

CASE 2103: Application of GULF for an
oil-oil dual of its Vinson-Ramsay "B"
Well No. 6 - Lea County, N.M.

Case No.

2103

Application, Transcript,
Small Exhibits. Etc.

DRAFT

RSM/esr
October 19

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

10/20
10/20
IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 2103
Order No. R-1802

10/20
APPLICATION OF GULF OIL CORPORATION
FOR AN OIL-OIL DUAL COMPLETION
IN THE JUSTIS-BLINEBRY POOL AND
IN AN UNDESIGNATED TUBB POOL,
LEA COUNTY, NEW MEXICO, UTILIZING
PARALLEL STRINGS OF SMALL
DIAMETER TUBING.

ORDER OF THE COMMISSION

BY THE COMMISSION:

10/20
This cause came on for hearing at 9 o'clock a.m. on
October 19, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter,
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 _____ day of October, 1960, the Commission,
a quorum being present, having considered the application, the
evidence adduced, and the recommendations of the Examiner, Daniel S.
Nutter, 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 Vinson-Ramsay "B" Well No. 6, located in Unit
K, Section 36, Township 25 South, Range 37 East, NMPM, Lea County,
New Mexico.
- (3) That the applicant proposes to dually complete the above-
described Vinson-Ramsay "B" Well No. 6 in such a manner as to permit
the production of oil from the Justis-Blinebry Pool and the produc-
tion of oil from an undesignated Tubb pool through parallel strings
of 1 1/2-inch integral joint tubing installed within a string of
5 1/2-inch casing set at approximately 5797 feet.
- (4) That inasmuch as the use of 1 1/2-inch tubing is prac-
ticable in this particular installation, the mechanics of the
proposed dual completion are feasible and in accord with good
conservation practices.

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

IT IS THEREFORE ORDERED:

That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed within a string of 5 1/2-inch casing set at approximately 5797 feet.

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

PROVIDED FURTHER, That the applicant shall take packer-leakage tests upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Justis-Blinebry Pool, or as required by the Secretary-Director of the Commission.

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 the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to regular single-zone production in the interest of conservation.

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

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

Case 9103
De-443

September 20, 1960

Gulf Oil Corporation
P. O. Box 2167
Hobbs, New Mexico

Attention: Mr. W. W. Whitaker

Re: Application for Dual
Completion of your Vinson-
Ramsay "B" Well No. 6,
Unit K-Section 36, Town-
ship 25 South, Range 37 East

Gentlemen:

The following pertinent data was omitted from
the diagrammatic sketch accompanying the subject application:

Size and setting depth of tubing
Top of cement outside 5 $\frac{1}{2}$ " casing

The above information is requested so that the
application can be processed administratively when the 20-day
waiting period ends on October 9, 1960.

Very truly yours,

J. E. KAPTEINA
Engineer

JEK/og

C
O
P
Y

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

MAIN OFFICE APPLICATION FOR DUAL COMPLETION

Field Name Justis County Lea Date 1960 SEP 15
 Operator Gulf Oil Corporation Lease Vinson-Ramsay "B" Well No. 6
 Location of Well Unit K Section 36 Township 25S Range 37E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO

2. If answer is yes, identify one such instance: Order No. DC-966; Operator, Lease, and Well No.:

Gulf Oil Corporation - Vinson-Ramsay "B" No. 7

3. The following facts are submitted:

	Upper Zone	Lower Zone
a. Name of reservoir	<u>Justis-Blinbry</u>	<u>Justis-Tubb</u>
b. Top and Bottom of Pay Section (Perforations)	<u>5359'-5493'</u>	<u>Open Hole 5800'-5830'</u>
c. Type of production (Oil or Gas)	<u>Oil</u>	<u>Oil</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Flowing</u>

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

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, 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.

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 dual 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.

Leonard Oil Company, Box 708, Roswell, New Mexico

Atlantic Refining Company, Box 1610, Midland, Texas

R. Olsen et al, Box 691, Jal, New Mexico

Tidewater Oil Company & Getty Oil Company, Box 547, Hobbs, New Mexico

Ralph Lowe, Box 832, Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO. If answer is yes, give date of such notification 9-15-60.

