

WILLIAM H. WILSON, New County, N.M.

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Casa No.

1677

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Application, Transcript,  
Small Exhibits, Etc.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

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June 1, 1959

Mr. Charlie White  
Box 787  
Santa Fe, New Mexico

Dear Mr. White:

On behalf of your client, Texaco, Inc., we enclose  
two copies of Order No. R-1409 issued May 28, 1959,  
by the Oil Conservation Commission in Case No. 1677.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

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Enclosures

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. 1677  
Order No. R-1409

APPLICATION OF TEXACO, INC.,  
FORMERLY THE TEXAS COMPANY,  
FOR AN OIL-GAS DUAL COMPLETION  
IN THE PADDOCK POOL AND IN THE  
BLINEBRY FORMATION ADJACENT TO  
THE BLINEBRY 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 May 20, 1959, at Santa Fe, New Mexico, before E. J. Fischer, 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 28<sup>th</sup> day of May, 1959, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, E. J. Fischer, 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 V. M. Henderson Well No. 2, located 660 feet from the North line and 660 feet from the East line of Section 30, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

(3) That the applicant proposes to dually complete the above-described V. M. Henderson Well No. 2 in such a manner as to permit the production of oil from the Paddock Pool through a crossover assembly and thence through 2-7/8 inch OD tubing and the production of gas from the Blinebry formation adjacent to the Blinebry Gas Pool through 2-inch tubing to a crossover assembly and thence through the casing-tubing annulus.

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

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Case No. 1677  
Order No. R-1409

(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 V. M. Henderson Well No. 2, located 660 feet from the North line and 660 feet from the East line of Section 30, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico, in such a manner as to permit the production of oil from the Paddock Pool through a crossover assembly and thence through 2-7/8 inch OD tubing and the production of gas from the Blinebry formation adjacent to the Blinebry Gas Pool through 2-inch tubing to a crossover assembly and thence through the casing-tubing annulus.

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 Gas-Oil Ratio Test Period for the Paddock 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.

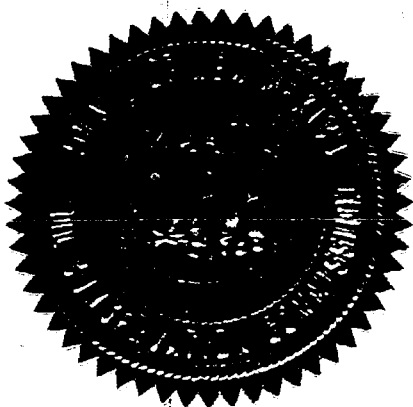
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated,

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
JOHN BURROUGHS, Chairman

  
MURRAY E. MORGAN, Member

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



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## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

## APPLICATION FOR DUAL COMPLETION

Case 1677  
Hearing 7-3-58

Field Name <b>Paddock and Blinebry (Gas)</b>		County <b>Lea</b>	Date <b>April 22, 1959</b>
Operator <b>The Texas</b>		Lease <b>V. M. Henderson</b>	Well No. <b>2</b>
Location of Well <b>A</b>	Unit <b>30</b>	Township <b>21-S</b>	Range <b>37-E</b>

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	<b>Paddock</b>	<b>Blinebry</b>
b. Top and Bottom of Pay Section (Perforations)	<b>5155' - 5195'</b>	<b>-proposed- 5530'-5565', 5580'-5590', 5680'-5690', 5710'-5720', 5755'-5770', 5840'-5850', 5865'-5885, 5980'-6000'</b>
c. Type of production (Oil or Gas)	<b>oil</b>	<b>Gas</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Artificial Lift</b>	<b>Flow</b>

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

- No 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.

Gulf Oil Corporation, Box 669, Roswell, New Mexico

Magnolia Petroleum Company, Box 2406, Hobbs, New Mexico

Sinclair Oil and Gas Company, 520 East Broadway, Hobbs, New Mexico

J. W. Peery, Box 655, Odessa, Texas

J. H. Moore, 1000 Green Acres Drive, Hobbs, New Mexico

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 Dir. Proration Engineer of the The Texas Company (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.

\* Will present at hearing

- \* 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.

Signature Santa Fe N.M.



