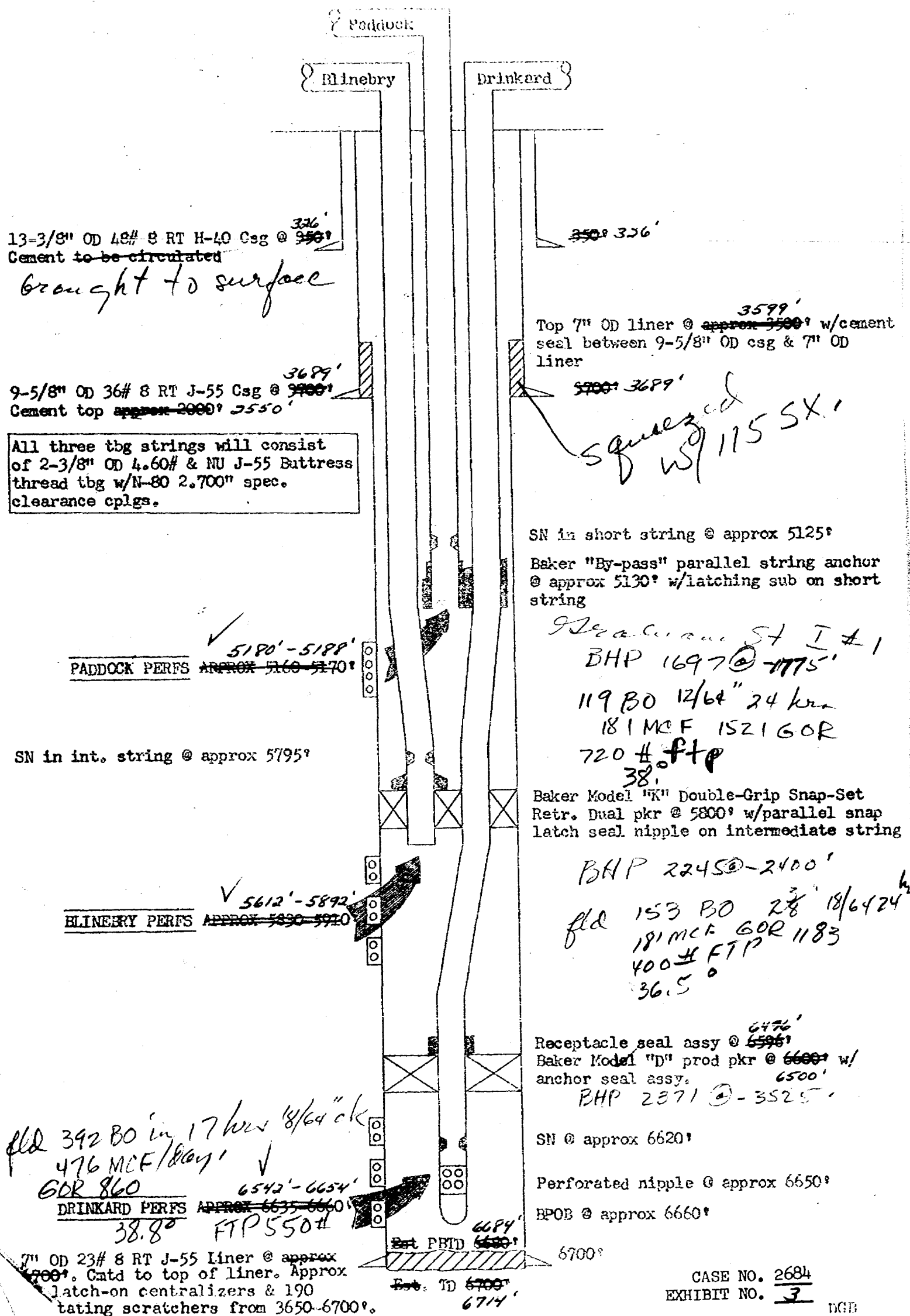
GULF OIL CORPORATION
H. T. MATTERN (NCT-A) NO. 3
660' FSL & 660' FEL SECTION 24-21S-36E, LEA COUNTY, N.M.

Case 2684



SCHEMATIC DIAGRAM OF PROPOSED TRIPLE COMPLETION

GULF OIL CORPORATION
H. T. MATERN (NCT-A) NO. 3
660° FSL & 660° FEL SECTION 24-21S-36E, LEA COUNTY, N.M.



