

18  
CASE 1830: Application of TEXACO INC.  
for an oil-oil deal of its United  
Royalty "A" Well No. 3 in Unit F.

18  
from 4B

Case No.

1830

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Application, Transcript,  
Small Exhibits, Etc.



BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
December 11, 1959  
EXAMINER HEARING

-----  
IN THE MATTER OF: )

Application of Texaco Inc. for an oil-oil dual )  
completion. Applicant, in the above-styled )  
cause, seeks an order authorizing the dual )  
completion of its United Royalty "A" Well No. )  
3 located in Unit F, Section 19, Township 24 )  
South, Range 38 East, Lea County, New Mexico, )  
in such a manner as to permit the production )  
of oil from the Dollarhide-Queen Pool and the )  
production of oil from the Dollarhide-Drinkard )  
Pool through parallel strings of tubing. )

) Case 1830

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IN THE MATTER OF: )

Application of Texaco Inc. for an oil-oil dual )  
completion. Applicant, in the above-styled )  
cause, seeks an order authorizing the dual )  
completion of its United Royalty "A" Well No. )  
4, located in Unit K, Section 19, Township 24 )  
South, Range 38 East, Lea County, New Mexico, )  
in such a manner as to permit the production of )  
oil from the Dollarhide-Queen Pool and the pro- )  
duction of oil from the Dollarhide-Drinkard )  
Pool through parallel strings of tubing. )

) Case 1831

-----  
BEFORE:

Mr. Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: We will take next Case 1830.

MR. PAYNE: Case 1830: Application of Texaco Inc.  
for an oil-oil dual completion.

MR. WHITE: If the Examiner please, Charles White of  
Gilbert, White and Gilbert, appearing on behalf of the Applicant,

DEARNLEY-MEIER REPORTING SERVICE, Inc.

PHONE CH 3-6691

ALBUQUERQUE, NEW MEXICO



DEARNLEY-MEIER REPORTING SERVICE, Inc.

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Texaco Inc. If it please the Examiner, we would like to consolidate the cases for the purpose of the hearing.

MR. NUTTER: Is there objection to consolidation of the Cases 1830 and 1831?

MR. PAYNE: For the purposes of taking testimony?

MR. WHITE: That's right.

(Applicant's Exhibits 1-A through 4-A, and 1-B through 4-B marked for identification.)

MR. WHITE: May the record show that the Exhibits 1-A through 4-A are in reference to Case 1831; and Exhibits 1-B through 4-B are in regard to Case No. 1830.

JOSEPH E. ROBINSON, JR.

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

DIRECT EXAMINATION

BY MR. WHITE:

Q Mr. Robinson, will you state your full name, please?

A Joseph E. Robinson, Jr.

Q By whom are you employed and in what capacity?

A Texaco Inc. as a petroleum engineer in our Midland Division Office.

Q Have you previously testified as an expert witness before the Commission or its Examiners?

A Yes, sir.

Q Will you briefly state what the purpose of the two



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applications are in Cases 1830 and 1831?

A The purpose of this application is for dual oil-oil permits for Texaco's "A" United Royalty Well No. 3 and Well No. 4. The purpose of this hearing is to gain permission to develop the Queen formation in wells that we consider to be prospective.

Q These two reservoirs have been previously dualled in this area?

A No, sir, they haven't.

Q Will you refer to what's been marked as Exhibit 1-A and Exhibit 1-B and explain those two exhibits to the Commission, please?

A Exhibit 1-A is a plat of the area showing Texaco's United Royalty "A" lease outlined in yellow, with the proposed well to be dually completed circled in red. The two plats are identical, with the exception that one plat has a Well No. 4 circled and the other plat has Well No. 3 circled.

It shows that Texaco's United Royalty "A" Wells 1 and 2 are completed in the Dollarhide-Queen Pool. Presently Texaco's Wells 3, 4 and 5 on the United Royalty "A" lease are completed in the Dollarhide-Drinkard Pool. It also indicates the offsetting leases with the wells as noted on the legend as to what they are completed in.