DOCKET: EXAMINER HEARING MAY 20, 1959

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

The following cases will be heard before E. J. Fischer, Examiner

- CASE 1673: Application of Standard Oil Company of Texas for an amendment of Order Nos. R-1067 and R-1124. Applicant, in the above-styled cause, seeks an amendment of Order Nos. R-1067 and R-1124 to permit the utilization of dump type meters in lieu of positive displacement meters on certain leases in the Atoka Pool, Eddy County, New Mexico.
- CASE 1674: Application of Continental Oil Company for a gas-oil dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its M. E. Wantz Well No. 4-A located in the SW/4 SE/4 of Section 21, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of gas from the Blinebry Gas Pool and the production of oil from the Wantz-Abo Pool through the casing-tubing annulus and the tubing respectively.
- CASE 1675: Application of Hill and Meeker for six non-standard oil proration units. Applicant, in the above-styled cause, seeks an order establishing six non-standard oil proration units for Delaware production on its State "36" Lease comprising all of partial Section 36, Township 26 South, Range 32 East, Lea County, New Mexico, with each of said non-standard oil proration units to consist of approximately 44 acres.
- CASE 1676: Application of Humble Oil & Refining Company for permission to produce more than sixteen wells into a common tank battery and to commingle the production from two separate leases. Applicant, in the above-styled cause, seeks permission to commingle the Gallup production from its Navajo "F" Lease comprising Sections 3, 4, 9, and 10 with the Gallup production from its Navajo "G" Lease comprising Sections 1, 2, 11, and 12, all in and adjoining the Chimney Rock-Gallup Oil Pool, Township 31 North, Range 17 West, San Juan County, New Mexico. Applicant further seeks authority to produce more than sixteen wells into said common tank battery.
- CASE 1677: Application of The Texas Company for an oil-gas dual completion. Applicant, in the above-styled cause, seeks an order authorizing the dual completion of its V. M. Henderson Well No. 2 located in the NE/4 NE/4 of Section 30, Township 21 South, Range 37 East, Lea County, New Mexico, in such a manner as to permit the production of oil from the Paddock Pool and the production of gas from the Blinebry formation adjacent to the Blinebry Gas Pool.
- CASE 1678: Application of Rice Engineering and Operating, Inc. for a salt water disposal well. Applicant, in the above-styled cause, seeks an order authorizing it to recomplete its Gulf Oberholtzer Well No. 2 as a salt water disposal well in the Devonian formation; said well is located 1980 feet from the North line and 2310 feet from the West line of Section 7, Township 12 South, Range 38 East, Lea County, New Mexico. Applicant proposes to inject the produced salt water into the Devonian formation in the interval from 12,206 feet to 12,400 feet.



- CASE 1679: Application of Western Oil Fields, Inc., for a non-standard gas proration unit. Applicant, in the above-styled cause, seeks the establishment of an 80-acre non-standard gas proration unit in the Blinebry Gas Pool consisting of the NW/4 SE/4 and the NE/4 SW/4 of Section 4, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the applicant's Gulf Hill Well No. 1, located 1980 feet from the South and East lines of said Section 4.
- CASE 1680: Application of Graridge Corporation for capacity allowables for eight wells in a water flood project. Applicant, in the above-styled cause, seeks an order authorizing capacity allowables for eight wells situated in the project area of its water flood project in the Caprock-Queen Pool in Lea and Chaves Counties, New Mexico.
- CASE 1681: Application of The Ibex Company for a capacity allowable for one well in a water flood project. Applicant, in the above-styled cause, seeks an order authorizing a capacity allowable for its Welch Duke State Well No. 18 in the project area of its Artesia Water Flood Project No. 2, Artesia Pool, Eddy County, New Mexico.

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date May 20, 1959

CASE NO. 1677

HEARING DATE May 20, 1959

My recommendations for an order in the above numbered case(s) <sup>is</sup> are as follows:

Enter an order approving permission for Texaco, Inc. (formerly The Texas Co.) to dualy complete its V. M. Henderson Well No. 2, located in NE/4 NE/4 of Section 30, Twp. 21 South, Range 37 East Lea Co. To permit the prod. of gas from the Blinetry formation adj. to the Blinetry Gas Pool and prod. of oil from Paddock Pool. ~~the~~ Will utilize two permanent packers and produce Bl. ~~and~~ fluid into the annulus (from below the Paddock section) by means of a cross-over assembly and Paddock oil through the tubing.

