

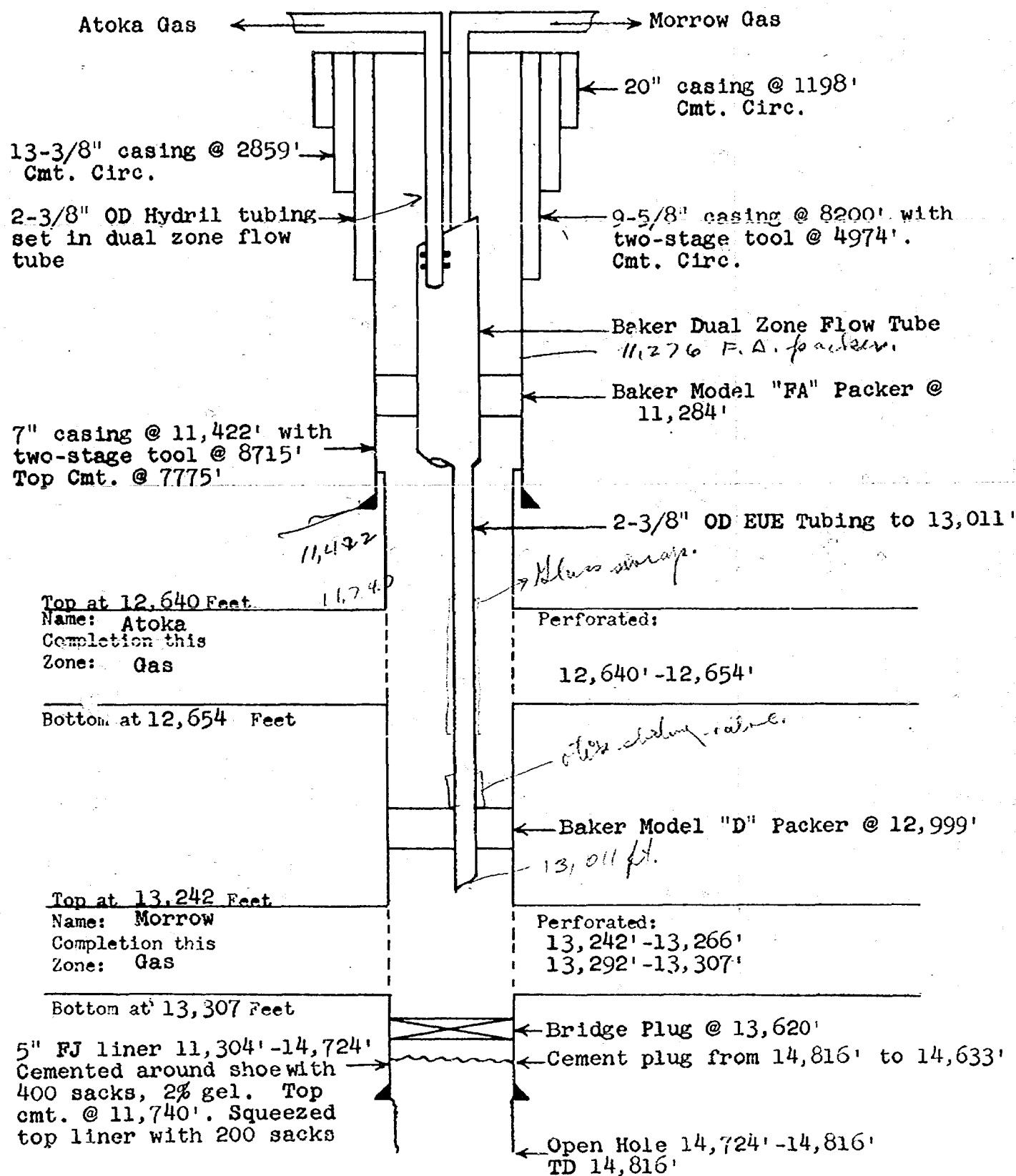
Case No.

