

CASE 2310: Application of STANDARD
for permission to transfer allow-
ables. (Vac-Edge Unit Well No. 4).

-asa//o.

2310

Application, Transcript,
and Exhibits, 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

July 7, 1961

Mr. Jason Kellahin
Kellahin & Fox
Box 1713
Santa Fe, New Mexico

Re: CASE NO. 2310
ORDER NO. R-2013
APPLICANT:
Standard Oil Company of Texas

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

ir/

Carbon copy of order also sent to:

Hobbs OCC x
Artesia OCC
Aztec OCC

OTHER

**BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO**

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

**CASE No. 2310
Order No. R-2013**

**APPLICATION OF STANDARD OIL COMPANY
OF TEXAS FOR PERMISSION TO TRANSFER
ALLOWABLES IN THE VACUUM-ABO POOL,
LEA COUNTY, NEW MEXICO.**

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 28, 1961, 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 7th day of July, 1961, 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, Standard Oil Company of Texas, proposes to take vertical communication tests on wells in its Vac-Edge Unit in Township 18 South, Range 35 East, NMPM, Lea County, New Mexico, in order to evaluate reservoir conditions in the Vacuum-Abo Pool.
- (3) That in conjunction with said tests the applicant seeks permission to transfer allowables in the Vacuum-Abo Pool for a 120-day period from its Vac-Edge Unit Well No. 4, located in the NW/4 NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells Nos. 3 and 6, located in the NE/4 NW/4 of said Section 4 and in the NW/4 NE/4 of said Section 4, respectively.
- (4) That the allowable should be transferred from said Well No. 4 to said Wells Nos. 3 and 6 in approximately equal parts.
- (5) That approval of the subject application will neither cause waste nor impair correlative rights.

-2-

CASE No. 2310
Order No. R-2013

IT IS THEREFORE ORDERED:

(1) That the applicant, Standard Oil Company of Texas, is hereby authorized to transfer allowables in the Vacuum-Abo Pool, during vertical communication tests conducted therein, from its Vac-Edge Unit Well No. 4, located in the NW/4 NE/4 of Section 4, Township 18 South, Range 35 East, NMPH, Lea County, New Mexico, to its Vac-Edge Unit Wells Nos. 3 and 6, located in the NE/4 NW/4 of said Section 4 and in the NE/4 NE/4 of said Section 4, respectively.

(2) That the production transferred from said Well No. 4 shall be distributed in approximately equal parts to said Wells Nos. 3 and 6.

(3) That the permission to transfer allowables granted by this order shall be for a period of 120 days, commencing July 1, 1961, which is the effective date of this order.

(4) 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



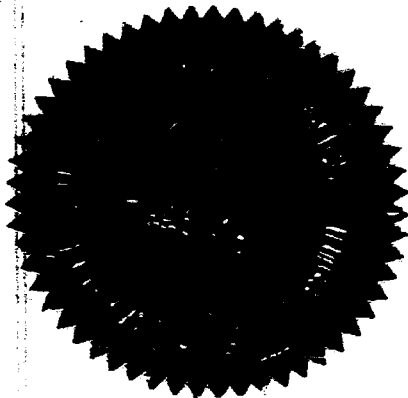
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



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



esx/

No. 18-61

DOCKET: EXAMINER HEARING - WEDNESDAY, JUNE 28, 1961

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, as alternate Examiner:

CONTINUED CASE

CASE 2298:

Application of Chambers & Kennedy for a gas-oil dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Monument State Well No. 1, located in Unit J, Section 34, Township 19 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Eumont Gas Pool and the production of oil from the Eunice-Monument Pool through the 5½-inch by 2½-inch casing-tubing annulus and through 2½-inch tubing respectively.

NEW CASES

CASE 2309:

Application of Texaco Inc. for an oil-oil-oil triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its C. P. Falby (a) Well No. 4, located in Unit E, Section 8, Township 22 South, Range 37 East, Lea County, New Mexico, as a triple completion (conventional) in the Eumont Gas Pool, the Penrose-Skelly Pool, and the Drinkard Pool, the production of oil from each pool to be through parallel strings of 2 3/8-inch tubing.

CASE 2310:

Application of Standard Oil Company of Texas for permission to transfer allowables, Lea County, New Mexico. Applicant, in the above-styled cause, during vertical communication tests, seeks permission to transfer allowables in the Vacuum Abo Pool for a 120-day period from its Vac-Edge Unit Well No. 4, located in the NW/4 NE/4 of Section 4, Township 18 South, Range 35 East, Lea County, New Mexico, to its Vac-Edge Unit Wells Nos. 3 and 6, located in the NE/4 NW/4 of said Section 4 and in the NE/4 NE/4 of said Section 4, respectively.

CASE 2311:

Application of Continental Oil Company for an oil-oil dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Britt B-15 Well No. 10, located in Unit F, Section 15, Township 20 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in an undesignated Blinbry Pool and in the Monument-Tubb Pool, the production of oil from each pool to be through parallel strings of 2-inch tubing.

CASE 2312:

Application of Continental Oil Company for an exception to Rule 309 (a), Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 309 (a) to permit the commingling, after separate measurement, of the Maljamar-Paddock Pool production from the William Mitchell "A" lease, consisting of the N/2 of Sections 19 and 20, and from the William Mitchell "B" lease, consisting of the W/2 and the W/2 E/2 of Section 17, the E/2 and the E/2 W/2 of Section 18, and the S/2 of Sections 19 and 20, all in Township 17 South, Range 32 East, Lea County, New Mexico.