CERTIFICATE: I, the undersigned, state that I am the Area Petroleum Engineer 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.

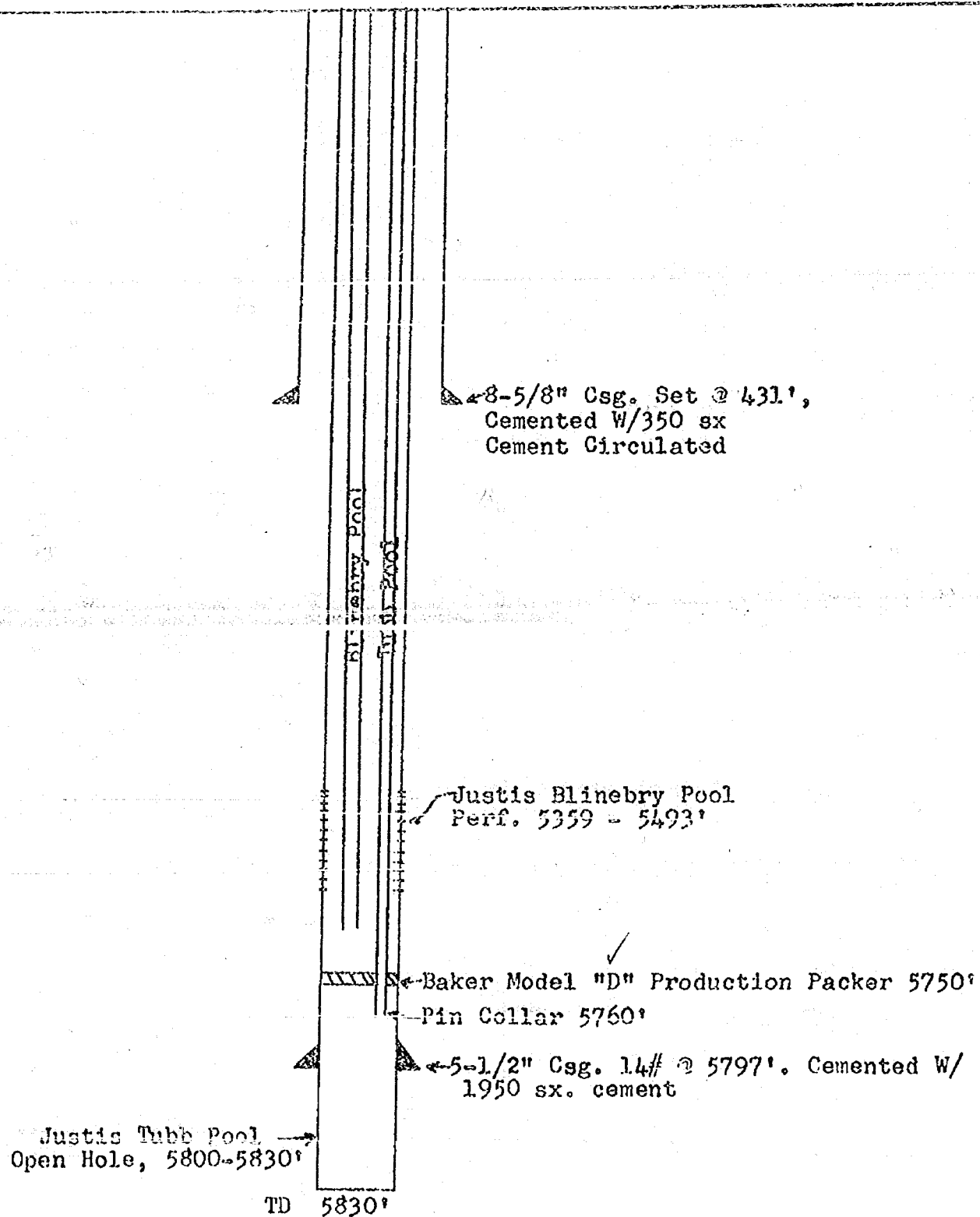
W. W. Whitaker Signature

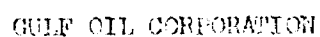
* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual 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.