1951

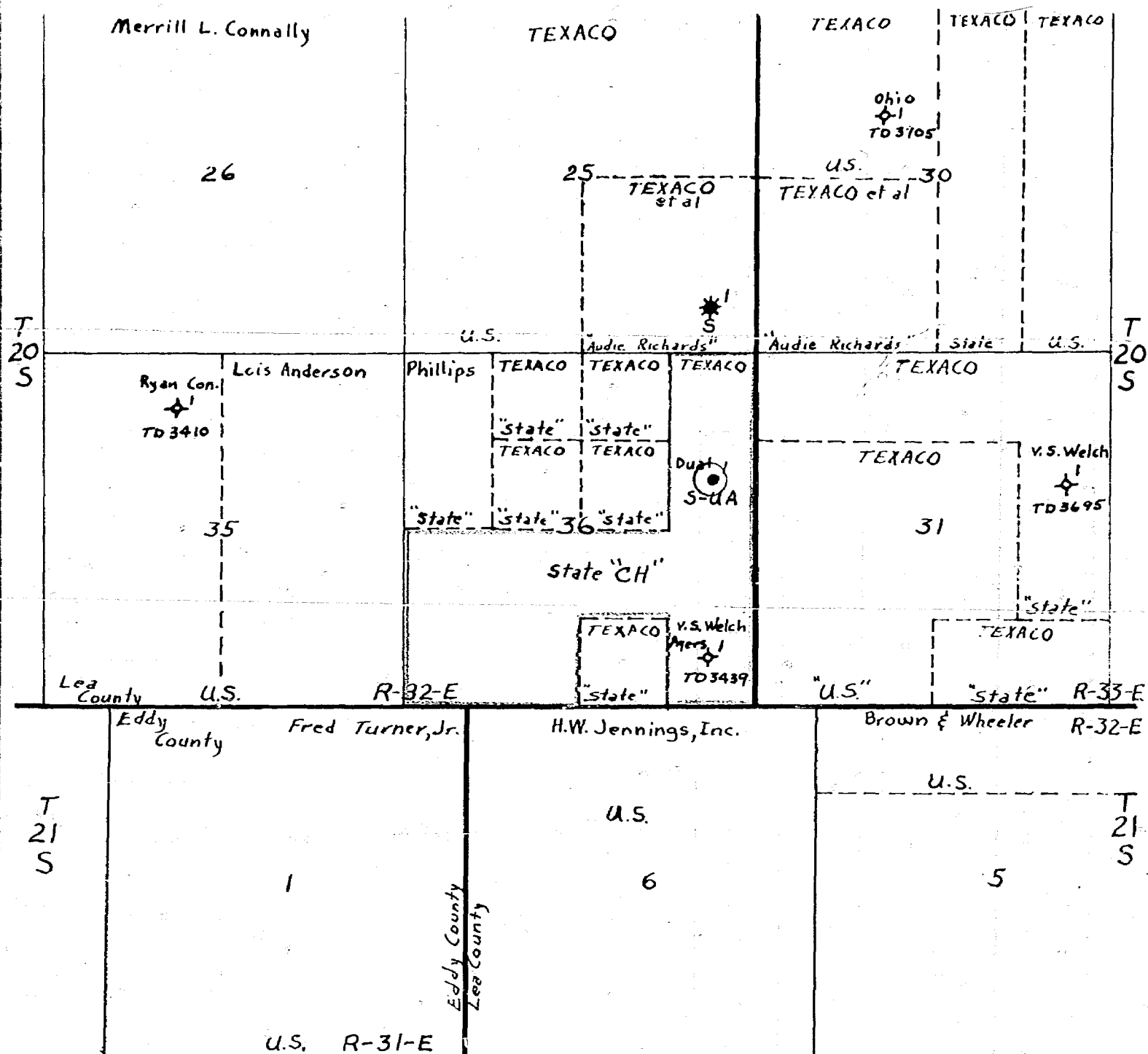
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Application, Transcript,  
Small Exhibits, Etc.

# DIAGRAMATIC SKETCH OF DUAL COMPLETION INSTALLATION



COMPANY: TEXACO Inc.  
 LEASE: State of New Mexico "CH" Well No. 1  
 FIELD: Salt Lake Penn., South and Undesignated Atoka  
 DATE: March 30, 1960



PLAT OF TEXACO INC. STATE OF NEW MEXICO "CH" LEASE  
AND OFFSET LEASES

Lea County, New Mexico

Scale: 1" = 2000'

LMF March 30, 1960

LEGEND

S - Salt Lake Penn.,  
South Pool  
UA - Undesignated Atoka  
Pool

OFFSET OPERATORS

H. W. Jennings, Inc., P. O. Box 450, Roswell,  
New Mexico  
Fred Turner, Jr., P. O. Box 910, Midland, Texas  
Lois Anderson, c/o Hondo Oil & Gas Corp., P. O.  
Box 660, Roswell, New Mexico