E. J. Fischer  
Staff Member

MAIN OFFICE UCC

1959 JUN 10 AM

8:00 AM CONSERVATION COMMISSION

Santa Fe, New Mexico  
May 20, 1959

EXAMINER HEARING

IN THE MATTER OF:

Case 1677

DEARNLEY - MEIER & ASSOCIATES  
GENERAL LAW REPORTERS  
ALBUQUERQUE, NEW MEXICO  
Phone CHapel 3-6691

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BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 20, 1959

EXAMINER HEARING

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IN THE MATTER OF: )

)  
Application of The Texas Company for an oil- )  
gas dual completion. Applicant, in the )  
above-styled cause, seeks an order authoriz- )  
ing the dual completion of its V. M. Hender- )  
son Well No. 2 located in the NE/4 NE/4 of )  
Section 30, Township 21 South, Range 37 East; )  
Lea County, New Mexico, in such a manner as )  
to permit the production of oil from the )  
Paddock Pool and the production of gas from )  
the Blinebry formation adjacent to the Bline- )  
bry Gas Pool. )  
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Case 1677

BEFORE:

Mr. E. J. Fischer, Examiner

TRANSCRIPT OF HEARING

MR. FISCHER: The meeting will come to order, please.  
The next case on the docket will be Case 1677.

MR. PAYNE: "Application of The Texas Company for an  
oil-gas dual completion."

MR. WHITE: Let the record show that Charles White  
of Gilbert, White and Gilbert, Santa Fe, New Mexico is appearing  
on behalf of the Applicant. Since the filing of the application,  
the name of the Applicant has been changed from The Texas Company

to Texas Company, Incorporated, and we should like to request that any order that's issued in this case refer to the Applicant as The Texas Company, Incorporated, formerly The Texas Company. We have one witness to be sworn, Mr. Ross.

(Witness sworn.)

JOHN B. ROSS

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

DIRECT EXAMINATION

BY MR. WHITE:

Q Mr. Ross, will you state your full name and by whom you are employed and in what capacity?

A John B. Ross, Texas Company, Incorporated, as District Engineer in the Hobbs District, located in Midland.

Q Mr. Ross, have you previously testified before the Commission as an expert witness as a petroleum engineer?

A Yes.

Q Are you familiar with the subject application?

A Yes.

MR. WHITE: Are the witness's qualifications acceptable?

MR. FISCHER: They are acceptable.

Q Mr. Ross, are you familiar with The Texas Company, Incorporated well known as the Henderson Well No. 2 in Lea County?

A Yes, sir.

Q Is that in the Paddock-Blinebry Pool?

A It is now a producing well in the Paddock, and we propose to rework this well and dually completed it in the Paddock and in the Blinebry.

Q What will you get from these locations?

A Paddock will be oil and Blinebry will be gas.

Q Has the Commission previously approved any dual completions in this area involving these two reservoirs?

A No.

(Marked The Texas Company, Inc.'s Exhibit No. 1, for identification.)

Q Will you refer to what has been marked as Exhibit No. 1 and state what that is and explain it, please?

A Exhibit No. 1 is a plat showing The Texas Company, Incorporated, V. M. Henderson Lease and the surrounding leases with the location of the wells. The V. M. Henderson No. 2, the subject well, is circled in red. This plat shows that there is a Blinebry offset well immediately to the north on the J. W. Perry Hardy Federal Lease. There is another Blinebry well in the Northwest Quarter of the Southwest Quarter of Section 20, and a third Blinebry well in the Southeast Quarter of the Southwest Quarter of Section 29, all in Township 21 South, Range 37 East.

Q Is it by reason of this offset drainage that this

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application has been filed?

A That is right.

Q Is this an ownership and does it also show the names of the offset operators?

A This map shows the names of the offset operators and the lease name.

Q Now, Mr. Ross, will you discuss the nature of the reservoir fluids involved?

A The Paddock has an oil gravity of 35.6 degrees, A.P.I., which was taken from the subject well, Henderson No. 2; the Blinebry has a gravity of 53.8 degrees gravity as established in J. W. Perry's Hardy Federal No. 2. The gas-oil ratio in the Paddock formation in The Texas Company Henderson No. 2 is 200 cubic feet per barrel and the gas-oil ratio in J. W. Perry's Hardy Federal No. 2 is 10,295 cubic feet per barrel.