You will note that on Wells No. 3 and 4, we are not offset by Queen production other than our United Royalty Well No. 1, which is an offset to Well No. 4. But these, the Queen pay in



these locations is considered to be productive.

Q Will you now refer to what's been marked Exhibits 2-A and B and explain those diagramatic sketches?

A Exhibit 2-A is a schematic diagram sketch showing the proposed dual completion installation. United Royalty "A" Well No. 4 has 13-3/8 inch casing set at 352 feet with the cement circulated; the 8-5/8 inch casing was set at 3250 with the cement circulated. The well was drilled to a total depth of 6855 feet, with 5-1/2 casing set at total depth and cemented with 400 sacks of cement. The calculated top of the cement is at 5200 feet. The well is completed in the Drinkard formation through the perforated intervals 6626 to 6670, and 6704 to 6726. The well is currently flowing approximately 40 barrels of oil per day and four barrels of water per day, with a gas-oil ratio of 2533 cubic feet per barrel.

When the long string was cemented, we did not cement it with a sufficient amount of cement to cover the proposed completion in the Queen pay. What we propose to do is to perforate the 5-1/2 casing at 4,000 feet, establish circulation, and cement with 150 sacks. Then we will follow up with block squeezes by perforating at 3770 below the Queen pay, and block squeeze with 50 sacks of cement. Then we will perforate at 3680 and block squeeze with an additional 50 sacks of cement. We then plan to perforate the Queen from 3696 to 3702, and 3710 to 3726, and 3731 to 3760. We will set a Baker Model "D" Permanent Production Packer at 6540; we will

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run a combination string of 2-1/16 inch O.D. Hydril tubing to 3690, and then from 3690 to 6600, we will run 2-3/8 inch O.D. upset tubing to produce the Drinkard pay through this combination string. We will then run a string of 2-1/16 inch Hydril to 3690 and latch it into a Baker parallel latching sub which will be located at 3690.

Exhibit No. 2-B is also a diagramatic sketch showing the proposed dual completion. It is identical with the Exhibit 2-A for Well No. 4, with the exception of some of the perforations and the depths. The 13-3/8 inch casing was set at 389 feet, with cement circulated. The 8-5/8 inch casing was set at 4245 with the cement circulated. It was drilled to a total depth of 6875 with 5-1/2 inch casing set at 6875 with 400 sacks. The calculated cement top in this well is at 5200 feet, also. As in the other case, the well was also cemented with insufficient cement to cover the Queen pay, and therefore we plan to perforate the 5-1/2 casing at 4,000 feet and cement with 150 sacks, and then follow up with block squeezes of 50 sacks each at 3785 and 3695. We will then perforate 3707 to 3714, 3720 to 3736, and 3740 to 3773 through selected perforations. We will set a Baker Model "D" Permanent Type Production Packer at 6530. We will run a combination string of 2-1/16 inch O.D. Hydril set at 3700 and 2-3/8 O.D. upset tubing from 3700 to 6600 to produce the Drinkard formation through. We will then run a string of 2 and 1/16th inch Hydril to be set and latched into a Baker parallel latching sub at 3700 feet from which we will produce the Queen pay through.





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Q Will you state to the Examiner the characteristics of these crudes and in so doing refer to Exhibits 3-A and B?

A Exhibit 3-A is the production characteristics for Well No. 4. The Queen zone has a sour-type crude. It has a weighted gas-oil ratio from our two Queen wells of 1624 cubic feet per barrel. It has an API gravity corrected at 60 degrees of 34 degrees with a bottomhole pressure of 450 pounds.

The Drinkard zone has an intermediate sweet-type crude with a gas-oil ratio in Well No. 4 of 2533. It has a gravity of 38 degrees and a bottomhole pressure of 779 pounds.

Exhibit 3-B is for Well No. 3 and it is identical to Exhibit 3-A with the exception that for the Drinkard zone the gas-oil ratio is 1780 cubic feet per barrel for Well No. 3. Since the Queen zone is a sour crude and is corrosive, in the past we have had a corrosion inhibitor program and we intend to start out initially treating the Queen pay with corrosion inhibitors. We will have a chemical pump and inject a corrosion inhibitor down the tubing casing annulus where it will be circulated and pumped to the surface.