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name		Undesignated Atoka and Salt Lake Penn., South		County	Lea	Date	March 30, 1960
Operator		TEXACO Inc.		Lease		State of New Mexico "CH"	
Location of Well		Unit	H	Section	36	Township	20-S
						Range	32-E

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 \_\_\_\_\_ NO X
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator, Lease, and Well No.: \_\_\_\_\_

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	Atoka	Morrow
b. Top and Bottom of Pay Section (Perforations)	12,640' -12,654'	13,242' -13,266' 13,292' -13,307'
c. Type of production (Oil or Gas)	Gas	Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing

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

- Yes o. 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.

H. W. Jennings, Inc., P. O. Box 450, Roswell, New Mexico

Fred Turner, Jr., P. O. Box 910, Midland, Texas

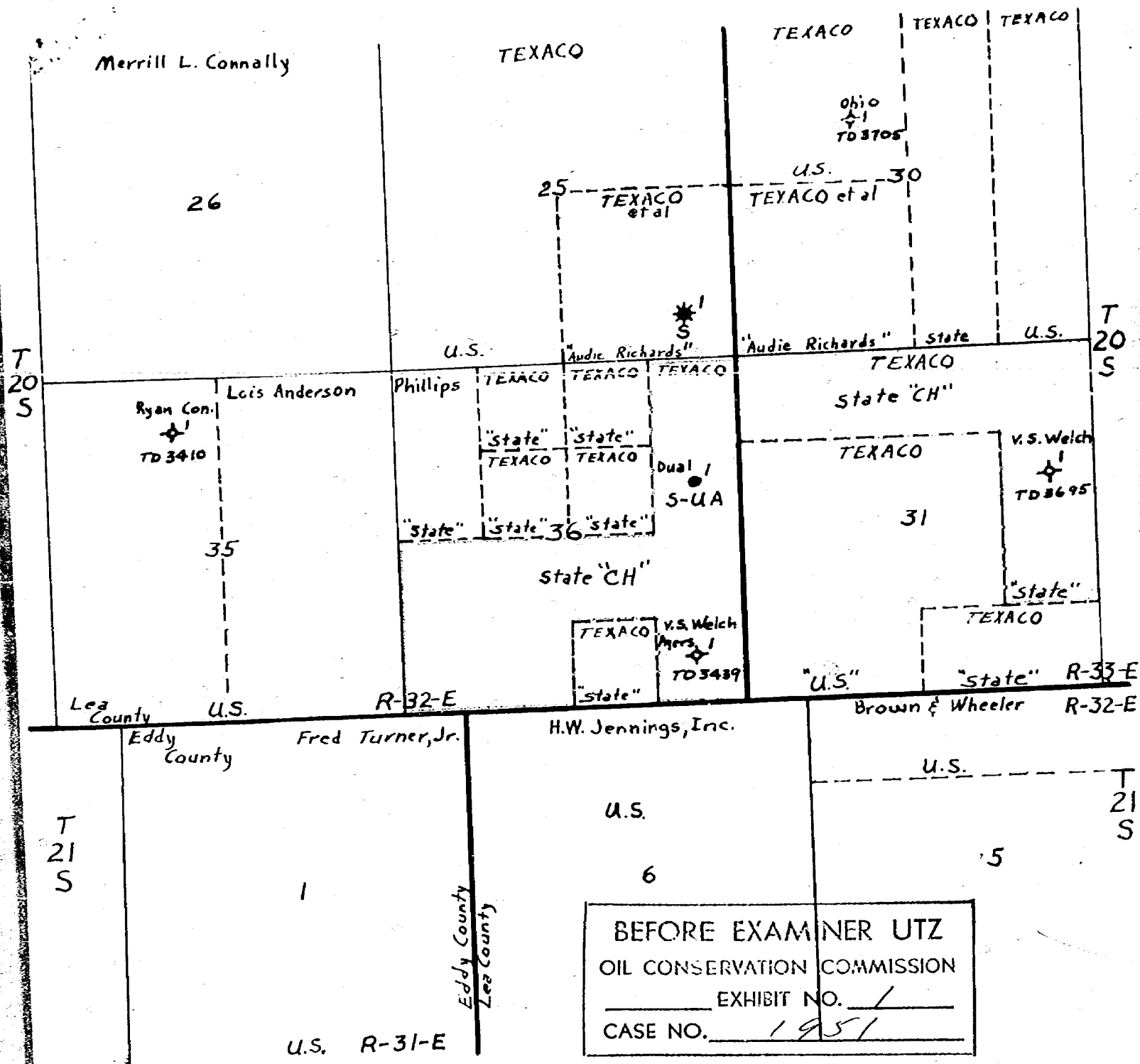
Lois Anderson, c/o Hondo Oil and Gas Corp., P. O. Box 660, Roswell, N. Mex.