Diagrammatic Sketch of Mechanical Installation
OIL-OIL DUAL COMPLETION VINSON RAMSAY "B" NO. 6
Justis Tubb-Justis Blinebry Pools

GULF OIL CORPORATION - DOMESTIC PRODUCTION DEPARTMENT







PETROLEUM PRODUCTS

GULF OIL CORPORATION

P. O. Box 766
Kermit, Texas

FORT WORTH
PRODUCTION DIVISION

September 27, 1960

*Justis
Tubing - Drunkard
Extension*

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

Attention: Mr. J. E. Kapteina

Re: Application for Dual
Completion on Gulf's
Vinson-Ramsay "B" Well
No. 6, Unit K, Section
36, Township 25 South,
Range 37 East

Gentlemen:

In reference to your letter dated September 20, 1960,
we are submitting diagrammatic sketches with pertinent data that
were omitted from the original subject application.

Yours very truly,

J. L. Pike
J. L. Pike
Area Production Manager

JCJ:mp
Attachment

*Doehler
Mailed
10-5-60
JL*

Page 2/03

MAIN OFFICE OCC

OIL CONSERVATION COMMISSION

1960 SEP 23 AM 8:21 BOX 2045

HOBBS, NEW MEXICO

OIL CONSERVATION COMMISSION
BOX 871
SANTA FE, NEW MEXICO

DATE Sept. 19, 1960

Re: Proposed NSP _____

Proposed NSL _____

Proposed NFC _____

Proposed DC X

Gentlemen:

I have examined the application dated 9/16/60
for the Gulf Oil Corp. Vinson Ramsay "B" #6-K 36-25-37
Operator Lease and Well No. S-T-R

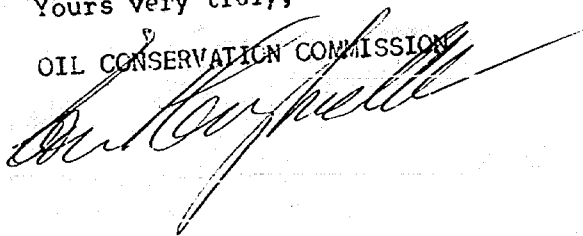
and my recommendations are as follows:

O.K.---E.F.E.

Tubb completion in main Tubb pay-Both geologically O.K.---J.W.R.

Yours very truly,

OIL CONSERVATION COMMISSION



GOVERNOR
JOHN BURROUGHS
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
MURRAY E. MORGAN
MEMBER



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

P. O. BOX 871
SANTA FE

October 24, 1930

Mr. Bill Kastler
Gulf Oil Corporation
Box 669
Roswell, New Mexico

Re: Case No. 2103
Order No. R-1802
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.,
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC

Other

DOCKET: EXAMINER HEARING, WEDNESDAY, OCTOBER 19, 1960Oil Conservation Commission - 9 a.m., Mabry Hall, State Capitol, Santa Fe, NM

The following cases will be heard before Daniel S. Nutter, Examiner, or Oliver E. Payne, Attorney, as Alternate Examiner:

- CASE 2099: Application of Continental Oil Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks an order authorizing the installation of an automatic custody transfer system to handle the Eunice Pool production from all wells presently completed or hereafter drilled on the Meyer B-4 Lease consisting of the E/2 and the E/2 W/2 of Section 4, Township 21 South, Range 36 East, Lea County, New Mexico.
- CASE 2100: Application of Continental Oil Company for an automatic custody transfer system. Applicant, in the above-styled cause, seeks an order authorizing the installation of an automatic custody transfer system to handle the Maljamar Paddock Pool production from all wells presently completed or hereafter drilled on the William Mitchell "A" Lease consisting of the N/2 of Sections 19 and 20, Township 17 South, Range 32 East, Lea County, New Mexico.
- CASE 2101: Application of Cities Service Oil Company for an order force-pooling all mineral interests in a standard 80-acre oil production unit. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests within the vertical limits of the Southwest Gladiola-Devonian Pool in a standard 80-acre unit consisting of the S/2 SW/4 of Section 27, Township 12 South, Range 37 East, Lea County, New Mexico. The non-consenting royalty owners include B. F. Turner and wife, George C. Koch and wife, Hugh O. Sears and wife, Harry J. Kaendl and wife, and Clark and Judge Properties, a partnership.
- CASE 2102: Application of Amerada Petroleum Corporation for permission to commingle the production from several separate pools and for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to commingle the Blinebry, Drinkard, and Fusselman production from all wells on its Ida Wimberley lease comprising portions of Sections 24, 25 and 26, Township 25 South, Range 37 East, Lea County, New Mexico. Applicant further seeks permission to install an automatic custody transfer system to handle said commingled production.