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
November 8, 1962

IN THE MATTER OF:

Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its H. T. Mattern (NCT-A) Well No. 3, located in Unit P of Section 24, Township 21 South, Range 36 East, Lea County, New Mexico, as a triple completion (conventional) to produce oil from the Paddock, Blinebry, and Drinkard Oil Pools through parallel strings of tubing.

CASE

NO. 2684

BEFORE:

Daniel S. Nutter, Examiner.

TRANSCRIPT OF PROCEEDINGS

MR. NUTTER: The next case will be 2684.

MR. DURETTE: Case 2684. Application of Gulf Oil Corporation for a triple completion, Lea County, New Mexico.

MR. KASTLER: Bill Kastler, appearing for Gulf Oil Corporation. Our witness is Mr. John H. Hoover.

JOHN H. HOOVER, a Witness, called by the Applicant, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. KASTLER:

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 325-1182SANTA FE, N. M.
PHONE 983-3871ALBUQUERQUE, N. M.
PHONE 243-6691

Q Mr. Hoover, will you please state for the record, your name, by whom you are employed, where your place of employment is, and what your capacity or position is?

A My name is John Hoover; employed by Gulf Oil Corporation as Petroleum Engineer, Roswell, New Mexico.

Q Have you previously qualified as a petroleum engineer competent to give testimony before the New Mexico Oil Conservation Commission?

A Yes, sir.

MR. KASTLER: Are the witness' qualifications satisfactory?

MR. NUTTER: Yes, they are.

Q (By Mr. Kastler) Mr. Hoover, will you please explain what Gulf is seeking in this Case Number 2684?

A We are requesting an approval of a triple completion (conventional), for our H. T. Mattern NCT-A Well Number 3 in the Paddock, Blinebry and Drinkard Oil Pools.

Q Have you prepared a Lease Plat showing the location of this well?

A Yes, sir, and it's marked Exhibit Number 1.

Q Will you please explain what this exhibit shows?

A This exhibit shows the H. T. Mattern NCT-A Lease, which is outlined in red, and it's described as the S/2 of Section 24, Township 21 South, Range 36 East, Lea County, New Mexico. Also shown is the H. T. Mattern "A" Well Number 3 which is circled in



red, and is located 660 feet from the South and East lines of the Section 24. The drilling of this well was started on September 26th, 1962.

Q Has there been a similar triple completion approved for these particular three oil pools?

A Yes, sir. Gulf-Graham-State NCT-I Well Number 1 was approved by Order Number R-2321 on October 3rd, 1962. Referring to Exhibit Number 1, this well is an East offset to the Mattern "A" Number 3. The exhibit shows that well Number 1 as an open circle, however, it has now been completed and it is in the Paddock, Blinebry, and Drinkard Oil Pools.

Q Will you please explain what is shown on Exhibit Number 2?

A Yes, sir. Exhibit Number 2 is a log of the Mattern "A" Well Number 3, and we have shown on this log the top and bottom of the producing formations and the perforations. The top of the Paddock pay at 5180, the base of the Paddock pay 5198. The Paddock perforations 5180 to 5188. The top of the Blinebry pay is shown as 5610 feet; the base of the Blinebry pay as 5938 feet. The Blinebry has been perforated selectively in the interval 5612 feet to 5892 feet. The Drinkard top of pay is shown as 6540 feet, with a base, 6684 feet, and it has been selectively perforated in the interval, 6542 feet to 6654 feet.

Q Will you please explain what is shown on Exhibit Number 3?

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182

SANTA FE, N. M.
PHONE 983-3971

ALBUQUERQUE, N. M.
PHONE 243-6691



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A Yes, sir. Exhibit Number 3 is the schematic diagram of the proposed triple completion. On this exhibit I have made some corrections in the casing setting and the perforations, because during the time that this exhibit was made, as proposed the casing has been set and we have perforated, so therefore I have changed that in pencil. This exhibit shows that we have 13 and 3/8ths inch casing set at 326 feet. It was cemented with 360 sacks; the cement did not circulate. However, sixty sacks were pumped outside of the casing, and the cement was brought to the surface. This casing was tested at 800 pounds for 30 minutes and okay. The cement was drilled out, tested again with 800 pounds for 30 minutes, okay. We have 9 and 5/8ths inch casing set at 3689 feet, and it was cemented with 325 sacks, and the temperature survey indicated the top of the cement at 2550 feet. It was tested with 1500 pounds 30 minutes, okay. Cement was drilled out, tested with a thousand pounds 30 minutes, okay.