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

CERTIFICATE: I, the undersigned, state that I am the Div. Proration Engr. of the TEXACO Inc. (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.

*J. E. Robinson, Jr.*  
J. E. Robinson, Jr. 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 proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



PLAT OF TEXACO INC. STATE OF NEW MEXICO "CH" LEASE  
AND OFFSET LEASES  
Lea County, New Mexico  
Scale: 1" = 2000'  
LMF March 30, 1960

#### LEGEND

S - Salt Lake Penn.,  
South Pool  
UA - Undesignated Atoka  
Pool

#### OFFSET OPERATORS

H. W. Jennings, Inc., P. O. Box 450, Roswell,  
New Mexico  
Fred Turner, Jr., P. O. Box 910, Midland, Texas  
Lois Anderson, c/o Hondo Oil & Gas Corp., P. O.  
Box 660, Roswell, New Mexico

DOCKET: EXAMINER HEARING APRIL 27, 1960

Oil Conservation Commission - 9 a.m., Mabry Hall, State Capitol, Santa Fe

The following cases will be heard before Elvis A. Utz, Examiner, or Oliver E. Payne, Attorney, as alternate examiner:

- CASE 1942: Application of Continental Oil Company for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of the Jicarilla Well No. 28-1, located in the NW/4 SE/4 of Section 28, Township 25 North, Range 4 West, Rio Arriba County, New Mexico, in such a manner as to permit the production of oil from the Gallup formation and the production of oil from the Dakota formation through parallel strings of tubing.
- CASE 1927: (Continued)  
Application of J. W. Brown for the establishment of special rules and regulations governing the Brown Pool in Chaves County, New Mexico, to provide for 2½-acre spacing in said pool.
- CASE 1943: Application of Gulf Oil Corporation for a dual completion and for an exception to the tubing requirements of Rule 107. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Apache-Federal Well No. 8, located in Unit D, Section 8, Township 24 North, Range 5 West, Rio Arriba County, New Mexico, in such a manner as to permit the production of gas from the Otero-Gallup Oil Pool and the production of gas from the Dakota Producing Interval through the casing-tubing annulus and the tubing respectively. Applicant further seeks an exception to certain tubing requirements set forth in Rule 107 of the Commission's Rules and Regulations.
- CASE 1944: Application of Great Western Drilling Company for establishment of a 200-acre non-standard gas proration unit in the Eumont Gas Pool. Applicant, in the above-styled cause, seeks an order establishing a 200-acre non-standard gas proration unit in the Eumont Gas Pool consisting of the E/2 NE/4 of Section 32 and the E/2 NW/4 and NW/4 NW/4 of Section 33, all in Township 19 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to its Bordages Well No. 1 located 330 feet from the North line and 270 feet from the West line of said Section 33.

CASE 1945: Application of Permian Oil Company for an order force-pooling the interests in a 320-acre unit in the Dakota formation. Applicant, in the above-styled cause, seeks an order force-pooling all Dakota formation mineral interests in the 320 acres comprising the E/2 of Section 5, Township 30 North, Range 13 West, San Juan County, New Mexico, the non-consenting mineral interest owners being Raymond H. Walker and Edith Walker, 1250 South Figueroa Street, Los Angeles, California, and Norman Roybark and Rose Ella Roybark, address unknown.

CASE 1946: Application of J. R. Cone for an exception to the over-production shut-in provisions of Order R-520, as amended by Order R-967, for two wells in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks an order allowing the following-described wells in the Jalmat Gas Pool to compensate for their overproduced status without being completely shut-in in order to prevent possible waste:

Mobil-Myers Well No. 4, Unit I, Section 22

Pan American-Myers Well No. 1, Unit H, Section 22

both in Township 24 South, Range 36 East, Lea County, New Mexico.