CASE 2103:

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 Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinbry Pool and the production of oil from an undesignated Tubb Pool through parallel strings of 1½-inch tubing.

CASE 2104:

Application of Shell Oil Company for permission to commingle the production from separate pools. Applicant, in the above-styled cause, seeks permission to commingle the Drinkard Pool and Tubb Pool production from all wells located in Section 4, Township 22 South, Range 37 East, Lea County, New Mexico, after separately metering the production from the Tubb Pool only.

CASE 2105:

Application of Shell Oil Company for permission to commingle the production from two separate pools from several separate leases and for an automatic custody transfer system. Applicant, in the above-styled cause, seeks permission to commingle the Eunice and Eumont Pool production from all wells on four leases in Section 1, Township 21 South, Range 35 East, and Section 6, Township 21 South, Range 36 East, Lea County, New Mexico. Applicant further seeks authorization to install an automatic custody transfer system to handle said commingled production.

CASE 2106:

Application of Texaco Inc. for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of the State "BH" Well No. 3, located in Unit E, Section 11, Township 12 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Wolfcamp Pool and the production of oil from an undesignated Pennsylvanian Pool through parallel strings of tubing.

CASE 2107:

Application of Pan American Petroleum Corporation for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks permission to commingle the Denton (Devonian) and Denton (Wolfcamp) Pool production from two wells on the W. H. Fort "A" lease comprising the E/2 of Section 25, Township 14 South, Range 37 East, Lea County, New Mexico, without separately metering the production from each pool.

Docket No. 31-60

-3-

CASE 2108:

Application of Chambers and Kennedy for an unorthodox oil well location. Applicant, in the above-styled cause, seeks approval of an unorthodox location for its Sinclair State Well No. 1 to be located in an undesignated Abo pool at a point 990 feet from the South line and 200 feet from the West line of Section 35, Township 17 South, Range 28 East, Eddy County, New Mexico.

CASE 2109:

Application of Jack S. Reaves for the establishment of a 52-acre non-standard oil proration unit. Applicant, in the above-styled cause, seeks an order establishing a 52-acre non-standard Delaware oil proration unit consisting of lots 3 and 4 of Section 36, Township 26 South, Range 28 East, Eddy County, New Mexico.

CASE 2110:

Application of Chambers and Kennedy for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Monterey State Well No. 3, located 660 feet from the North line and 1650 feet from the West line of Section 32, Township 18 South, Range 31 East, Eddy County, New Mexico, in such a manner as to permit the production of oil from an undesignated Yates oil pool and the production of oil from the North Shugart-Queen Grayburg Pool through parallel strings of 2-inch tubing.

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. 2103
Order No. R-1802

APPLICATION OF GULF OIL CORPORATION
FOR AN OIL-OIL DUAL COMPLETION IN
THE JUSTIS-BLINEBRY POOL AND IN AN
UNDESIGNATED TUBB POOL, LEA COUNTY,
NEW MEXICO, UTILIZING PARALLEL STRINGS
OF SMALL DIAMETER TUBING.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 19, 1960, at Santa Fe, New Mexico, before Daniel S. Nutter, 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 24th day of October, 1960, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, 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 Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, NMPH, Lea County, New Mexico.
- (3) That the applicant proposes to dually complete the above-described Vinson-Ramsay "B" Well No. 6 in such a manner as to permit the production of oil from the Justis-Blinebry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed within a string of 5 1/2-inch casing set at approximately 5727 feet.
- (4) That inasmuch as the use of 1 1/2-inch tubing is practicable in this particular installation, the mechanics of the proposed dual completion are feasible and in accord with good conservation practices.