CASE 2313:

Application of W. W. Holmes for an order fixing the spacing of wells, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks an order fixing the spacing of wells producing from the Mesaverde formation in the N/2 of Section 11, Township 18 North, Range 3 West, Sandoval County, New Mexico. Applicant recommends the establishment of two and one-half acre well spacing with no increase in the allowable to be assigned a basic 40-acre oil proration unit.

CASE 2314:

Application of Shell Oil Company for an exception to the gas-oil ratio provisions of Rule 26 (A), Order No. R-1670, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the gas-oil ratio provisions of Rule 26 (A), Order No. R-1670, to permit its Shell State Well No. 1-A, located 380 feet from the North line and 380 feet from the West line of Section 36, Township 24 South, Range 36 East, Lea County, New Mexico, to remain classified as a gas well in the Jalmat Gas Pool, with a gas-oil ratio below 100,000: 1.

CASE 2315:

Application of Pan American Petroleum Corporation for a non-standard oil proration unit and for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of an 86.62-acre non-standard oil proration unit in the Totah-Gallup Oil Pool consisting of Lots 2, 3 and 4 of Section 12, Township 28 North, Range 13 West, San Juan County, New Mexico, to be dedicated to the Gallegos Canyon Unit Well No. 100 at an unorthodox location 476 feet from the North line and 1980 feet from the West line of said Section 12.

CASE 2316:

Application of Pan American Petroleum Corporation for permission to dispose of salt water into the Wolfcamp formation, Lea County, New Mexico. Applicant, in the above-styled

CASE 2316:
(Cont.)

cause, seeks permission to dispose of produced salt water into the Wolfcamp formation through its Lois Wingerd Well No. 8 located 660 feet from the South and East lines of Section 24, Township 12 South, Range 37 East, Cladisa-Wolfcamp Pool, Lea County, New Mexico.

CASE 2317:

Application of Pan American Petroleum Corporation for a pressure maintenance project in the Horseshoe-Gallup Oil Pool, San Juan County, New Mexico, and for special rules governing said project. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project in the Horseshoe-Gallup Oil Pool by the injection of water into certain Northeast Hogback Unit wells in Sections 10, 11, 13, 14, 15 and 24, all in Township 30 North, Range 16 West, San Juan County, New Mexico. Applicant further seeks special rules governing the operation of said project.

CASE 2318:

Application of El Paso Natural Gas Products Company for an order force-pooling a non-standard oil proration unit in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the Cha Cha-Gallup Oil Pool lying North of the mid-channel of the San Juan River in the SE/4 of Section 17, Township 29 North, Range 14 West, San Juan County, New Mexico. Interested parties include Humble Oil & Refining Company, Pan American Petroleum Corporation, and A. L. Duff.

CASE 2319:

Application of Tenneco Oil Company for a non-standard oil proration unit and for permission to commingle the production from separate leases, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 90.5-acre non-standard oil proration unit in the Cha Cha-Gallup Oil Pool consisting of lots 3 and 4 and the E/2 SW/4 of Section 31, Township 29 North, Range 13 West, San Juan County, New Mexico. Applicant further seeks permission to commingle the Gallup oil production from the subject unit with other Gallup oil production from the E/2 W/2 and from the E/2 of said Section 31 after separately metering the production from each area.

CASE 2320:

Application of R. C. Banks for approval of the High Point Unit Agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the High Point Unit

CASE 2320:
(Cont.)

Agreement, which unit embraces 1920 acres of State land in Township 11 South, Ranges 34 and 35 East, Lea County, New Mexico.

The following cases will not be heard before 1:30 P.M.

CASE 2321:

Application of Benson-Montin-Greer Drilling Corporation for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location in the Cha Cha-Gallup Oil Pool for its Jones Well No. 7, located 1200 feet from the North line and 900 feet from the West line of Section 15, Township 28 North, Range 13 West, San Juan County, New Mexico.

CASE 2322:

Application of Southwest Production Company for an unorthodox oil well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location in the Cha Cha-Gallup Oil Pool for a well to be drilled 2260 feet from the North line and 330 feet from the West line of Section 16, Township 29 North, Range 14 West, San Juan County, New Mexico.

CASE 2323:

Application of Southwest Production Company for two non-standard oil proration units and for an unorthodox oil well location in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of two non-standard oil proration units in the Cha Cha-Gallup Oil Pool, San Juan County, New Mexico, one unit consisting of the West 56.625 acres and one unit consisting of the East 56.625 acres of that portion of the SE/4 of Section 16, Township 29 North, Range 14 West, lying North of the mid-channel of the San Juan River; the West proration unit is to be dedicated to a well to be drilled at an unorthodox location 1912 feet from the South line and 2310 feet from the East line of said Section 16.

CASE 2324:

Application of Aztec Oil & Gas Company for an order force-pooling a standard 320-acre gas proration unit, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in a standard 320-acre gas proration unit in the Basin-Dakota Gas Pool, consisting of the N/2 of Section 2, Township 29 North, Range 12 West, San Juan County, New Mexico.

CASE 2325:

Application of Aztec Oil & Gas Company for a non-standard oil proration unit in the Totah-Gallup Oil Pool, San Juan County, New Mexico. Applicant, in the above-styled cause,

CASE 2325:
(Cont.)

seeks the establishment of an 86.13-acre non-standard oil proration unit in the Totah-Gallup Oil Pool, consisting of Lot 1, the NE/4 NW/4 and the NW/4 NE/4 of Section 30, Township 29 North, Range 13 West, San Juan County, New Mexico, to be dedicated to the Hagood Well No. 28-G located 765 feet from the North line and 3175 feet from the East line of said Section 30.

CASE 2326:

Application of David Fasken for permission to drill directionally, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks permission to sidetrack and recomplete the David Fasken-King-Davis Well No. 2, located 1980 feet from the North line and 1980 feet from the West line of Section 27, Township 8 South, Range 37 East, Roosevelt County, New Mexico, in such a manner as to locate the bottom of the hole in the Bough "C" formation of the Bluit-Pennsylvanian Pool 300 feet West of said surface location.