The Drinkard zone has an intermediate sweet type crude. We have conducted coupon tests in the past and have had little, if any, corrosion, and we do not expect to have any corrosion in these wells in the future. However, we will continue with our coupon testing and should corrosion start occurring, we will then use an inhibitor squeeze-type program to alleviate any



corrosion problems.

Q Now will you refer to your radioactive logs marked 4-A and B, and explain them, please?

A Exhibit No. 4-A is a radioactive log of Texaco's United Royalty "A" No. 4. It has the top of the Queen pay marked at 3696, and the bottom of the Queen marked at 3760, with the proposed selective perforations in red. It also shows the top of the Drinkard to be at 6626, and the bottom of the Drinkard at 6726, with the perforations that are presently open in the Drinkard pay.

The Exhibit 4-B is also a radioactive log of Well No. "A" 3. The top of the Queen pay is marked at 3707 feet, with the bottom of the Queen at 3773, with also our proposed selected perforations. The top of the Drinkard is also marked at 6619 and bottom of the Drinkard is at 6671. On these two proposed duals, it is anticipated that both wells, the Queen formation will be produced by pumping. We do not expect either zone in either well to flow.

Q Were these exhibits prepared by you or under your direction?

A Yes, sir, they were.

MR. WHITE: We offer Exhibits 1-A through 4-A, and 1-B through 4-B inclusive, at this time.

MR. NUTTER: Exhibits 1-A through 4-A, and 1-B through 4-B will be entered in evidence.

MR. WHITE: That's all the testimony we have of Mr.

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Robinson on direct.

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

MR. FLINT: Are there any paraffin problems in either of these zones?

A No, sir, not to my knowledge.

MR. NUTTER: The witness may be excused.

(Witness excused.)

MR. NUTTER: Do you have anything further, Mr. White?

MR. WHITE: No, sir, not at this time.

MR. NUTTER: Does anyone have anything for Case 1830 or 1831? We'll take the cases under advisement.

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ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

I, ADA DEARNLEY, 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 stehotype, 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 26th day of December, 1959, 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 and correct transcript of the proceedings in  
the case of *850-1831*  
heard by me on *12-11*, 19*59*.

*James*, Examiner  
New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, NEW MEXICO

PHONE CH 3-6691



DOCKET: EXAMINER HEARING DECEMBER 11, 1959

OIL CONSERVATION COMMISSION - 9 a.m., Mabry Hall, State Capitol, Santa Fe, New Mexico.

The following cases will be heard before Daniel S. Nutter, Examiner, or A. L. Porter, Jr., Secretary:

CASE 1804:

(Continued)

Application of Cabot Carbon Company for an oil-oil dual completion and for permission to commingle the production from two separate pools. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its Howard Fleet Well No. 1, located 1980 feet from the South line and 660 feet from the East line of Section 35, Township 13 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Pennsylvanian oil pool and the production of oil from the King-Devonian Pool through parallel strings of 1½-inch tubing. Applicant further seeks permission to commingle the Devonian and Pennsylvanian production from said Howard Fleet Well No. 1.

NEW CASESCASE 1824:

Application of The Atlantic Refining Company for an exception to Rule 104 (c) of the Commission Rules and Regulations. Applicant, in the above-styled cause, seeks an exception to Rule 104 (c) so that it may recomplete in the Denton Wolfcamp Pool its Federal Jones Well No. 2, located 330 feet from the South and East lines of Section 34, Township 14 South, Range 37 East, Lea County, New Mexico, said well being located closer than 660 feet to a well producing from the same common source of supply.

CASE 1825:

Application of Continental Oil Company for an amendment of Order R-1440. Applicant, in the above-styled cause, seeks an order amending Order R-1440 to permit the commingling of Tubb and Blinbry production on its Lockhart A-17 lease in Section 17, Township 21 South, Range 37 East, Lea County, New Mexico, without separate measurement.