CASE 1947: Application of Phillips Petroleum Company for the establishment of two 80-acre non-standard oil proration units and one unorthodox oil well location. Applicant, in the above-styled cause, seeks an order establishing two 80-acre non-standard oil proration units in the Kemnitz-Wolfcamp Pool, Lea County, New Mexico, each consisting of a portion of the S/2 of Section 25, Township 16 South, Range 33 East. Applicant further seeks approval of an unorthodox oil well location in said Kemnitz-Wolfcamp Pool, the location to be in the center of the NW/4 SE/4 of said Section 25.

CASE 1948: Application of Humble Oil & Refining Company for authority to commingle the production from several separate leases and for approval of an automatic custody transfer system to handle said commingled production. Applicant, in the above-styled cause, seeks permission to commingle the Empire-Abo Pool production from certain leases in Sections 4, 8, 9, 16 and 17, Township 18 South, Range 27 East, Eddy County, New Mexico, all of such leases being in the Chalk Bluff Draw Unit. Applicant also seeks approval of an automatic custody transfer system to handle said Empire-Abo Pool production from all wells presently completed or hereafter drilled on said leases.

Docket No. 12-60

- CASE 1949: Application of Trice Production Company for approval of a "slim-hole" completion. Applicant, in the above-styled cause, seeks an order authorizing the "slim-hole" completion of its Four Lakes State Well No. 1, located in the NE/4 NW/4 of Section 11, Township 12 South, Range 34 East, Lea County, New Mexico, to be completed in either the Pennsylvanian or Wolfcamp formation at a minimum total depth of 10,000 feet.
- CASE 1950: Application of Sinclair Oil & Gas Company for permission to commingle the production from two separate leases. Applicant, in the above-styled cause, seeks permission to commingle the West Teas Pool production from its State Lea 886 lease consisting of the S/2 NW/4 and N/2 NE/4 of Section 16 with the West Teas Pool production from that portion of its State Lea 6019 lease consisting of the NW/4 NW/4 and SE/4 of said Section 16, all in Township 20 South, Range 33 East, Lea County, New Mexico.
- CASE 1951: Application of Texaco Inc. for a gas-gas dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of the State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Atoka gas pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of tubing.
- CASE 1952: Application of Texaco Inc. for establishment of a 476-acre non-standard gas proration unit in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks the establishment of a 476-acre non-standard gas proration unit in the Jalmat Gas Pool consisting of the N/2 of Section 4 and the NE/4 of Section 5, Township 24 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the E. D. Fanning Well No. 6, to be located 660 feet from the North and West lines of said Section 4.
- CASE 1953: Application of Keohane, Saunders, Welch and Iverson for an unorthodox oil well location. Applicant, in the above-styled cause, seeks approval of an unorthodox oil well location for its Hinkle-Federal Well No. 7-B in the Shugart Pool at a point 330 feet from the South line and 2329 feet from the East line of Section 35, Township 18 South, Range 31 East, Eddy County, New Mexico.



- CASE 1954: Application of Shell Oil Company for approval of 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 production from the Saunders (Permo-Pennsylvanian) Pool from all wells presently completed or hereafter drilled on the State A lease comprising the E/2 of Section 34, Township 14 South, Range 33 East, Lea County, New Mexico.
- CASE 1955: Application of Shell Oil Company for approval of 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 production from the Monument Pool from all wells presently completed or hereafter drilled on the State B lease comprising the NW/4 of Section 36, Township 19 South, Range 36 East, Lea County, New Mexico.
- CASE 1956: Application of Shell Oil Company for approval of 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 production from the Townsend-Wolfcamp Pool from all wells presently completed or hereafter drilled on the State ETA lease comprising all of Section 8, Township 16 South, Range 35 East, Lea County, New Mexico.
- CASE 1957: Application of Shell Oil Company for approval of 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 production from the Denton (Devonian) Pool from all wells presently completed or hereafter drilled on the Priest lease comprising the N/2 of Section 1, Township 15 South, Range 37 East, Lea County, New Mexico.

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 5-2-60

CASE

1951

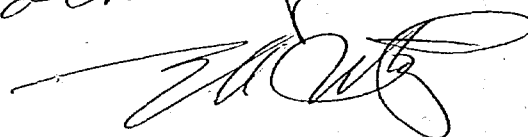
Hearing Date

4-27-60

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

Grant Texaco's request for an ~~oil~~-  
Gas - Gas Dual in the Under. Atoka and  
Salt Lake - Perm pools.