CASE 2327:

Application of the Oil Conservation Commission on its own motion to consider the establishment of non-standard gas proration units for the Basin-Dakota Pool in Townships 29, 30, 31 and 32 North, Ranges 4, 5, 6, 7, 8, 9, 11, 12, 13 West, San Juan and Rio Arriba Counties, New Mexico. Said non-standard units are necessitated by irregular sections resulting from survey corrections in the United States Public Lands Survey.

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TIDEWATER OIL COMPANY

P. O. BOX 1231
MIDLAND, TEXAS

May 19, 1961

W A I V E R

Coe 2310

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting administrative approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 5, located in the NE/4 of NW/4 of Section 4, and SE/4 of NE/4 of Section 5, respectively, both in Township 18 South Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 5 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

TIDEWATER OIL COMPANY

R. H. Coe, District
Production Manager

BHC:ge



2310

STANDARD OIL COMPANY OF TEXAS

A DIVISION OF CALIFORNIA OIL COMPANY
P. O. BOX 1249 • HOUSTON 1, TEXAS

May 24, 1961

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

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

Gentlemen:

In reference to the application of Standard Oil Company of Texas, a Division of California Oil Company, dated May 16, 1961, for administrative approval of allowable transfer from its Vac-Edge Unit Well No. 4 in Lea County, New Mexico, attached are waivers received to date from the following offset operators: Colorado Oil & Gas Corporation, Phillips Petroleum Company, Sun Oil Company, and Tidewater Oil Company.

There has been no indication of any objections by the offset operators. When additional waivers are received, we will forward them to the Commission.

Yours very truly,

C. N. Segnar
C. N. Segnar, Chief Engineer

JRG:ja

Attachments

*Docket
mailed
6-15-61
JK*

W A I V E R

Date May 19, 1967

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting administrative approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 5, located in the NE/4 of NW/4 of Section 4, and SE/4 of NE/4 of Section 5, respectively, both in Township 18 South Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 5 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

COLORADO OIL & GAS CORPORATION

By [Signature]

W A I V E R

Date May 22, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting administrative approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 5, located in the NE/4 of NW/4 of Section 4, and SE/4 of NE/4 of Section 5, respectively, both in Township 18 South Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 5 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

By

O. P. Nicola, Jr.
O. P. Nicola, Jr.
Director of Proration
Production Department

W A I V E R

Date 5-19-61

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting administrative approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 5, located in the NE/4 of NW/4 of Section 4, and SE/4 of NE/4 of Section 5, respectively, both in Township 18 South Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 5 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

SUN OIL COMPANY

By W. C. Ballou

STANDARD OIL COMPANY OF TEXAS
A DIVISION OF CALIFORNIA OIL COMPANY
HOUSTON 1, TEXAS

P. O. BOX 1249

May 16, 1961

Case 2310

Set for hearing

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

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

Gentlemen:

Attached are two copies of Standard Oil Company of Texas', a Division of California Oil Company, application for administrative approval of allowable transfer from its Vac-Edge Unit Well No. 4 for a period of 120 days. Also attached is a copy of a letter to the offset operators requesting waivers.

Yours very truly,

C. N. Segnar
C. N. Segnar, Chief Engineer

RLMc:ja

Attachments

Case 2310



STANDARD OIL COMPANY OF TEXAS

A DIVISION OF CALIFORNIA OIL COMPANY
P. O. BOX 1249 • HOUSTON 1, TEXAS

May 16, 1961

Colorado Oil & Gas Corporation
1000 Denver Club Building
Denver 2, Colorado

Getty Oil Company
Box 731
Tulsa 2, Oklahoma

Humble Oil & Refining Company
Box 1600
Midland, Texas

Mobil Oil Company
P. O. Box 2406
Hobbs, New Mexico

Phillips Petroleum Company
Bartlesville, Oklahoma

Republic Natural Gas Company
Wilkinson Foster Building
Midland, Texas

Shell Oil Company
Box 1509
Midland, Texas

Sinclair Oil & Gas Company
Box 1470
Midland, Texas

Skelly Oil Company
Box 993
Midland, Texas

Sun Oil Company
P. O. Box 2880
Dallas, Texas

The Superior Oil Company
P. O. Box 1521
Houston 1, Texas

Texas Pacific Coal & Oil Co.
511 West Ohio Street
Midland, Texas

Tidewater Oil Company
Box 1231
Midland, Texas

Gentlemen:

Attached is Standard Oil Company of Texas, a Division of California Oil Company, application to the New Mexico Oil Conservation Commission requesting administrative approval on allowable transfer from its Vac-Edge Unit Well No. 4 to its Vac-Edge Unit Wells No. 3 and No. 5.

If you have no objection to the proposed application, please execute the attached waiver and return three copies to us.

Yours very truly,

C. N. Segnar
C. N. Segnar, Chief Engineer

RLMc:ja

Attachments

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



STANDARD OIL COMPANY OF TEXAS

A DIVISION OF CALIFORNIA OIL COMPANY
P. O. BOX 1249 • HOUSTON 1, TEXAS

May 31, 1961

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

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

Gentlemen:

Standard Oil Company of Texas, a Division of California Oil Company, filed an application for administrative approval, dated May 16, 1961, of an allowable transfer for a 120-day period from its Vac-Edge Unit Well No. 4 to Vac-Edge Unit Wells No. 3 and No. 5.

Mr. Nutter stated in a telephone conversation with Mr. R. L. McGannon that the Commission did not have authority to approve the subject application administratively and that the matter would be set for hearing on June 28, 1961.