CASE 1826:

Application of Continental Oil Company for an amendment of Order R-1445. Applicant, in the above-styled cause, seeks an amendment of Order R-1445 to permit the installation of automatic custody transfer equipment to handle the Delaware production from its Wilder, Payne and Bradley leases in Sections 25, 26 and 35, Township 26 South, Range 32 East, and in Sections 30 and 31, Township 26 South, Range 33 East, Lea County, New Mexico, and for permission to produce more than 16 wells in a common tank battery.

CASE 1827:

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 Learcy McBuffington Well No. 5, located 1650 feet from the South line and 1980 feet from the East line of Section 13, Township 25 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from an undesignated Paddock pool and the production of oil from the Justis-Blinebry Pool through parallel strings of tubing.

CASE 1828:

Application of Francis L. Harvey for an exception to Rule 104 of the Commission Rules and Regulations and for certain exceptions to well completion requirements. Applicant, in the above-styled cause, seeks an order establishing 2 $\frac{1}{2}$ -acre spacing for Mesaverde oil wells in Sections 10, 11, 21, 22, 23 and 33 of Township 18 North, Range 3 West, Sandoval County, New Mexico, in exception to Rule 104. Applicant further proposes certain exceptions to well completion requirements.

CASE 1829:

Application of John M. Kelly for an exception to the overproduction shut-in provisions of Order R-520, as amended by Order R-967, for one well in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks an order allowing its Shahan Well No. 3 in the SW/4 NE/4 of Section 33, Township 25 South, Range 37 East, Jalmat Gas Pool, Lea County, New Mexico, to compensate for its overproduced status without being completely shut-in in order to prevent possible waste.

CASE 1830:

Application of Texaco Inc. for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its United Royalty "A" Well No. 3 located in Unit F, Section 19, Township 24 South, Range 38 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of tubing.

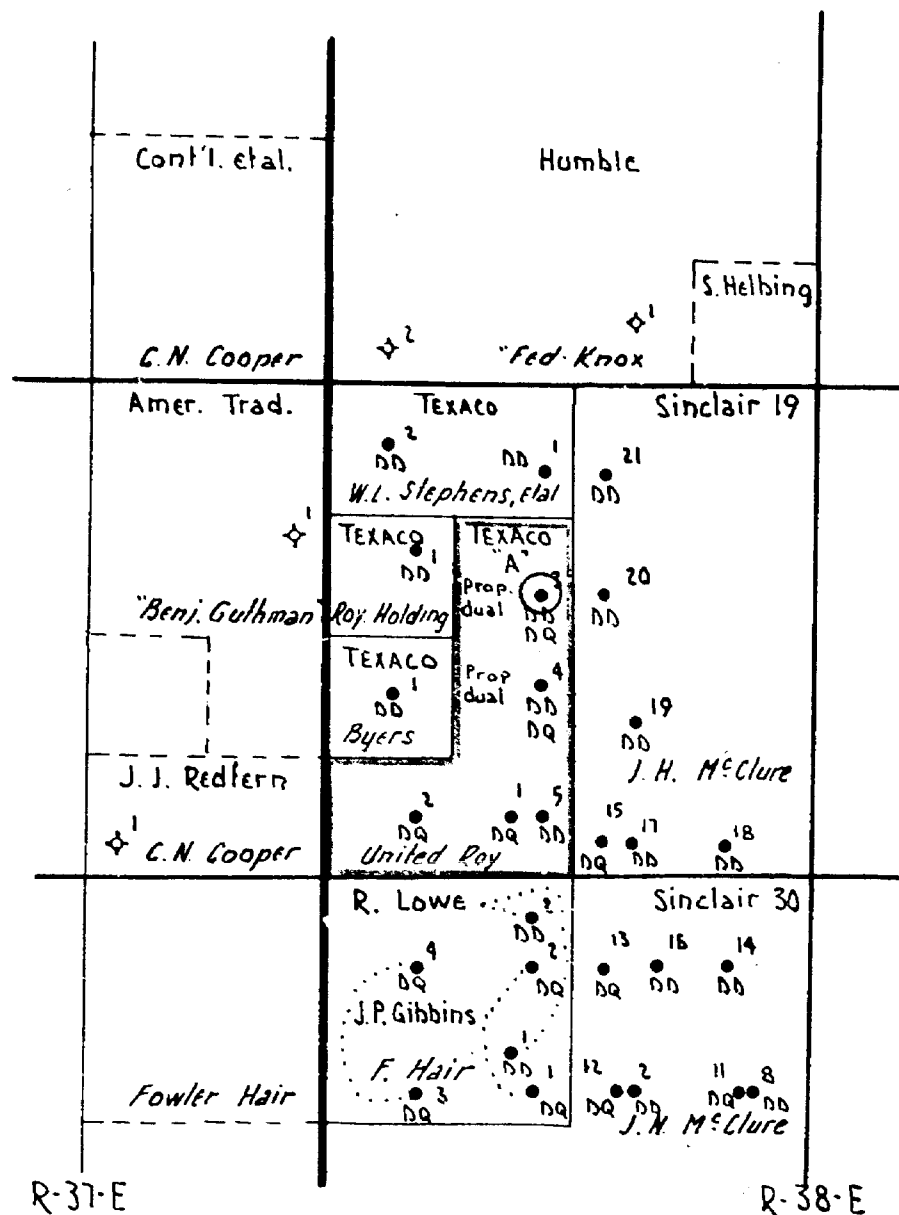
CASE 1831:

Application of Texaco Inc. for an oil-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its United Royalty "A" Well No. 4, located in Unit K, Section 19, Township 24 South, Range 38 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of tubing.

CASE 1832:

Application of Jal Oil Company for an exception to the overproduction shut-in provisions of Order R-520, as amended by Order R-967, for one well in the Jalmat Gas Pool. Applicant, in the above-styled cause, seeks an order allowing the following-described well in the Jalmat Gas Pool to compensate for its overproduced status without being completely shut-in in order to prevent possible waste:

Watkins Well No. 2, SE/4 NE/4 of Section 25,  
Township 24 South, Range 36 East, Lea County,  
New Mexico.



PLAT OF TEXACO INC. UNITED ROYALTY "A" LEASE & OFFSET LEASES  
LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'  
DATE: 11/2/59  
LMP - DDD

#### LEGEND

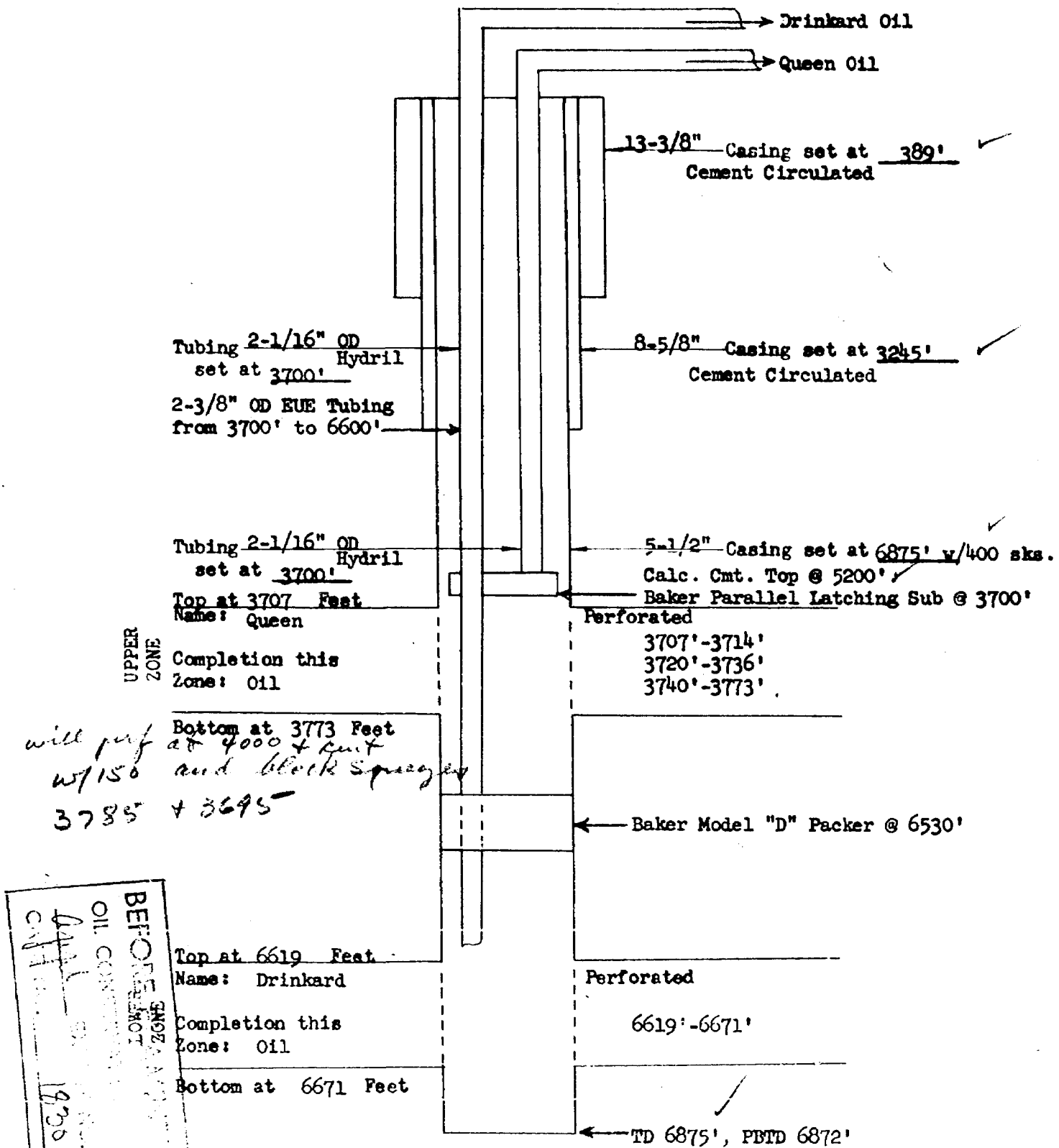
DD—Dollarhide Drinkard Pool  
DQ—Dollarhide Queen Pool

