

CASE 2553: Application of TEXACO  
for a triple completion of its  
C. H. WEIR "B" WELL NO. 5 - UNIT G



3 - 11 - 11

2553

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Index, Transcript,  
// Exhibits, Etc.

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. 2553  
Order No. R-2181-A

APPLICATION OF TEXACO INC. FOR  
A TRIPLE COMPLETION, 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 10, 1962, 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 28th day of May, 1962, 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 Order No. R-2181 authorized Texaco Inc. to complete its C. H. Weir "B" Well No. 5, located in Unit G, Section 11, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in such a manner as to permit the production of oil from the Skaggs-Drinkard Pool through a combination string of 2 1/16-inch and 1 1/4-inch tubing, the production of oil from the Skaggs-Glorieta Pool through a parallel string of 2 1/16-inch tubing and the production of gas from an undesignated Blinebry pool through the casing-tubing annulus.

(3) That the applicant, Texaco Inc., seeks an amendment of Order No. R-2181 to allow the production of gas from an undesignated Blinebry pool through the casing-tubing annulus, or in the event the well is classified as an oil well in the Blinebry formation, to allow the production of oil through a string of 1-inch tubing.

(4) That the proposed amendment is feasible and will neither cause waste nor impair correlative rights.

-2-

CASE No. 2553  
Order No. R-2181-A

IT IS THEREFORE ORDERED:

(1) That the first paragraph of order (1), Commission Order No. R-2181, is hereby amended to read as follows:

"That the applicant, Texaco Inc., is hereby authorized to complete its C. H. Weir "B" Well No. 5, located in Unit G of Section 11, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in such a manner as to permit the production of oil from the Skaggs-Drinkard Pool through a combination string of 2 1/16-inch and 1 1/4-inch tubing, the production of oil from the Skaggs-Glorieta Pool through a parallel string of 2 1/16-inch tubing and the production of gas from an undesignated Blinebry pool through the casing-tubing annulus, or the production of oil from the undesignated Blinebry pool through a string of 1-inch tubing."

(2) 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



esr/

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

May 28, 1962

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

Re: Case No. 2553  
Order No. R-2181-A  
Applicant:  
Texaco, Inc.

Dear Sir:

Enclosed herewith are two copies of the above-referenced  
Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC X

Artesia OCC       

Aztec OCC       

OTHER

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 5/22/62

CASE 2553

Hearing Date 9am 5/10  
DSN @ SF

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

*Enter an order amending  
Order No R 2181 in  
accordance w/ the attached  
Copy of Exhibit 2 in this case.*

DOCKET: EXAMINER HEARING - THURSDAY - MAY 10, 1962

OIL CONSERVATION COMMISSION - 9 A.M. - MORGAN HALL, STATE LAND OFFICE  
BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Daniel S. Nutter, Examiner, or  
Elvis A. Utz, as alternate examiner:

- CASE 2547: Application of Pan American Petroleum Corporation for a triple completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order authorizing the triple completion (conventional) of its Greenwood Unit Well No. 7, located in Unit H, Section 12, Township 19 South, Range 31 East, Eddy County, New Mexico, in such a manner as to permit the production of oil from undesignated Strawn, Wolfcamp, and Bone Spring pools through parallel strings of tubing.
- CASE 2548: Application of Pan American Petroleum Corporation for an exception to Order No. R-660, Caprock-Queen Pool, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the Special Rules and Regulations of the Caprock-Queen Pool, Order No. R-660, for the assignment of a gas allowable equivalent to the total reservoir voidage of a top allowable oil well producing at the limiting GOR of 2000: 1 for its State "AK" Well No. 1 located in Unit N, Section 19, Township 15 South, Range 31 East, Chaves County, New Mexico.
- CASE 2549: Application of Cities Service Petroleum Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Hodges B Well No. 4, located in Unit M of Section 1, Township 25 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the North Justis Tubb-Drinkard Pool and Devonian formation adjacent to the North Justis-Devonian Pool with the production of oil from each zone to be through parallel strings of 2 3/8-inch tubing.
- CASE 2550: Application of Texaco Inc., for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its G. L. Erwin "B" NCT-2 Well No. 4, located in Unit O of Section 35, Township 24 South, Range 37 East, Lea County, New Mexico, as a quadruple completion (tubingless) in the North Justis-Fusselman, North Justis-Devonian, North Justis Tubb-Drinkard and North Justis-



Unit N of Section 26, Township 10 South, Range 33 East, Lea County, New Mexico, completed in the Bough "C" zone of the Pennsylvanian formation with perforations from 9667 feet to 9671 feet. Applicant further seeks establishment of special rules and regulations governing said pool, including 80-acre proration units.