The attached application has been amended to transfer the allowable from the Vac-Edge No. 4 well to the Vac-Edge No. 3 and No. 6 wells. In the vertical communication test of the Vacuum-Abo reservoir, the utilization of the No. 6 as one of the recipient wells, in lieu of No. 5, is proposed to make it possible to have a more rapid pressure response in Well No. 4 during its shut-in period.

Yours very truly,

C. N. Segnar Rgm
C. N. Segnar, Chief Engineer

RLMc:ja

Attachment

Case 2310

STANDARD OIL COMPANY OF TEXAS

A DIVISION OF CALIFORNIA OIL COMPANY
P. O. BOX 1249 • HOUSTON 1, TEXAS

May 31, 1961

Colorado Oil & Gas Corporation
1000 Denver Club Building
Denver 2, Colorado

Getty Oil Company
Box 731
Tulsa 2, Oklahoma

Humble Oil & Refining Company
Box 1600
Midland, Texas

Mobil Oil Company
P. O. Box 2406
Hobbs, New Mexico

Phillips Petroleum Company
Bartlesville, Oklahoma

Republic Natural Gas Company
Wilkinson Foster Building
Midland, Texas

Shell Oil Company
Box 1509
Midland, Texas

Sinclair Oil & Gas Company
Box 1470
Midland, Texas

Skelly Oil Company
Box 993
Midland, Texas

Sun Oil Company
P. O. Box 2880
Dallas, Texas

The Superior Oil Company
P. O. Box 1521
Houston 1, Texas

Texas Pacific Coal & Oil Co.
511 West Ohio Street
Midland, Texas

Tidewater Oil Company
Box 1231
Midland, Texas

Gentlemen:

Attached is Standard Oil Company of Texas', a Division of California Oil Company, application to the New Mexico Oil Conservation Commission requesting approval of an allowable transfer from its Vac-Edge Unit Well No. 4 to its Vac-Edge Unit Wells No. 3 and No. 6.

The initial application, dated May 16, 1961, requested administrative approval of an allowable transfer from Well No. 4 to Wells No. 3 and No. 5. The Conservation Commission stated that the rules did not permit administrative approval of an allowable transfer and set this matter for hearing June 28, 1961.

In the attached application, it is proposed to utilize Vac-Edge Unit No. 6 as one of the recipient wells, in lieu of No. 5, to make it possible to have a more rapid pressure response in the Well No. 4 during its shut-in period.

May 31, 1961
Page 2

It you have no objection to the proposed application, please execute the attached waiver and return three copies to us.

Yours very truly,

C. N. Seggar RME
C. N. Seggar, Chief Engineer

RLMc:ja

Attachments

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

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF
STANDARD OIL COMPANY OF TEXAS, A
DIVISION OF CALIFORNIA OIL COMPANY,
FOR AN ORDER PERMITTING TRANSFER OF
ALLOWABLE FROM ITS VAC-EDGE UNIT WELL
NO. 4 FOR A PERIOD OF 120 DAYS.

A P P L I C A T I O N

In support of the application, Standard Oil Company of Texas,
a Division of California Oil Company, submits the following facts:

1. The Oil Conservation Commission, by Order No. R-1395, approved the Vac-Edge Unit which comprises the W/2 of Section 3, Section 4, E/2 of Section 5, Section 9, NW/4 of Section 10, all in Township 18 South, Range 35 East, Lea County, New Mexico.
2. Oil production has been obtained in the area of the Vac-Edge Unit from the Abo Reef and is designated by the Commission as the Vacuum-Abo Pool.
3. It is requested that the allowable of the Standard Oil Company of Texas Vac-Edge Unit Well no. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, be transferred for a period of 120 days to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4 and the NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.
4. The purpose of transferring the allowable from the Vac-Edge Unit Well No. 4 is to conduct bottom hole pressure surveys to test for vertical communication in the reservoir. The Vac-Edge No. 4 is the only well in the field at this time which is perforated in the upper part of the reef. All other wells are completed in the lower section of the reef. It is planned to keep the Well No. 4 shut-in and observe its bottom hole pressure for any drawdown that would indicate vertical communication.
5. Obtaining data related to vertical reservoir communication is necessary for future well completions and for primary and possible secondary production operations.
6. Attached is a sketch of the unit area, well locations, and offset operators.

7. A copy of this application has been sent to all offset operators to the Vac-Edge Unit.

STANDARD OIL COMPANY OF TEXAS
A DIVISION OF CALIFORNIA OIL COMPANY

By C. N. Segnar
C. N. Segnar, Chief Engineer

AFFIDAVIT

STATE OF TEXAS

COUNTY OF HARRIS

Before me, the undersigned authority, on this day personally appeared C. N. Segnar, known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that the application is true and correct.

SUBSCRIBED AND SWORN TO before me, this the 31 day of May, 19 61.