1. Two strings of  $2\frac{3}{4}$  tubing will be used
2. Formations will be separated by a  
Baker Model "D" packer.
3. Usual Dual order otherwise,



OIL CONSERVATION COMMISSION  
P. O. BOX 871  
SANTA FE, NEW MEXICO

May 9, 1960

Mr. Charlie White  
P. O. Box 787  
Santa Fe, New Mexico

Dear Mr. White:

On behalf of your client, Texaco Inc., we enclose  
two copies of Order R-1664 in Case 1951 and Order  
R-1665 in Case 1952 issued by the Oil Conservation  
Commission this date.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ir/

Enclosures: (4)

C  
O  
P  
Y

OIL CONSERVATION COMMISSION  
P. O. BOX 871  
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Enclosures: (4)

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BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
APRIL 27, 1960

EXAMINER HEARING

IN THE MATTER OF:

Application of Texaco Inc. for a gas-gas dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of the State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Atoka gas pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of tubing.

Case  
1951

BEFORE:

Elvis A. Utz, Examiner.

TRANSCRIPT OF PROCEEDINGS

MR. UTZ: Case 1951.

MR. PAYNE: Application of Texaco Inc. for a gas-gas dual completion.

MR. WHITE: Charles White, Gilbert, White & Gilbert, appearing on behalf of the applicant. We have one witness, Mr. Herb Wade, to be sworn.

MR. UTZ: Let the record show that Mr. Wade was sworn for Case 1951 and 1952.

(Witness sworn.)

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

HERB WADE,

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

DIRECT EXAMINATION

BY MR. WHITE:

Q You are Mr. Herb Wade?

A Yes, sir.

Q And by whom are you employed?

A By Texaco Inc.

Q In what capacity?

A Division Economics Engineer.

Q Have you previously testified before the Commission?

A Yes, sir; I have.

Q And have your qualifications been accepted?

A Yes, sir.

Q Are you familiar with Texaco's New Mexico "CH" Lease?

A Yes.

Q And is it within any recognized area?

A Yes; it is in the Little Eddy Unit, approved in Order R-862 on August 30, 1956, Case No. 1117.

Q And what is the purpose of this application?

A The purpose of this applicatinn is to obtain approval of a dual completion between an undesignated Atoka zone in this well and the Salt Lake-Pennsylvanian South zone in the well.



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Q Is that a gas-gas dual?

A Yes, sir; it is.

Q Will you refer to Exhibit 1, an ownership plat, and explain it to the Examiner, please?

A Yes, sir. Exhibit 1 is an ownership map with Texaco's State "CH" Lease outlined in yellow.

Q I ask at this point, is this the same plat that was filed with the application, or should there be a change?

A This is the same plat. The only change that should be made is that the plat filed with the application did not include the acreage shown in Section 31, Township 20 South, Range 33 East, and should have.

Q That should have been outlined in yellow?

A Yes, sir; it should.

Q Continue, please.

A The legend at the bottom of the sheet indicates the zones of interest for this application. It will be noted that the only other Salt Lake-Pennsylvanian South Pool well is Texaco's Audie Richards No. 1, located in Section 25, Township 20 South, Range 33 East, and directly north of the subject well. This well, also, that is, the Audie Richards, is within the Little Eddy Unit boundaries.

Q This also shows the undesignated Atoka Pool?

A Yes, sir; it does. That is a part of the legend. Off-



set operators are listed on the base of the plat.

Q Now, will you refer to Exhibit 2 and explain that diagrammatic sketch?

A Exhibit 2 is a diagrammatic sketch of the proposed dual completion installation. I might point out here that there is one slight change that has occurred since the filing of the application, a copy of which diagrammatic sketch was attached to that application, and it is this: the packer, Baker Model FA packer, 11,284 feet on the application sketch, has been left in the hole, but is not being utilized. A packer, also a Baker Model FA packer at 11,276 is the effective packer in the hole. Otherwise, this remains as indicated on our application.

Q In other words, the Exhibit attached to the application was the proposed installation, and Exhibit 2 is the actual installation?