CASE 2555:

Application of Gulf Oil Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its J. F. Janda (NCT-F) Well No. 6, located in Unit D of Section 4, Township 22 South, Range 36 East, Lea County, New Mexico, as a dual completion (conventional) in the Jalmat Gas Pool and South Eunice Pool with the production of oil from the Jalmat Gas Pool to be through a string of 1 1/4-inch tubing and the production of oil from the South Eunice Pool to be through a parallel string of 2 3/8-inch tubing.

CASE 2556:

Application of Gulf Oil Corporation for an unorthodox oil well location and a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Lillie Well No. 3, located 2310 feet from the North line and 330 feet from the West line of Section 23, Township 24 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the Fowler-Fusselman and Fowler-Ellenburger Pools with the production oil from both zones to be through a parallel strings of tubing. Said well is at an unorthodox location under the Fowler-Ellenburger Pool Rules.

CASE 2557:

Application of Gulf Oil Corporation for a unit agreement and a secondary recovery project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the West Dollarhide Devonian Unit Agreement embracing 765.25 acres, more or less, of Federal and State lands in Townships 24 and 25 South, Range 38 East, Lea County, New Mexico. Applicant further seeks permission to institute a secondary recovery project in the proposed West Dollarhide Devonian Unit Area by injection of water into the Devonian formation into certain wells located in said unit.

TEXACO  
INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT



1962 APR 12 AM 11 41  
P. O. BOX 3109  
MIDLAND, TEXAS

April 10, 1962

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

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

Gentlemen:

Texaco Inc. respectfully requests that a hearing be set to consider its application for a triple completion for its C. H. Weir "B" Well No. 5 in the Skaggs Drinkard, Skaggs Glorieta, and Undesignated Blinebry (Oil) Pools. Order No. R-2181 dated February 12, 1962, approved Texaco's application for a triple completion for this well in the Skaggs Drinkard, Skaggs Glorieta, and Undesignated Blinebry-Gas Pools. Upon completing this well in the Blinebry formation, it was found that production from this zone is oil rather than the anticipated gas. By your letter of March 22, 1962, you advised that it would be necessary to bring this matter to hearing in order to amend the Order No. R-2181. In support of our application we wish to state the following facts:

1. Texaco Inc. is the operator of the E/2 of Section 11, T-20-S, R-37-E, Lea County, New Mexico. The described acreage is more commonly known as the C. H. Weir "B" Lease.
2. The C. H. Weir "B" Well No. 5 is located in Unit G of Section 11.
3. The Skaggs Drinkard is an oil completion and is being produced through a string of 2-1/16" tubing.
4. The Undesignated Blinebry is an oil completion and will be produced through a string of one inch OD tubing.

*Handwritten notes:*  
14/26/62  
[Signature]

April 10, 1962

5. The Skaggs Glorieta is an oil completion and will be produced through a string of 2-1/16" tubing.
6. The Drinkard and Glorieta zones will be pumped initially and the Blinebry zone will flow initially.

Attached in triplicate are an application for triple completion, a plat of the C. H. Weir "B" Lease, and a diagrammatic sketch of the triple completion installation. It is respectfully requested that this application be advertised for hearing as a triple completion in exception to Rule 112A in that the Blinebry zone is produced through a string of one inch tubing. Will you please schedule this application on your first available examiner hearing docket.

Yours very truly,

*C. R. Black*

C. R. Black  
Assistant Division  
Proration Engineer

CRB-MM

Attach.