LESTER G. LIVERMORE
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1961

L. Livermore
Notary Public in and for Harris
County, Texas

Copies to:

Colorado Oil & Gas Corp.
1000 Denver Club Bldg.
Denver 2, Colorado

Republic Natural Gas Co.
Wilkinson Foster Bldg.
Midland, Texas

The Superior Oil Co.
P. O. Box 1521
Houston 1, Texas

Getty Oil Company
Box 731
Tulsa 2, Oklahoma

Shell Oil Company
Box 1509
Midland, Texas

Texas Pacific Coal &
Oil Company
511 West Ohio St.
Midland, Texas

Humble Oil & Refining Co.
Box 1600
Midland, Texas

Sinclair Oil & Gas Co.
Box 1470
Midland, Texas

Tidewater Oil Co.
Box 1231
Midland, Texas

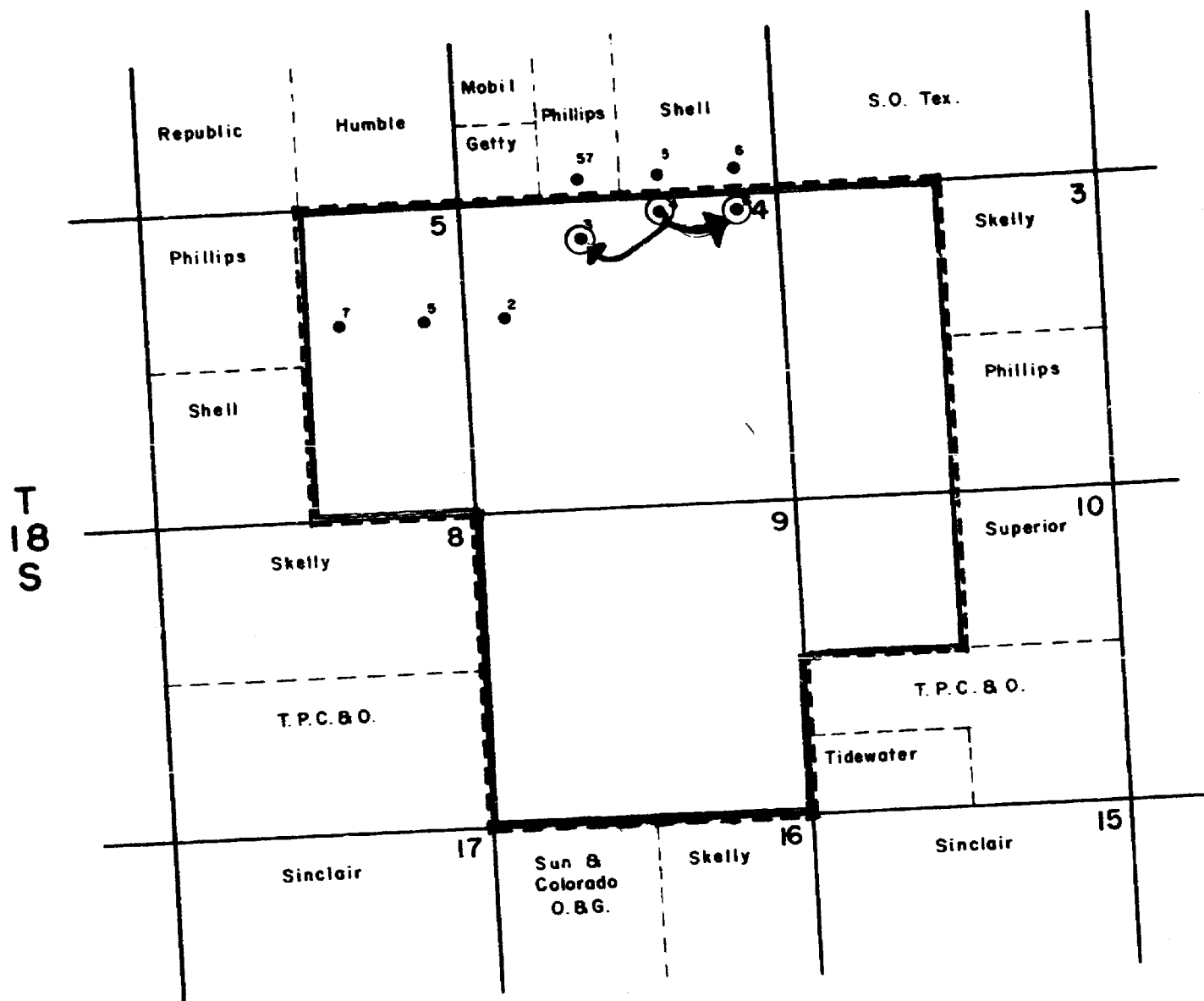
Mobil Oil Company
P. O. Box 2406
Hobbs, New Mexico

Skelly Oil Company
Box 993
Midland, Texas

Phillips Petroleum Co.
Bartlesville, Oklahoma

Sun Oil Company
P. O. Box 2880
Dallas, Texas

R 35 E



LEGEND

Federal Land	None
State of New Mexico Land	2,078 Ac.
TOTAL	2,078 Ac.

UNIT PARTICIPATION

STANDARD	36.54368%
PHILLIPS	23.07270%
TIDEWATER	16.39624%
AZTEC	7.69812%
SHELL	7.69812%
OHIO	7.67406%
CITIES SERVICE	1.91708%

VAC-EDGE UNIT-ORDER NºR-1395

T.18S., R.35E., N.M.P.M.

Lea County, New Mexico

SCALE 2" = 1 MILE

Case 2310

W A I V E R

Date 6-23-61

*Case
2310*

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

REPUBLIC NATURAL GAS COMPANY

By M. E. Johnson

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JUNE 28, 1961

EXAMINER HEARING

IN THE MATTER OF

CASE 2310:

Application of Standard Oil Company
of Texas for permission to transfer
allowables, Lea County, New Mexico.

TRANSCRIPT OF HEARING

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
JUNE 28, 1961

EXAMINER HEARING

IN THE MATTER OF:

CASE 2310 Application of Standard Oil Company of Texas
for permission to transfer allowables, Lea
County, New Mexico. Applicant, in the above-
styled cause, during vertical communication
tests, seeks permission to transfer allowables:
in the Vacuum Abo Pool for a 120-day period
from its Vac-Edge Unit Well No. 4, located in
the NW/4 NE/4 of Section 4, Township 18 South,
Range 35 East, Lea County, New Mexico, to its
Vac-Edge Unit Wells Nos. 3 and 6, located in
the NE/4 NW/4 of said Section 4 and in the
NE/4 NE/4 of said Section 4, respectively.