The bottomhole pressure in the Paddock was measured in January in Texas Company Henderson No. 5-A, west offset to Henderson No. 2 as 1828 P.S.I. We have not been able to determine what the bottomhole pressure, if any, was measured in the Blinebry formation in the offset wells. However, according to the most recent scheduled bottomhole pressure survey, the pressures in the area to the east of this immediate area range from two thousand to twenty-one hundred P.S.I., indicating an approximate difference of approximately 200 pounds. The type of crude, the

Paddock formation is sour and the Blinebry is classified as intermediate sweet.

Q What precautions have you taken to prevent corrosion?

A We have taken no precautions at this time, or plan to take none. We have no evidence of corrosion to date in the Paddock, and the Blinebry wells that we operate in New Mexico have shown to date no corrosion.

(Marked The Texas Company Inc.'s  
Exhibit No. 2, for identification.)

Q Now, will you refer to Exhibit 2 and explain that to the Commission, please?

A Exhibit 2 is a diagrammatic sketch of dual completion installation. This shows the proposed installation proposed for V. M. Henderson No. 2 and the zone colored in red is the Blinebry production. The zone colored in blue is the Paddock production. A Baker Model D production packer will be set between the Paddock and the Blinebry, another Model D production packer will be set above the Paddock formation. Two and a half tubing will be run to the top packer and two inch tubing will be run from the top packer to the bottom packer. Immediately through and above the upper packer we will install a Baker dual zone flow tube which will separate the two zones as shown on the diagram.

Above that we will install an Otis type H crossover landing nipple and an Otis type CX crossover choke to effectively



segregate the two zones and allow the Blinebry gas production to be produced through the casing tubing annulus and the Paddock production to be produced through the tubing.

Q Does this also show the perforation points?

A This shows the intervals that will be perforated.

Q Has the Commission previously approved similar installations including where you have oil over gas?

A Yes, sir, we have a similar installation in our H. H. Blinebry N.C.T. 1 Well No. 7 in Section 19, Township 22 South, Range 38 East. This well is completed as a Blinebry oil well and a Tubb gas well and utilizes similar mechanical equipment in the hole.

Q For this installation do you think there will be any possibility of communication between the zones?

A No, these devices will effectively segregate the production from each zone.

(Marked The Texas Company Inc's.  
Exhibit No. 3, for identification.)

Q Will you refer to Exhibit 3 and explain that, please?

A Exhibit 3 is a copy of the Lane Well's radioactivity log run on V. M. Henderson No. 2 on which the Paddock perforations and the proposed Blinebry perforations have been indicated.

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

A Yes.

MR. WHITE: At this time we move the admission of the Exhibits 1 through 3 inclusive.

MR. FISCHER: Without objection they will be accepted.

MR. WHITE: That concludes our testimony.

MR. FISCHER: Any questions of Mr. Ross? Mr. Utz.

CROSS EXAMINATION

MR. UTZ:

Q Mr. Ross, what did you say the gas-oil ratio would be on the Blinebry zone?

A Blinebry zone, was measured in J. W. Perry's Hardy Federal No. 2 North offset as 10,295 cubic feet per barrel on April 30. Let me retract that, that is taken from a packer leakage test submitted by them April 30, 1959, and the gravity, 53.8 degrees is somewhat in excess of the gravity which is taken as the borderline between gas and oil in the Blinebry Pool.

Q Has Texas Company had any experience producing 10,000 gas-oil ratio Blinebry zone through five and a half through two and seven inch annulus space?

A I can't bring a specific instance to your attention here. We will run two and a half tubing in this well which will be relatively close clearance within the five and a half casing, and we believe that the Blinebry formation will flow satisfactorily through that interval.

Q Will there be enough velocity to keep the well clean?

A We anticipate that the velocity will be sufficient to keep the well clean.

MR. UTZ: That's all I have.

MR. FISCHER: Any other questions of Mr. Ross?

BY MR. FISCHER:

Q Mr. Ross, why did you set a bridge plug in the base of your five and a half inch pipe there?

A That bridge plug has been set to seal off the Drinkard. This well was originally drilled to the Drinkard and the Drinkard was tested. However, it tested water and this bridge plug is being set here and capped with hydromite to seal off the Drinkard zone.

Q Is this a cast iron bridge plug?

A We would set a cast iron bridge plug in this instance.

Q Is this now a Paddock well? A Yes, sir.

Q And it produces water? A Yes, sir.

Q Have you noticed any corrosion in the water? I assume you have a heater treater on your lease, have you noticed any corrosion in your heater treater in this water?