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

APPLICATION FOR ~~WELL~~ COMPLETION *2583*

Field Name Shawms-Drinkard, Unlesimated-Blinbry and		County Lea	Date March 29, 1962
Operator Slaggo-Glorieta TEXACO Inc.		Lease C. H. Weir "B"	Well No. 5
Location of Well	Unit 9	Section 11	Township 20-S Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the ~~well~~ completion of a well in these same pools or in the same zones within one mile of the subject well? YES \_\_\_\_\_ NO X *triple*
2. If answer is yes, identify one such instance: Order No. \_\_\_\_\_; Operator, Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Middle Zone	Lower Zone
a. Name of reservoir	Glorieta	Blinbry	Drinkard
b. Top and Bottom of Pay Section (Perforations)	5310-5318	5814-17, 5845-47, 5870-72, 5894-96	5826-29, 5854-58, 6870-80, 6885-90
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Artificial Lift	Flow	Artificial Lift

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

- Yes *triple* a. Diagrammatic Sketch of the ~~well~~ 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 *triple* c. Waivers consenting to such ~~well~~ completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*
- \*        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.

Continental Oil Company, P. O. Box 68, Eunice, New Mexico

Cities Service Oil Company, P. O. Box 97, Hobbs, New Mexico

Gulf Oil Company, Drawer 669, Roswell, New Mexico

Humble Oil and Refining Company, P. O. Box 2347, Hobbs, New Mexico

Southwest Production Company, 3108 Southland Center, Dallas, 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 \_\_\_\_\_

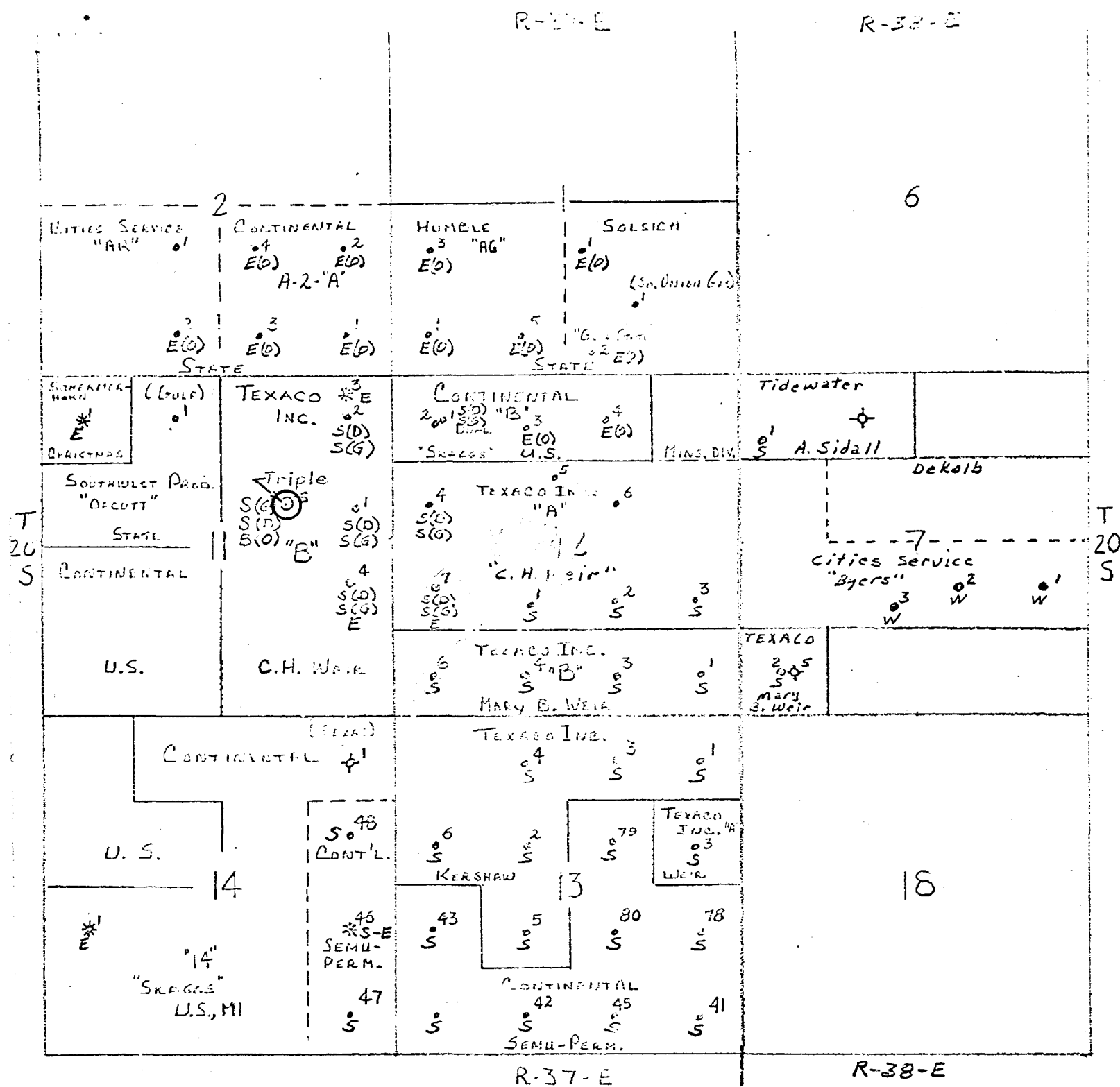
\* Logs submitted with Packer Leakage Test dated March 7, 1962.