We have a 7-inch liner set at total depth of 6714 feet, with the top of the liner at 3599 feet. It was cemented with 380 sacks at top of the liner, was squeezed with 115 sacks. The top of the liner was tested with 1750 pounds 30 minutes, and okay. The cement was drilled out at the top of the liner, tested with 2050 pounds for 30 minutes, okay.

The Drinkard perforations, as shown, are 6542 feet to 6654 feet. Blinbry perforations, 5612 feet to 4892 feet. Paddock perforations, 5180 to 5188 feet. The plug-back depth of this well



is 6684 feet. A Baker Model "D" Packer has been set at 6500 feet. We propose to utilize three strings of 2 and 3/8ths inch tubing with a Baker Model "K" Production Packer set between the Blinebry and Paddock perforations; the Baker Model "D" Packer is set between the Drinkard and Blinebry perforations; the intermediate string will be latched into this Baker Model "K" Packer, which is run on the long string, and the short string will be latched into a preliminary string anchor also on the long string.

Q Do you have any bottom-hole pressure information?

A Yes, sir. On our Graham-State "I" Well Number 1, which previously located that well as an East offset to this Mattern "A" Well Number 3, bottom-hole pressures were taken on November 2nd, 1962. The Drinkard pressure was 2371 pounds at a minus 3525 feet. The Blinebry, 2245 pounds at a minus 2400 feet. The Paddock, 1697 pounds at a minus 1775 feet.

Q Any production tests on this well itself?

A The Drinkard zone is the only one that has been treated and tested. The results of that test were as follows: It flowed 392 barrels of oil, 7 barrels of residue, in 17 hours through an 18-64 inch choke; gas volume, 476 MCF per day; gas-oil ratio, 860; corrected gravity 38.8; flowing tubing pressure, 550 pounds. Even though the Blinebry and the Paddock zones have been perforated, they have just been perforated and no evaluation has been made. However, for comparison, I will give a test that we obtained on our Graham-State "I" Well Number 1. In the Blinebry, it flowed

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153 barrels of oil, 27 barrels sand and water, through 2 and 3/8ths inch tubing, 18-64 inch choke in 24 hours; gas volume, 181 MCF per day; tubing pressure, 400 pounds; corrected gravity, 36.5 degrees; gas-oil ratio, 1183. The Paddock flowed 119 barrels of oil, no water, 2 and 3/8 inch tubing, 12-64 inch choke in 24 hours; gas volume, 181 MCF per day; gas-oil ratio, 1521; tubing pressure, 720 pounds; a corrected gravity 38 degrees.

Q If granted, will this triple completion prevent waste, and will it protect correlative rights?

A Yes, sir.

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

A Yes, they were.

MR. KASTLER: I would like to move Gulf's Exhibits 1 through 3, be admitted in evidence.

MR. NUTTER: Gulf's Exhibits 1 through 3 will be admitted in evidence.

MR. KASTLER: That completes my direct examination.

MR. NUTTER: Does anyone have any questions of Mr. Hoover?

(No response.)

MR. NUTTER: He may be excused. Do you have anything further, Mr. Kastler?

MR. KASTLER: No, sir.

MR. NUTTER: Does anyone have anything else to offer in



Case 2684?

(No response.)

MR. NUTTER: We will take the case under advisement.

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

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 4th day of December, 1962.

Ada Dearnley
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. 2684, heard by me on Nov 8, 1962.

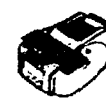
[Signature], Examiner
New Mexico Oil Conservation Commission

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E X H I B I T S

<u>NUMBER</u>	<u>EXHIBIT</u>	<u>MARKED</u>	<u>OFFERED</u>	<u>ADMITTED</u>
GULF'S #1	H.T.Mattern NCT-A Lease	3	7	7
GULF'S #2	Log	4	7	7
GULF'S #3	Schematic Diagram	4	7	7