A We have talked to our field engineer in Jal and he reports no excessive corrosion due to this zone. However, any zone that produces large amounts of salt water is ordinarily corrosive to some degree.

Q I believe that Paddock water scales a lot, and I was just trying to determine if it might do it here.

A Actually during the course of the proposed workover we are going to attempt to shut off the water in the Paddock formation, which we hope will be successful.

Q What do you think you'll kill this well with when you try to complete your Blinebry?

A Kill the Paddock, let me see if we have the setup on our workover procedure here, I don't recall. Actually, first of all we are going to try to squeeze the water off in the Paddock, probably salt water in this case, we have experienced no trouble killing the Paddock zone with salt water. When we complete the Blinebry and kill it to install in dual completion equipment, we will probably inject a jell material into the Blinebry to prevent it from taking too much salt water. We have had trouble in some cases with the Blinebry taking too much salt water and becoming over-balanced and kick, and using the jell kerosene, it will hold the Blinebry long enough for us to install the dual equipment.

Q When you set your Model D retainer packer, how do you propose to set that packer for a packoff?

A Actually we'll probably set both of these packers at the same time because we have found that using the same wire line assures us of getting them spaced out a little more accurately.

As a test all we will have will be a packer leakage test which will indicate separation of the two zones.

Q On your bottom packer too?

A Actually if the bottom packer leaks it will influence the production of the Paddock. Actually the Paddock is pumping, it probably will pump down to some extent, and I would imagine that if the Blinebry leaked into the Paddock zone, it would start to flow, or at least show considerable change in the characteristics.

Q Are you going to pressure test your pipe before your Paddock zone?

A Test the bridge plug, normally we do not test these bridge plugs when we cap them with hydromite.

Q I mean your pipe, the five and a half inch casing.

A Oh, the pipe below the Paddock and above the Blinebry, we hadn't anticipated testing that right now.

Q Do you have any idea as to the age of this well?

A This well was completed in March of 1948. We actually have a bridge plug set at 5218 approximately now, which is just below the Paddock oil section, which should have been protecting the casing below from any influence of the Paddock production.

Q Is there anything in the interval between those two bridge plugs?

A Between the bridge plug that I just mentioned and the

one that shows at the bottom of this?

Q Yes.

A No, sir, there are no perforations or other obstructions.

Q Now, this tail pipe from your upper Baker packer above the Paddock zone, what will be the O. D. of it?

A It will be approximately two inch tubing. It will be two and three-eighths O. D. It will actually be two inch tubing when the upset is cut off and rethreaded for collars.

Q Will it be treated in any way, plastic coated or anything?

A No, we had not planned to coat this in any way.

MR. FISCHER: Any other questions of Mr. Ross?

You may be excused, Mr. Ross.

(Witness excused.)

Any statements to be made? The case will be taken under advisement.

BEFORE EXAMINER FISCHER  
OIL CONSERVATION COMMISSION  
Exhibit No. 1677  
Case No. *E. J. Fischer*

STATE OF NEW MEXICO    )  
                              ) ss  
COUNTY OF BERNALILLO )

I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

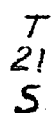
IN WITNESS WHEREOF I have affixed my hand and notarial seal  
this *2nd* day of June, 1957.

*Ada Dearnley*  
\_\_\_\_\_  
Notary Public - Court Reporter

My Commission Expires:

June 19, 1959.

WILDLIFE CONSERVATION COMMISSION  
Texaco Inc. Exhibit No. 1  
 Case No. 1677



Scale:  $1'' = 2000'$

## LEGEND

A---Arrowhead  
D---Drinkard  
E---Eumont Oil  
E(G)-Eumont Gas  
PS---Penrose Skelly  
B---Blincy Gas  
P ---Paddock