BEFORE:

Mr. Elvis A. Utz, Examiner.

T R A N S C R I P T O F P R O C E E D I N G S

MR. UTZ: Case 2310.

MR. MORRIS: Application of Standard Oil Company of
Texas for permission to transfer allowables, Lea County, New Mex-
ico.

MR. KELLAHIN: If the Examiner please, Jason Kellahin,
Kellahin & Fox, Santa Fe, representing the applicant. We will have
one witness I would like to have sworn.



MR. UTZ: Are there other appearances in this case?

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

R. L. McGANNON,

called as a witness, having been first duly sworn on oath, testi-
fied as follows:

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please?

A R. L. McGannon.

Q By whom are you employed and in what position?

A Standard Oil Company of Texas as Proration Engineer.

MR. UTZ: What was the name again?

A M-c-G-a-n-n-o-n.

MR. EKLLAHIN: R. L.

MR. UTZ: Okay.

Q (By Mr. Kellahin) Have you had any training and experi-
ence as a petroleum engineer, Mr. McGannon?

A Yes. I graduated from Texas A & M College in 1951 with
a B.S. in petroleum engineering and mechanical engineering. Since
that time, in the past eight years, I have been employed as a
petroleum engineer with Standard of Texas.

Q Where have you worked for Standard of Texas?

A I have worked in West Texas, North Texas, and Oklahoma
as an engineer.



Q Where are you presently located?

A In Houston, Texas.

Q In connection with your duties with Standard Oil Company, do you have anything to do with the operations in New Mexico?

A Yes, sir. That is under our supervision, the proration aspect.

MR. KELLAHIN: Are the witness' qualifications acceptable?

MR. UTZ: Yes, they are.

Q (By Mr. Kellahin) Are you familiar with the application of Standard Oil Company of Texas in Case 2310?

A Yes, sir, I am.

Q Would you state briefly what is proposed in this application?

A This is the request to shut in the Standard of Texas' Vac-Edge Unit Well No. 4, located in the northwest quarter of the northeast quarter of Section 4, Township 18 South, Range 35 East, Lea County, New Mexico, for a period up to 120 days, for the purposes of testing for vertical communication in the Vacuum Abo reservoir. It is proposed to transfer the allowable from the No. 4 Well to the No. 3 and No. 6 Wells in this field.

Q Referring to what has been marked as Exhibit No. 1, would you discuss the information shown on that Exhibit?

A Exhibit No. 1 is an outline of the Vac-Edge Unit, which was created by Order R-1395. The Unit is outlined in red, and the



No. 4 Well is circled in red, with the No. 3 and 6 Wells, the proposed recipient wells circled in green, and around the Unit are the offset operators to this lease.

Q The Exhibit also shows the offsetting wells?

A Yes, sir. The offsetting wells are shown with the operators.

Q Now, referring to what has been marked as Exhibit No. 2, would you discuss the information shown on that Exhibit?

A Exhibit No. 2 is a Lane Wells Mena log, which is comparable to a microlog. On this the section of the Abo reef is shown, and the black indicates your porosity zones in the reef. Also, marked on there are your perforations in the Vac-Edge No. 4 Well, which this log is on. The well is perforated in the upper portion of the pay from 8364 to 8400 feet. This log indicates that you have a gross pay of -- in excess of 500 feet. This average pay in the field, a net pay of approximately 150 feet. As can be seen from this log, the upper porosity zone was perforated for the purposes of testing for vertical communication. The other wells in the field, only on the lower portion of this reef, are perforated.

Q Then, this is the only well that's perforated in the upper portion of the reef?

A That is correct.

Q And this well is not open in the lower zone, is that correct?

A No, it is not open.



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PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

Q Have the offsetting operators been notified of the application of Standard in this case?

A A copy of the application was sent to all offsetting operators, and a request was made for waivers from these operators, and these waivers have been received.

Q Is there any importance in conducting this test at the present time, Mr. McGannon?

A Yes, sir. We feel that the information on whether we have vertical communication is very important on our completion techniques, plus the possible study of pressure maintenance operations. If we did have vertical communication, you will get a gravity segregation, and, actually, the reservoir is unsaturated at this time, but when the gas starts coming out of solution, if we can form a secondary gas cap, our recovery will be much better than if we have separation in the reservoir, meaning we will start producing gas at an early stage in the field.

Q Will the results of this test affect your operations in the Unit?

A Yes, sir, it will.

Q Will it likewise be of value to the offsetting operators?

A Yes, sir, it definitely will.

Q Is it a fact that this is the only well open in the upper zone of any significance?

A Yes, sir, it is, at this stage, because we feel that if we do have vertical communication, and a secondary gas cap is



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PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

formed, then there will be a possibility of wells that are completed in the gas cap, or what will be the gas cap, producing at a high gas-oil ratio, and if we can -- the sooner we find out the information, it will be more valuable on our completion techniques.

Q Is there any possibility that other wells may be completed in this zone?

A Yes. The area is still under development now, and it is possible that wells could be completed in the upper zone at this time.

Q Is it Standard's position, then, that they wish to make this test prior to the completion of any further wells in the area?

A Well, I'm not sure of the completion stages of the other wells, but we would like to commence the test the 1st of July to start on an even month, and to try to obtain information as soon as possible.

Q Are you receiving cooperation in the conducting of the tests from the offsetting operators?

A Yes, sir. The immediate offset operators have agreed to shut in their wells seventy-two hours. If we obtain permission the first of the month, they would shut in the first three days of the month, and then we would start commencing our shut-in tests.

Q You understand, Mr. McGammon, that there is quite a remote possibility an order could be entered prior to the 1st of July in this case, do you not?