#### OFFSET OPERATORS

Ralph Lowe—Box 832—Midland, Texas  
J.J. Redfern, Jr.—Box 1747—Midland, Texas  
American Trading & Prod. Corp.—Box 992—Midland, Tex.  
Sinclair Oil & Gas Co.—Box 1470—Midland, Texas  
J. P. Gibbins—Box 1032—Midland, Texas

BEFORE EXAMINED MUTTER  
OIL CONSERVATION COMMISSION  
OFFICE NO. 1-4  
CASE NO. 1830

DIAGRAMMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION  
PROPOSED



BEFORE  
OIL COMPLETION  
APR 1959  
2-3

COMPANY: TEXACO Inc.  
LEASE: United Royalty "A" Well No. 3  
FIELD: Dollarhide Drinkard and Dollarhide Queen  
DATE: November 2, 1959



TEXACO Inc.

UNITED ROYALTY "A" WELL NO. 3  
Unit F, Sec. 19, T-24-S, R-38-E  
Lea County, New Mexico

PRODUCTION CHARACTERISTICS

<u>Item</u>	<u>Queen Zone</u>	<u>Drinkard Zone</u>
Type of Crude	Sour	Intermediate Sweet
GOR (ft <sup>3</sup> /bbl.)	1624*	1780 (Well No. 3)
Gravity (°API)	34	38
BHP (PSI)	450**	779**

\* Weighted average of the two Queen wells on the lease.

\*\* Based on pressures taken in November, 1958.

BEFORE EXAMINER NUTTER
CR. COM. WITH COMMISSION
<i>Deposited</i> EXHIBIT NO. <u>3-1</u>
CASE NO. <u>1830</u>

JERjr-DL  
12-10-59

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. 1830  
Order No. R-1551

APPLICATION OF TEXACO INC. FOR  
AN OIL-OIL DUAL COMPLETION IN  
THE DOLLARHIDE-QUEEN POOL AND  
THE DOLLARHIDE-DRINKARD POOL  
IN LEA COUNTY, NEW MEXICO

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 11, 1959, 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 16th day of December, 1959, 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, Texaco Inc., is the owner and operator of the United Royalty "A" Well No. 3, located in Unit F of Section 19, Township 24 South, Range 38 East, NMPM, Lea County, New Mexico.
- (3) That the applicant proposes to dually complete the above-described United Royalty "A" Well No. 3 in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of 2-1/16 inch OD tubing.
- (4) That 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.