A Yes, sir; that is correct. Just in general, running down what the sketch shows, we have 20-inch casing set at 1198 feet with cement circulated; 13 3/8 inch casing set at 2859 feet, cement also circulated; 9 5/8 casing at 8200 feet with two-stage tube at 4974 feet, cement circulated on that two-stage on the second stage. We then have 2 3/8 inch O.D. hydraulic tubing set in the dual zone flow tube to handle the Atoka gas. We have a Baker dual zone flow tube which is set in the Baker Model FA packer previously discussed at 11,276 feet. This packer is set in

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7-inch casing at 11,422 with the two-stage tube at 8715. The top of the cement on this second stage cement job on the 7-inch is at 7775. We have 2 3/8 inch O.D. OEU tubing to 13,011 feet to handle the Morrow gas. The top of the Atoka is at 12,640 and its base is at 12,654. Those are the perforated intervals also shown on our sketch as the tops and base of the formation. I might point out that opposite the Atoka interval, on the 2 3/8 O.D. OEU tubing is a glass-wrapped and plastic-coated section to eliminate the abrasive effect of the Atoka gas being produced against this tubing string. There is also an Otis sliding valve immediately above the Baker Model D packer. That sliding valve is in the 2 3/8 tubing and the Model D packer set 12,999 to separate the Atoka and Morrow intervals. The Morrow is perforated from 13242 to 13266, and from 13,292 to 13,307. There is a bridge plug at 13,620. The only other pertinent information is a 5-inch liner set from 11,304 to 14,724. This liner is cemented around the shoe with 400 sacks of 2 per cent gel cement. The top of cement, 11,740, but the top of the liner was squeezed with 200 additional sacks of cement to obtain a seal at that point.

Q Mr. Wade, will you explain Exhibit 3, please?

A Exhibit No. 3 is a radioactivity log of the subject well. On this log are the intervals outlined that have been perforated in this well. As indicated, they are from 12,640 to 12,654 in the Atoka, and the two intervals previously discussed opened in the



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Morrow.

Q Have you completed your packer leakage test?

A No, sir; we haven't started them. We have just, in fact, completed the well. We were not going to do any additional completion work or testing until we got our well opened into pipe connections.

Q And the Commission will be furnished the results of these tests as soon as they are taken?

A Yes, sir.

Q Has the differential of the bottomhole pressures been determine as yet?

A No, sir; we haven't done that, either. We do have some information. We have taken some gas-oil ratio tests. On 4/1/60, 24-hour test, Morrow zone, the well flowed 114 barrels of 53.4 degree API condensate through 1-inch choke with a GOR of 30,930 to 1. Flowing tube pressure on this test, 500 PSI. On a test taken 4/11/60 the well, Atoka zone, flowed 49 barrels, 47.6 degree API condensate in 24 hours through a 22/64-inch choke with a GOR of 92,612 to 1. Its flowing tube pressure during this test, 600 PSI. As regards differential pressure, which we feel is representative across the packer in this instance, I have some information concerning the shut-in tubing pressures of the two zones. It is the only information we have. On April 7, the Atoka zone, after being shut-in for 15 hours had a tubing pressure 63.50 PSI; the Morrow



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zone, at the same time, after having been shut-in also for 15 hours had a tubing pressure of 43.90. On April 8 the Atoka was opened to flow for 16 hours and had a flowing tubing pressure of 750 PSI; the Morrow, during this test, held steady at 4350. On April 10 the Atoka had a 5500 PSI tubing pressure after having been shut-in for ten hours. The Morrow, still shut-in, had a 4350 PSI, tubing pressure. On the 11th of April, with the Atoka flowing for 20 hours with a flowing tubing pressure 700 PSI, the Morrow continued to hold 4350 PSI. Although this is not conclusive information, we do think that it indicates that not only is there differential pressure of unusual amounts across the packers, which would be detectable under leakage circumstances, but also that the packers are not leaking. There seems to be no indication of communication.

Q Have similar types of installations as this you propose been approved in other areas by the Commission?

A Yes. The equipment to be used in this well has been approved in many instances.

Q Were Exhibits 1 through 3 prepared by you or under your direction?

A Yes, sir; they were.

MR. WHITE: We offer Exhibits 1 through 3.

MR. UTZ: Without objection they are accepted.

CROSS-EXAMINATION



DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO

BY MR. UTZ:

Q What types of gas do you have? Do you have sweet gas in each of these?

A Yes, it is my understanding they are sweet.

Q How much pressure has the Model D packer been tested for; how much is it supposed to take in differential?

A Mr. Utz, I don't believe I can tell you. I don't remember.

Q I had the impression it was around 5,000 pounds.

A That is the range I would think it would take, but I don't know that for sure.