A Yes, sir. If we could make the order effective to the 1st of July, when it is issued, it would be satisfactory.

Q Is that your request, then, to the Commission --

A Yes, sir.

Q -- that the order be effective July 1st, regardless of the date it is entered? Do you have anything to add to your comments on this?

A I believe that's it.

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

A Yes, sir.

MR. KELLAHIN: I would like to offer in evidence Exhibits 1, 2 and 3.

MR. UTZ: Without objection, the Exhibits 1, 2 and 3 will be entered into the record in this case.

MR. KELLAHIN: That completes the direct examination.

CROSS-EXAMINATION

BY MR. UTZ:

Q Mr. McGannon, do you have the perforations for your No. 3, No. 6?

A Yes, sir. The No. 3 Well is perforated in the interval 8746 to 8764, and 8778 to 8800. The No. 6 Well is perforated from 8938 to 8950, from 8972 to 8986, from 9,000 feet to 9,007 feet, from 9,022 feet to 9,045 feet.

Q The perforations on the No. 3 and 6 are anywhere from



600 feet lower than the perforations on your No. 4?

A That is correct.

Q Is there anything in the interpretation of this log that would indicate that there is not vertical communication?

A No, the log does not conclusively show the lack of vertical communication. It's the appearance of the streaks in the dolomite there that we want to test.

Q I think you stated, but would you mind repeating just how you intend to go about creating a secondary gas cap?

A Well, actually, the reservoir is unsaturated at this time.

Q I see.

A As you drop below your saturation pressure, your gas will begin to come out of solution, and if you do have communication, a secondary gas cap would be formed under the circumstances.

Q Just a matter of getting your pressure down?

A Yes, sir.

MR. UTZ: Any other questions of the witness?

MR. MORRIS: Yes, sir.

BY MR. MORRIS:

Q Mr. McGannon, do you propose to transfer the allowable from your No. 4 Well to the No. 3 and 6 Wells in approximately equal parts?

A Yes, sir.

Q Do you have any objection to making that a part of the order that is entered in this case, that it will be transferred

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ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691

PAGE 9

in approximately equal parts?

A No, sir. That is how we had planned it.

Q You stated that you had waivers from all of the offset operators. The Commission has received copies of several waivers, but we do not have copies of all of the waivers. Do you have waivers from all of the offset operators?

MR. KELLAHIN: They are Exhibit No. 3, which we entered.

MR. MORRIS: I see.

MR. UTZ: Are there other questions? Any other statements in this case? The witness may be excused.

(Witness excused)

MR. UTZ: The case will be taken under advisement.



STATE OF NEW MEXICO)
) ss
 COUNTY OF BERNALILLO)

I, ADA DEARNLEY, Court Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in machine shorthand and reduced to typewritten transcript under my personal supervision, and that the same is a true and correct record, to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal, the 2nd day of July, 1961, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

Ada Dearnley
 NOTARY PUBLIC

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. 2310, heard by me on June 28, 1961.
[Signature] Examiner
 New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CM 3-6691