CERTIFICATE: I, the undersigned, state that I am the Asst. 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.

*C. R. Black*  
C. R. Black

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 TFXACO Inc.  
C. H. Weir "B" Lease and Offset Leases  
Lea County, New Mexico  
Scale: 1" = 2000' LMF -- 3-22-62

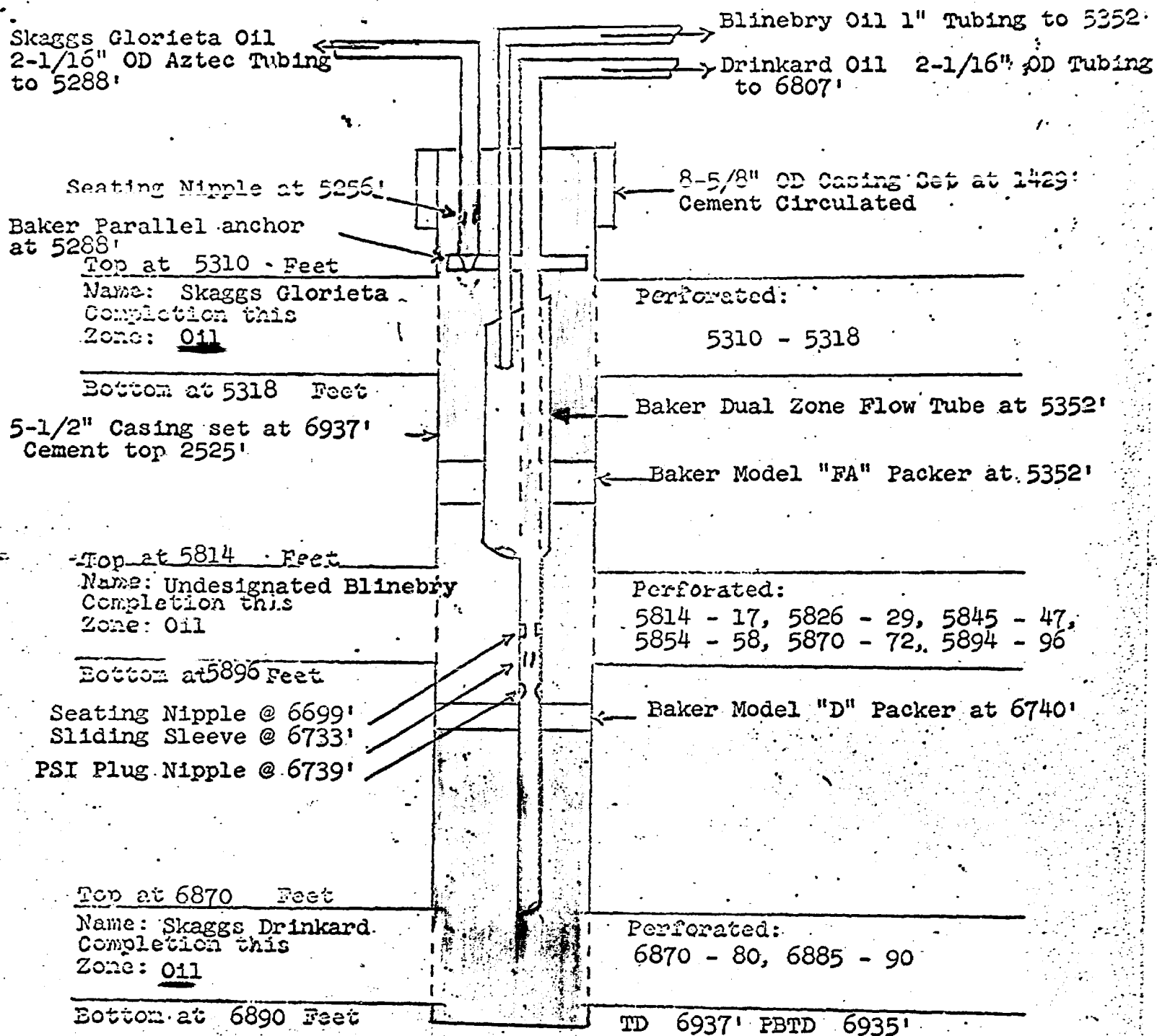
**LEGEND (Pools)**

- S - Skaggs
- S(D) - Skaggs Drinkard
- S(G) - Skaggs Glorieta
- E - Eumont Gas
- E(O) - Eumont Oil
- W - Warren MSKec
- B(O) - Blinbry Oil

**OFFSET OPERATORS**

- Continental Oil Co., Box 68, Eunice, N. Mex.
- Cities Service Oil Co., Box 97, Hobbs, N. Mex.
- Gulf Oil Corp., Box 1938, Roswell, N. Mex.
- Humble Oil & Ref. Co., Box 2347, Hobbs, N. Mex.
- Southwest Production Co., 3109 Southland Center, Dallas, Tex.

# DIAGRAMMATIC SKETCH OF TRIPLE COMPLETION INSTALLATION



COMPANY: TEXACO Inc.  
 LEASE: C. H. Weir "B" Well No. 5  
 FIELD: Skaggs Glorieta, Skaggs Drinkard & Undesignated Blinebry  
 DATE: March 7, 1962

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON 1, N. M.  
PHONE 315-1182

ALBUQUERQUE, N. M.  
PHONE 243-6691

BEFORE THE  
OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
May 10, 1962

EXAMINER HEARING

IN THE MATTER OF:

Application of Texaco Inc. for a triple  
completion, Lea County, New Mexico.  
Applicant, in the above-styled cause,  
seeks an amendment to Order R-2181 to  
permit the triple completion (conven-  
tional) of its C. H. Weir "B" Well No.  
5, located in Unit G of Section 11,  
Township 20 South, Range 37 East, Lea  
County, New Mexico, in the Skaggs-  
Glorieta and Skaggs-Drinkard Oil Pools  
and in an undesignated Blinebry Oil  
pool with the production of oil from  
the Glorieta and Drinkard zones to be  
through parallel strings of 2 1/16-inch  
tubing and the production of oil from  
the Blinebry zone to be through a dual  