-2-

CASE No. 2103
Order No. R-1802

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

IT IS THEREFORE ORDERED:

That the applicant, Gulf Oil Corporation, be and the same is hereby authorized to dually complete its Vinson-Ramsey "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Justis-Blinbry Pool and the production of oil from an undesignated Tubb pool through parallel strings of 1 1/2-inch integral joint tubing installed with a string of 5 1/2-inch casing set at approximately 5797 feet.

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

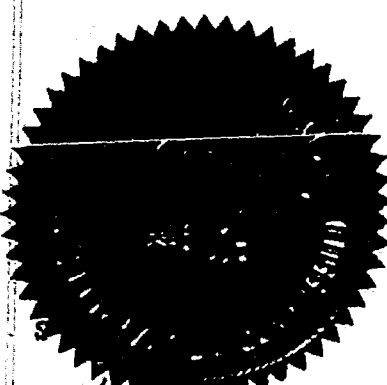
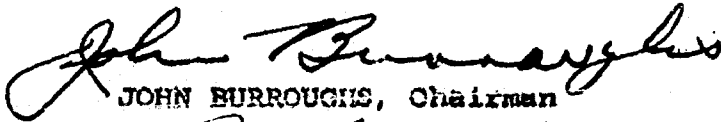
PROVIDED FURTHER, That the applicant shall take packer-leakage tests upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Justis-Blinbry Pool, or as required by the Secretary-Director of the Commission.

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 the protection of correlative rights; upon failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority herein granted and require the applicant or its successors and assigns to limit its activities to regular single-zone production in the interest of conservation.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



JOHN BURROUGHS, Chairman


MURRAY E. MORGAN, Member


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

agr/

Case 2103

Diagrammatic Sketch of Mechanical Installation
 OIL-OIL DUAL COMPLETION VINSON RAMSAY "B" NO. 4
 Justis Tubb-Justis Blinebry Poole

GULF OIL CORPORATION - DOMESTIC PRODUCTION DEPARTMENT

1-1/2" Integral Joint
 Tbg W/Pin Collar
 @5500'

8-5/8" Csg. Set @ 431',
 Cemented W/350 sx
 Cement Circulated

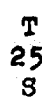
Justis Blinebry Pool
 Perf. 5359 - 5493'

Baker Model "D" Production Packer 5750'
 Pin Collar 5760' 1-1/2" Integral Joint
 Tubing
 5-1/2" Csg. 14# @ 5797'. Cemented W/
 1950 sx. cement. Top Cmt @ 2055'

Justis Tubb Pool
 Open Hole, 5800-5830'

TD 5830'

R-28-M



VINSON-RAMSAY (NCT-B)
LEA COUNTY, NEW MEXICO

CONSERVATION COMM.

- LEGEND -

EXHIBIT NO.

CASE: 2103

Pertinent Gulf Lease
Pertinent Gulf Well

Case No. 2103
Exhibit No. 1

Gulf Oil Corporation October 19, 1960

Safety Factor of
1.6 can be set @
7920.

diff. across
packer
1 1/4" pump can
produce 2-300 bpd.
allowance for 44 BPD

1 1/2" tbg
both zones.
2 1/16 Hydril or
Bent & tbg
1 1/2 int jt. 48.95/100
Hydril 119.68/100
will save 8000 in tbg
can use 8-5/8" casing
5/8" packer hole
1 1/4 bot.

Cemented w/350 sax
Cement circulated

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 2103

GOR 740

1884 BHP

Baker Model "D" Prod.
Packer @ 5680'

1-1/2" Integral Joint tbg
w/pin collar @ 5760'
Cemented w/1950 sax
Top cement @ 2055'

Justis BL 50B2SE
Justis TB 582022W

GOR 2070

BHP 2245 est.