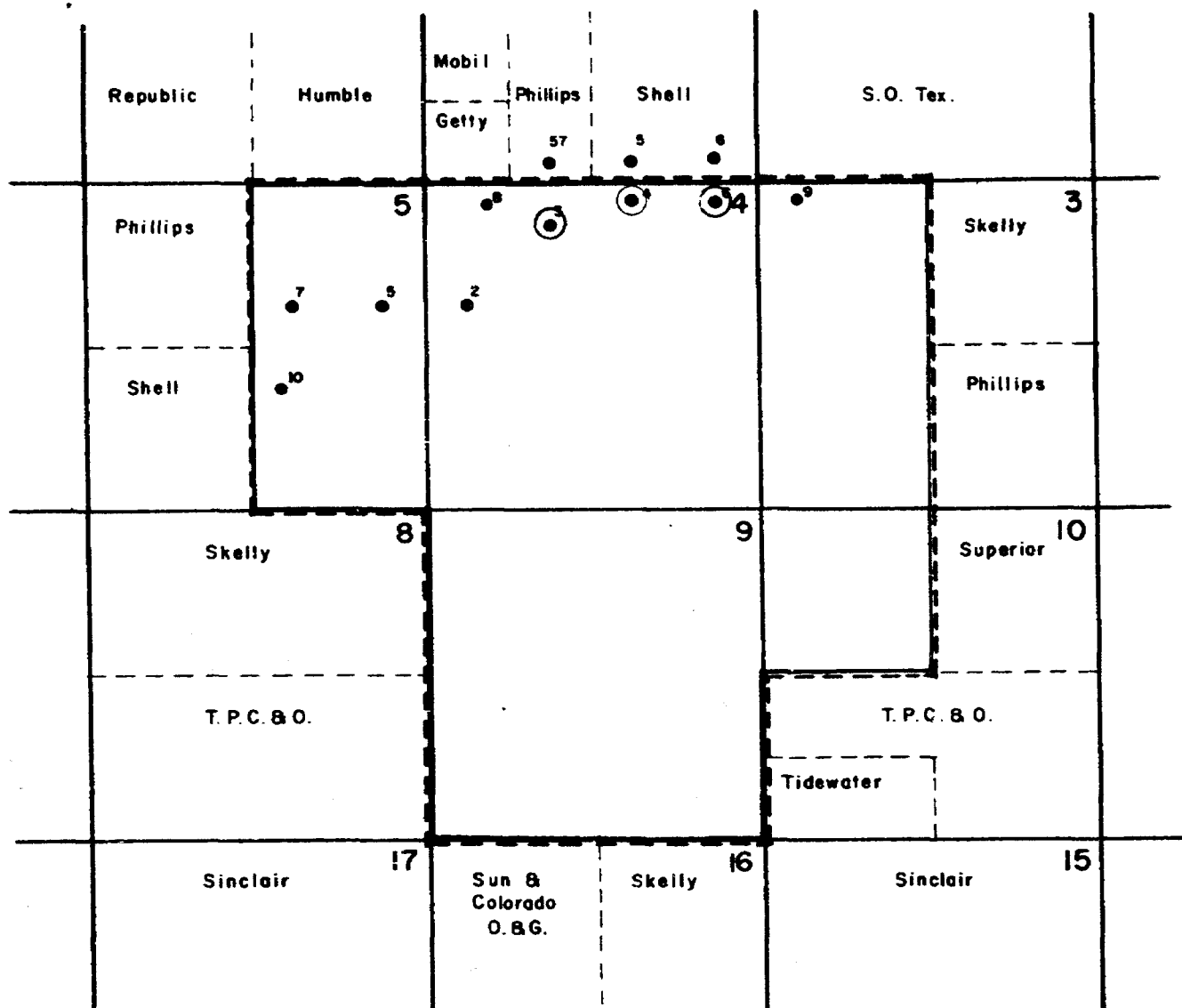
ALBUQUERQUE, NEW MEXICO



R 35 E

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
App EXHIBIT NO. 1
CASE NO. 2310

T
18
S



LEGEND

Federal Land	None
State of New Mexico Land	2,078 Ac.
TOTAL	2,078 Ac.

UNIT PARTICIPATION

STANDARD	36.54368 %
PHILLIPS	23.07270 %
TIDEWATER	16.39624 %
AZTEC	7.69812 %
SHELL	7.69812 %
OHIO	7.67406 %
CITIES SERVICE	1.91708 %

VAC-EDGE UNIT-ORDER N^oR-1395

T.18 S., R.35 E., N.M.P.M.

Lea County, New Mexico

W A I V E R

Date Jun 12, 1961

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
<i>yes</i>	EXHIBIT NO. <u>3</u>
CASE NO. <u>2310</u>	

(13 sheets)

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

COLORADO OIL & GAS CORPORATION

By Thomas D. Dylann



TIDEWATER OIL COMPANY

P. O. BOX 1231
MIDLAND, TEXAS

June 5, 1961

W A I V E R

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

TIDEWATER OIL COMPANY

For GETTY OIL COMPANY

R. H. Coe, District
Production Manager

RHC:ge

512
W A I V E R

Date June 9, 1961

RECEIVED
MAY 4 1961
H.H.H.H.H.

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

ms By H. L. Hensley
H. L. Hensley

W A I V E R

Date June 5, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

MOBIL OIL COMPANY

By

L. H. Davis

W A I V E R

Date June 6, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

PHILLIPS PETROLEUM COMPANY

By

O. P. Nicola, Jr.

O. P. Nicola, Jr.
Director of Proration
Production Department

W A I V E R

Date 6-23-61

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

REPUBLIC NATURAL GAS COMPANY

By ME Jallan

W A I V E R

Date June 7, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

SHELL OIL COMPANY

By 
R. L. Rankin
Division Production Manager

W A I V E R

Date June 13, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

SINCLAIR OIL & GAS COMPANY

By N. F. Gullledge
N. F. Gullledge
Assist. Division
Production Supt.

Form O. K.

mh

W A I V E R

Date June 12, 1961

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

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

Gentlemen:

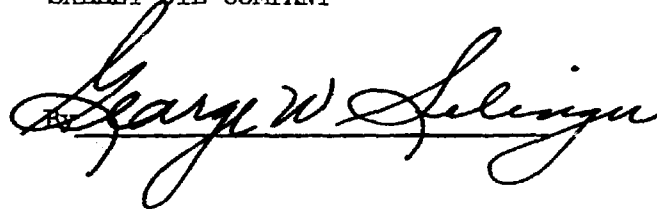
We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

SKELLY OIL COMPANY



W A I V E R

Date June 2, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

SUN OIL COMPANY

A. R. Ballou

By Janwill Dutton

cap
JRL

W A I V E R

Date June 1, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

THE SUPERIOR OIL COMPANY

By

L. J. Willis

P. O. Box 1521
Houston 1, Texas

W A I V E R

Date June 6, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

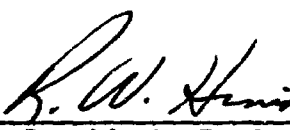
The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

TEXAS PACIFIC COAL & OIL COMPANY

By


Vice President, Production



TIDEWATER OIL COMPANY

P. O. BOX 1231
MIDLAND, TEXAS

June 2, 1961

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

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

Gentlemen:

We have been advised that Standard Oil Company of Texas, a Division of California Oil Company, is requesting approval by the New Mexico Oil Conservation Commission to permit the transfer of allowable in the Vacuum-Abo Pool from its Vac-Edge Unit Well No. 4, located in the NW/4 of NE/4 of Section 4, Township 18 South, Range 35 East, to its Vac-Edge Unit Wells No. 3 and No. 6, located in the NE/4 of NW/4 of Section 4, and NE/4 of NE/4 of Section 4, respectively, both in Township 18 South, Range 35 East. The transferred allowable of the No. 4 well is to be divided equally between the No. 3 and No. 6 wells.

The purpose of the allowable transfer is to permit vertical reservoir communication tests in the Vac-Edge No. 4 well during a test period of 120 days.

As an offset operator, we hereby waive objection to the proposed allowable transfer by Standard Oil Company of Texas.

Yours very truly,

TIDEWATER OIL COMPANY

By: H. G. Wesberry
H. G. Wesberry - Ass't. Prod. Mgr. (Dist.)

SHK/