zone flow tube and a string of 1-inch  
tubing.

Case 2553

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: The hearing will come to order, please.

The next case will be 2553.

MR. MORRIS: Application of Texaco Inc. for a triple  
completion, Lea County, New Mexico.



MR. WHITE: May the record show the same appearances as the previous Texaco cases and also the same witness?

MR. NUTTER: Yes, sir.

MR. WHITE: And that he has been duly sworn?

MR. NUTTER: Yes, sir.

(Whereupon, Texaco's Exhibits Nos. 1 through 4 were marked for identification.)

C. R. BLACK

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

DIRECT EXAMINATION

BY MR. WHITE:

Q Will you briefly state what Texaco is seeking in the subject application?

A This is the application of Texaco Inc. for a conventional oil, oil, oil triple completion for its C. H. Weir "B" Well No. 5. This well is completed in the Skaggs-Drinkard, Skaggs-Glorieta and undesignated Blinebry pools. Texaco is also asking for permission to flow the Blinebry zone up a string of 1" tubing. This is an exception to Rule 112-A, the tubing requirement.

Q Will you refer to what has been marked Exhibit No. 1 and state the location?

A Exhibit No. 1 is a plat showing the immediate area

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surrounding the Texaco C. H. Weir "B" Lease. The lease is bordered in yellow and the well is circled in red. The location of the well footagewise is 1980 feet from the north line and 1650 feet from the east line of Section 11, Township 20 South, Range 37 East.

Also shown on the plat are the offset operators and their wells with the appropriate field designation being shown below each well. At the base of the exhibit is a list of the offset operators with their mailing addresses.

Q What's the status of this well at the present time, Mr. Black?