Case No. 2103
Exhibit No. 2

PROPOSED MECHANICAL INSTALLATION
OIL-OIL DUAL COMPLETION
VINSON RAMSAY "B" NO. 6

JUSTIS TUBB AND JUSTIS BLINEBRY POOLS
LEA COUNTY, NEW MEXICO

Gulf Oil Corp.

October 19, 1960

Justis Blinebry
Pool perfs
5359'
5493'
1-1/2" Integral Joint tbg
w/pin collar @ 5523'

5-1/2" csg @ 5797'

Justis Tubb Pool
Open Hole 5797' - 5830'

T.D. 5830'

dried in May 58
as single complet
in Justis BL.
deepened to Tubb
in Oct 60

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
MABRY HALL
Santa Fe, New Mexico
October 19, 1960

EXAMINER HEARING

IN THE MATTER OF:

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 Vinson-Ramsay "B" Well No. 6, located in Unit K, Section 36, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Tubb Pool through parallel strings of 1½-inch tubing.

Case 2103

BEFORE:

Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. MORRIS: Application of Gulf Oil Corporation for an oil-oil dual completion.

MR. KASTLER: Bill Kastler, from Roswell, New Mexico, appearing on behalf of Gulf Oil Corporation. Our witness in this case is Mr. J. C. Johnson.

(Whereupon witness sworn.)

J. C. JOHNSON

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

DIRECT EXAMINATION

BY MR. KASTLER:

Q Will you state your name, by whom you are employed and what position and where you are employed.

A My name is J. C. Johnson. I'm employed by Gulf Oil



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

Corporation as a Petroleum Engineer at Kermit, Texas.

Q Have you previously appeared as a witness before the New Mexico Oil Conservation Commission?

A No.

Q Would you then please outline your educational background and any degrees you might have obtained.

A I graduated from Oklahoma State University in 1956, received a degree of B.S. in Chemical Engineering, Petroleum option.

Q After receiving your degree, what experience have you had?

A I worked the most part as a Petroleum Engineer for Sinclair Oil Company and Gas Company in Nowata, Oklahoma, then served 6 months in the United States Army, then in September, 1957, started to work for Gulf Oil Corporation.

Q Since being employed by Gulf, have you at all times been employed as Production Engineer?

A That is correct.

Q And were you at all times employed either in West Texas or Southeast New Mexico.

A Yes, sir.

Q What are your present duties in connection with Southeast New Mexico.

A I do all the engineering work in our production engineering and designing work office, completion of wells and so forth.

Q Are you familiar with Gulf's Vinson-Ramsay Lease No. 6?

A Yes.

Q Vinson "B" Lease and Well No. 6?

A Yes, sir.



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CN 3-6691

ALBUQUERQUE, NEW MEXICO

Wimberley lease, described as the W/2 of the Southwest Quarter, Section 24, the Northwest Quarter and the Southwest of the Northeast of Section 25 and the Northeast Northeast of Section 26, all in Township 25 South, Range 37 East, Lea County, New Mexico. This plat shows the location of all the wells on this lease and off-setting wells in the Justice Pools and Amerada Wimberley lease. We have two wells in the Langlie Mattix, three in the Blinebry, eight in the Drinkard and six in the Fusselman.

Q What zones are you proposing to commingle?

A The three zones we propose to commingle are the Blinebry, the Drinkard and the Fusselman.

Q Is the ownership of this lease common throughout, Mr. Snyder?

A Yes, sir.

Q The royalty ownership is common?

A Yes, sir.

Q It's a fee lease, is it not?

A Yes, sir.

Q No State or Federal Lands are involved here?

A No.

Q Are you familiar with the fluids from the different zones?

A Yes, sir; the fluids from these three zones are very similar. The gravities range from 35 through 37 on all of the zones. So there would be no either increase or decrease in the value of the liquids by commingling them.

Q Will the installation you propose reduce the weathering



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

of the fluids?

A It will reduce the weathering of the fluids.

Q To some extent enhance the value of the product.

A From that standpoint, it would.