## OFFSET OPERATORS

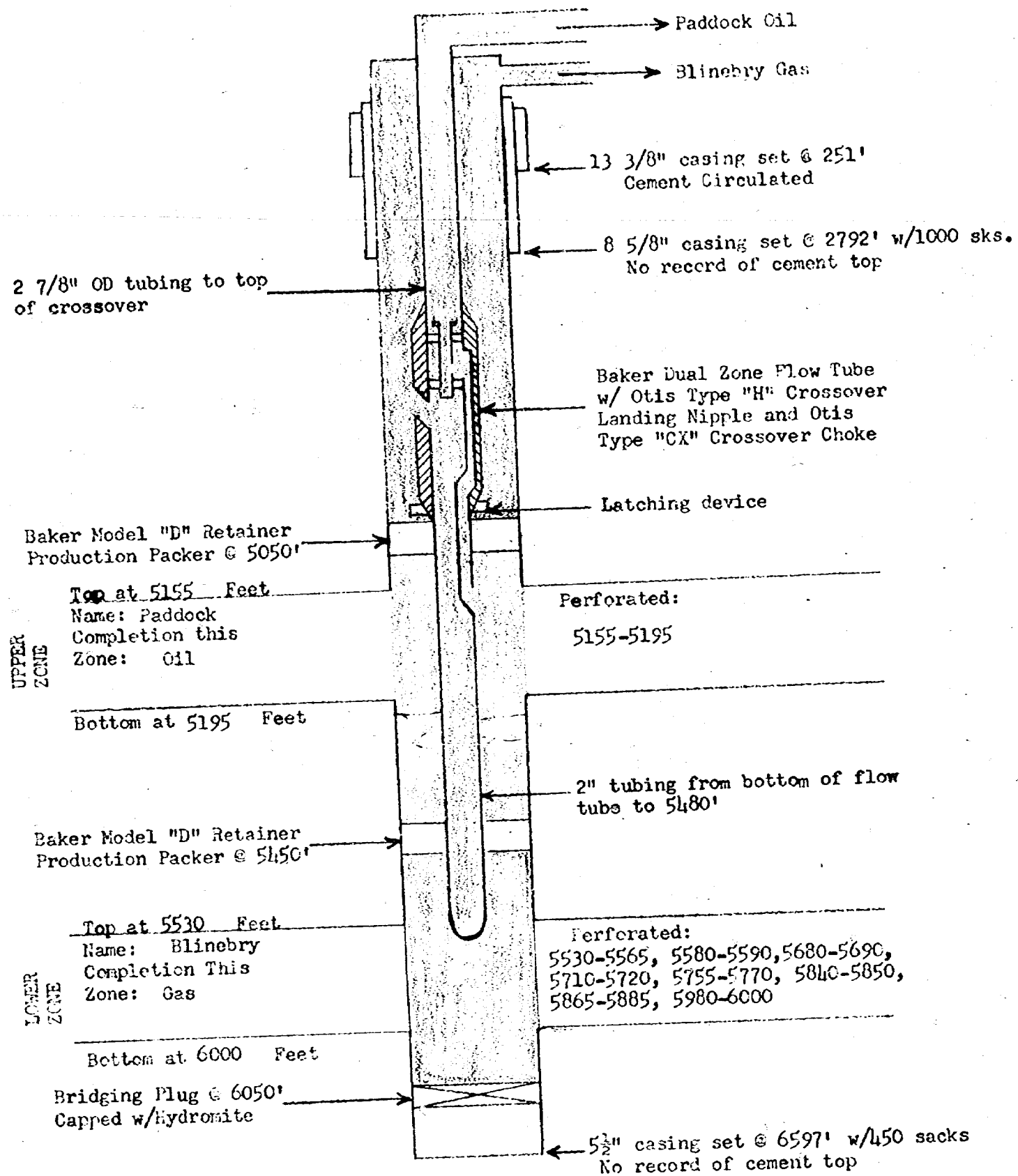
Gulf Oil Corp.-Box 669-Roswell, New Mexico  
magnolia Pet. Co.-Box 2406-Hobbs, New Mexico  
Sinclair O&G Co.-520 E. Broadway-Hobbs, N.m.  
J.W. Peery-Box 655-Odessa, Texas  
J.H. Moore-1000 Green Acres Drive-Hobbs, N.m.

BEFORE EXAMINER FISCHER  
OIL CONSERVATION COMMISSION  
Exhibit No. 1  
Case No. 1677

17 I



**DIAGRAMMATIC SKETCH OF DUAL COMPLETION INSTALLATION**  
-PROPOSED-



COMPANY: The Texas Company  
LEASE: V. H. Henderson Well No. 2  
FIELD: Paddock (Oil) and Blinbry (Gas)  
DATE: April 17, 1959

**BEFORE EXAMINER FISCHER**  
OIL CONSERVATION COMMISSION  
Exhibit No. 2  
Case No. 1622