Q Do you think there will ever be in excess of 5,000 pounds of differential even when the Atoka is shut in and the Morrow flowing? You have got 6350 surface.

A It could certainly approach it depending on the circumstances of production. It has been our experience in frac work and so forth, in dealing with this type of packer, that the differential exposed during much of the fracture work is not in any way damaging these packers, and in this case here we had performed, as I remember, a 5,000 pound frac job which was imposed across the upper packer without failure. That was a surface pressure.

MR. UTZ: Any other questions of the witness? If not the witness may be excused. Other statements in this case? Case will be taken under advisement.



STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

I, the 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.

*June Lange*  
Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 1951, heard by me on *April 27, 1960*.

*Alvin L. Del* Examiner  
New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DRAFT  
OEP:esr  
May 3

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. 1951

Order No. R-1664

APPLICATION OF TEXACO INC. FOR A  
GAS-GAS DUAL COMPLETION IN AN UN-  
DESIGNATED ATOKA GAS POOL AND IN  
THE SOUTH SALT LAKE-PENNSYLVANIAN  
GAS 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  
April 27, 1960, 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 \_\_\_\_\_ day of May, 1960, 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 sub-  
ject matter thereof.

-2-

CASE No. 1951

Order No. R-\_\_\_\_\_

(2) That the applicant, Texaco Inc., is the owner and operator of the State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, <sup>NMPM</sup> Lea County, New Mexico.

(3) That the applicant proposes to dually complete the said State "CH" Well No. 1 in such a manner as to permit the production of gas from an undesignated Akota Gas Pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of 2 3/8-inch OD tubing.

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

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

IT IS THEREFORE ORDERED:

That the applicant, Texaco Inc., be and the same is hereby authorized to dually complete its State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Atoka Gas Pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of 2 3/8-inch OD tubing.

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 on the anniversary date of the well's completion or as directed 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

-3-  
CASE No. 1951  
Order No. R-\_\_\_\_\_

of correlative rights; upon the failure of the applicant to comply with any requirement of this order, the Commission may terminate the authority hereby 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, -----



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. 1951  
Order No. R-1664

APPLICATION OF TEXACO INC. FOR A  
GAS-GAS DUAL COMPLETION IN AN UN-  
DESIGNATED ATOKA GAS POOL AND IN  
THE SOUTH SALT LAKE-PENNSYLVANIAN  
GAS 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 April 27, 1960, 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 9th day of May, 1960, 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, Texaco Inc., is the owner and operator of the State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico.
- (3) That the applicant proposes to dually complete the said State "CH" Well No. 1, in such a manner as to permit the production of gas from an undesignated Atoka Gas Pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of 2 3/8-inch OD tubing.
- (4) That the mechanics of the proposed dual completion are feasible and in accord with sound conservation practices.
- (5) That approval of the subject application will neither cause waste nor impair correlative rights.

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CASE No. 1951  
Order No. R-1664

IT IS THEREFORE ORDERED:

That the applicant, Texaco Inc., be and the same is hereby authorized to dually complete its State "CH" Well No. 1, located in Unit H, Section 36, Township 20 South, Range 32 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of gas from an undesignated Atoka Gas Pool and the production of gas from the South Salt Lake-Pennsylvanian Gas Pool through parallel strings of 2 3/8-inch OD tubing.

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

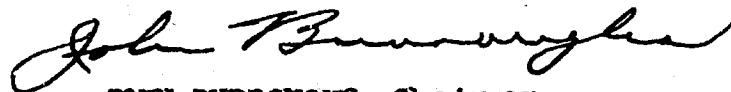
PROVIDED FURTHER, That the applicant shall take packer-leakage tests upon completion and annually thereafter on the anniversary date of the well's completion or as directed by the Secretary-Director of the Commission.

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

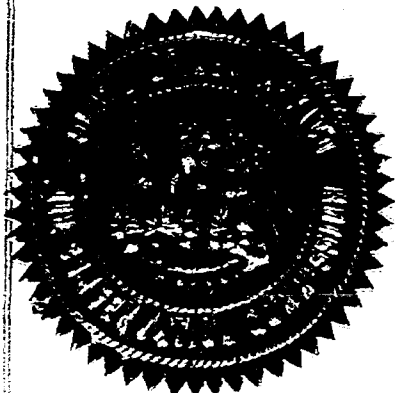
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
JOHN BURROUGHS, Chairman

  
MURRAY E. MORGAN, Member

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



esr/