MR. KELLAHIN: Would you have the diagram of the proposed installation marked as Exhibit No. 2?

(Whereupon Exhibit No. 2 was marked for identification.)

Q (By Mr. Kellahin) Referring to what has been marked as Exhibit No. 2, would you discuss that exhibit?

A This exhibit is simply a diagrammatic sketch of the proposed installation, showing the Blinebry, Drinkard and Fusselman zones coming through a header; each zone through its own separator and treater prior to metering the fluids from that zone and it all goes into the battery where it can run through an automatic unit to the pipeline. The facilities are also made for testing of each well in each zone and have separate separators and treaters and meters for the fluids in the zone so each well can be tested periodically.

Q What type of testing meters would you propose to use?

A These were positive displacement meters on the test.

Q What storage facilities would you have in this installation.

A 1500 barrels of storage.

Q Will the 1500 barrels storage be adequate for the maximum unattended period of time on this lease?

A Yes, sir; more than sufficient.

Q What will be the maximum unattended period?



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A 16 hours.

Q Is there a switcher located on the lease?

A The house is about 300 yards from the battery.

Q What safety features are included in this installation?

A The normal safety feature BS & W monitor in the automatic custody transfer unit so if bad oil starts to the pipe line, it will be diverted into what we have shown here on the sketch as a bad oil tank and at the time this happens there will be a light on top of the battery that will start blinking so the switcher can see if he happened to be in the vicinity anyplace. Oil will continue to go in this tank until it reaches a point near the top, at which time it will hit a high level switch and this switch in turn will shut in a motor valve out on the Fusselman zone which in turn shuts in all the Fusselman wells. The reason we deemed it necessary to put in automatic shut-in valves on the Fusselman wells was because of the amount of water they make. We have sufficient storage to handle all the production water and oil from all three zones for more than 16 hours but just as an additive feature, they thought it would be good to shut them at the head well.

Q Is your storage sufficient to take care of the other two zones?

A In the event it's shut in, we have a 1½ day capacity on the other two zones.

Q Who is the purchaser from this lease?

A Texas-New Mexico Pipeline.

Q Have they agreed to this installation?

A Yes, sir.



MR. KELLAHIN: At this time, I would like to offer in evidence Exhibits 1 and 2.

MR. NUTTER: Amerada's Exhibits 1 and 2 will be entered in evidence.

MR. KELLAHIN: That is all the questions I have.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Snyder, you said 1500 barrels of storage, is that plus storage in the bad oil tank?

A Yes, sir; 3 500 barrel tanks.

Q So after the bad oil tank is full and the Fusselman is shut in, you have less than 1500 barrels available storage.

A Yes, sir; but, will be something less than a thousand barrels of storage after that is shut in.

Q You stated you had $1\frac{1}{2}$ days capacity.

A Yes, sir.

Q In this, does that mean the 1500 barrels for the three zones or does it mean in the something less than 1000 barrels in the two zones?

A Something less than for the two zones that are not shut in.

Q I see. What is the classification of the fluids that are produced from these three zones, sweet, sour or intermediate or what?

A I believe they would all be classified as sour crudes, yes, sir.

MR. NUTTER: Any further questions of Mr. Snyder?

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(No response)

MR. NUTTER: You may be excused. Do you have anything further, Mr. Kellahin?

MR. KELLAHIN: That is all.

MR. NUTTER: Does anyone have anything further for Case 2102?

(No response)

MR. NUTTER: We will take the case under advisement and call Case 2103.

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I N D E X

WITNESSES

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E X H I B I T S

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1	2	6	6
2	4	6	6



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ALBUQUERQUE, NEW MEXICO

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO)

I, LEWELLYN NELSON, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing was reported by me in Stenotype, and that the same was reduced to typewritten transcript under my personal supervision and contains a true and correct record of said proceedings, to the best of my knowledge, skill and ability.

DATED this 4th day of November, 1960, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Llewellyn J. Nelson
Notary Public

My Commission Expires:

June 14, 1964.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2103, heard by me on 10/19, 1960.

[Signature], Examiner
New Mexico Oil Conservation Commission