-2-

Case No. 1830  
Order No. R-1551

IT IS THEREFORE ORDERED:

That the applicant be and the same is hereby authorized to dually complete its United Royalty "A" Well No. 3, located in Unit F of Section 19, Township 24 South, Range 38 East, NMPA, Lea County, New Mexico, in such a manner as to permit the production of oil from the Dollarhide-Queen Pool and the production of oil from the Dollarhide-Drinkard Pool through parallel strings of 2-1/16 inch OD tubing.

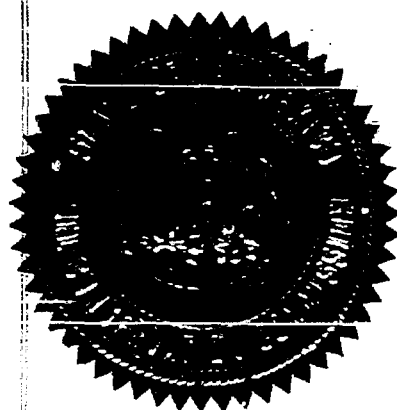
PROVIDED HOWEVER, That applicant shall complete, operate, and produce said well in accordance with the provisions of Section V, Rule 112-A.

PROVIDED FURTHER, That applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Dollarhide-Drinkard Pool.

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

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*John Burroughs*  
JOHN BURROUGHS, Chairman

*Murray E. Morgan*  
MURRAY E. MORGAN, Member

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

vom/

Case 1830  
RECEIVED  
NOV 10 1959

GILBERT, WHITE AND GILBERT  
ATTORNEYS AND COUNSELORS AT LAW  
BISHOP BUILDING  
SANTA FE, NEW MEXICO

CARL H. GILBERT  
L. C. WHITE  
WILLIAM W. GILBERT  
SUMNER S. KOCH  
EDWIN E. PIPER, JR.

November 9, 1959

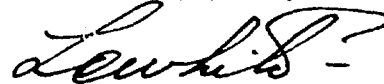
New Mexico Oil Conservation Commission  
Capitol Building  
Santa Fe, New Mexico

Gentlemen:

Enclosed please find original and two copies of Application of Texaco Inc. to dually complete its Well No. 3 and a similar Application to dually complete its Well No. 4 to produce oil from the Dollarhide Queen Pool and oil from the Dollarhide Drinkard Pool in Section 19, Township 24 South, Range 38 East, Lea County, New Mexico.

It would be appreciated if these dual completion applications could be heard at the same hearing.

Very truly yours,



L. C. WHITE

LCW:LG

Enclosures-6

Recket Mail  
Nov. 30, 1959

# NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

## APPLICATION FOR DUAL COMPLETION

Field Name		Dollarhide Drinkard and Dollarhide Queen		County	Lea	Date	November 2, 1959
Operator		TEXACO Inc.		Lease	United Royalty "A"		
Location of Well	Unit	Section	Township	Range			
	F	19	24-S	38-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	Queen	Drinkard
b. Top and Bottom of Pay Section (Perforations)	3707'-3714') 3720'-3736') Proposed 3740'-3773')	6619'-6671'
c. Type of production (Oil or Gas)	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift (Expected)	Artificial Lift

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.

Ralph Lowe, Box 832, Midland, Texas

J. J. Redfern, Jr., Box 1747, Midland, Texas

American Trading Production Corporation, Box 992, Midland, Texas

Sinclair Oil and Gas Company, Box 1470, Midland, Texas

J. P. Gibbins, Box 1032, Midland, Texas

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 \_\_\_\_\_.

\* Will be presented at hearing.

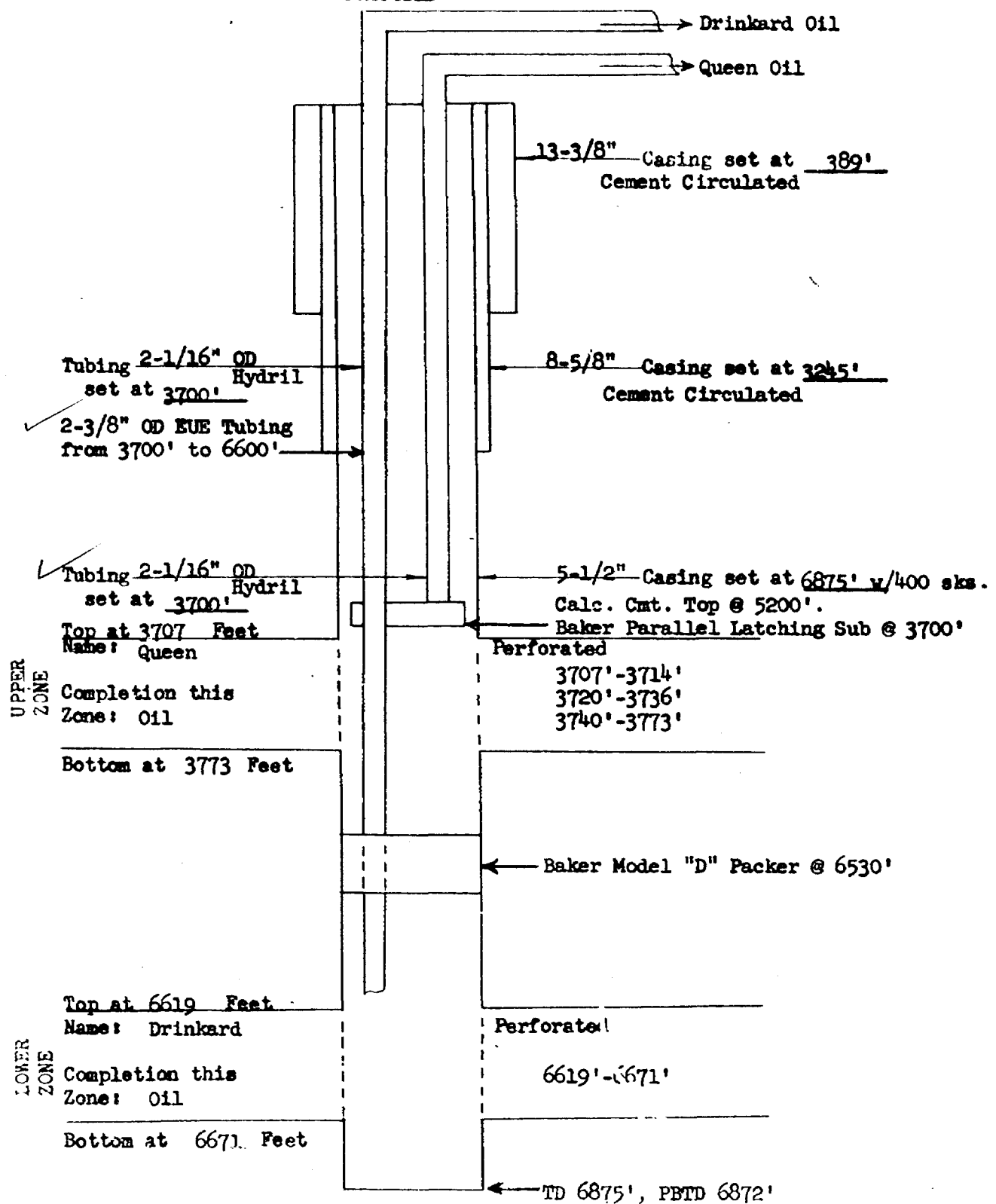
CERTIFICATE: I, the undersigned, state that I am the Division Proration Engr. of the TEXACO Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

*Lew H. Wade*  
H. N. Wade 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.

# DIAGRAMMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION

PROPOSED



COMPANY: TEXACO Inc.

LEASE: United Royalty "A" Well No. 3

FIELD: Dollarhide Drinkard and Dollarhide Queen

DATE: November 2, 1959