A At the present time this well has reached total depth and has been completed in each of the three mentioned zones and is producing from these three zones under a temporary order pending the outcome of this hearing.

Q Have any previous orders been issued by the Commission in regard to the method of the completion of this well?

A Yes, sir, Order No. R-2181 dated February 12, 1962 approved Texaco's application for a triple completion in the Drinkard oil, Glorieta oil and Blinebry gas zones.

Q Was the well so completed?

A It was completed as a Drinkard and Glorieta oil producer; however, the anticipated gas zone actually turned out to be an



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oil zone when actual completion practices were completed.

Q Production of this oil would require the hearing today, is that not true?

A It is our understanding that to amend an order issued by hearing it requires another hearing.

Q The present Order 2181 refers to the production of gas only, is that correct?

A That is correct, gas only from the Blinebry formation.

Q Do you have a proposed amendment that you would like to submit to the Examiner and the Commission for their review?

A Yes, sir, I do. The Exhibit 2 is our proposed amendment to the order itself. This is sub paragraph 1 extracted from the order. The amendment is underlined and it consists of the last three sentences stating that if the Commission, the Examiner will desire, I'll read the entire exhibit or the amendment as stated.

Q The amendment is underlined?

A Or the production of oil from the undesignated Blinebry Pool through a string of 1-inch tubing.

Q The only change in the order would be the permission for you to produce the oil from the Blinebry Pool?

A That would be true.

Q What is the status of the well at the present time?



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A The well has reached total depth and all three zones are completed.

Q Will you give the well history as actually completed?

A Exhibit No. 3 is a diagrammatic sketch of the well as it was actually completed. An 11-inch hole was drilled to 1429 feet. At that point we set 8-5/8 OD surface casing and cemented with a total of 600 sacks cement which did circulate to the surface. We then continued to 3927 feet with a 7-7/8-inch hole and then at that point we reduced oil to 6 3/4-inches and continued on to the total depth of 6937 feet. We set a string of 5 1/2-inch casing at 6937, cemented it with a total of 1050 sacks of cement and found that the top of the cement was at 2525 as per temperature survey.

Q Will you now give the crude characteristics of these formations?

A We perforated the Skaggs-Drinkard formation of 6870 to 6880, and 6885 to 6890; on potential test ending March 16, 1962 this zone pumped 14 barrels of oil plus 60 barrels of water with a gas-oil ratio too small to measure. We found that this was an intermediate sweet crude with a gravity of 34.6 degrees. The gas-oil ratio was too small to measure. The bottom hole pressure was 2430 psi at a minus 3276.

The Blinbry formation was perforated through various



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perforated intervals from 5814 to 5896. These intervals are listed on the exhibit. On potential test ending February 18, 1962 this zone flowed 30 barrels of oil in twenty-four hours through a 28/64-inch choke with a GOR of 22,000 to 1. It was an intermediate sweet crude with a gravity of 42.9 degrees.

The Glorieta formation was perforated from 5310 to 5318, and on potential test ending March 9th, 1962 this zone pumped 33 barrels of oil plus 27 barrels of water in twenty-four hours. The gas-oil ratio was too small to measure in this zone also. This is a sour crude with a gravity of 39 degrees and the bottom hole pressure was 1459 at a minus 1666 feet.

Q What measures have you taken to prevent corrosion or paraffin?

A We do expect mild corrosion and paraffin in the Glorieta, and we have plastic coated the upper 1500 feet of the Glorieta tubing string to control paraffin, and we will take periodic coupon surveys to determine if excessive corrosion is occurring, and certainly if it is we'll take the necessary steps to eliminate this problem.

Q Now, will you review the downhole equipment?

A We set a Baker Model "D" packer at 6740 feet, we set a Baker Model "F-A" packer at 5352 feet. We then ran a string of 2 1/16 tubing to 6807, and on this string there was a



dual zone flow tube which was set in the Baker Model "F-A" packer at 5352, and there were a Baker parallel anchor set at 5288. We then ran a string of 1-inch tubing for the Blinebry zone and latched it into the dual zone flow tube. We then followed with a string of 2 1/16 tubing and latched it into the parallel anchor, this string being used for the Glorieta production.

Q The Blinebry is producing oil through the 1-inch tubing?

A Yes, sir, it is.

Q Have any production tests been taken?

A Yes, sir. Exhibit No. 4 is a tabulation of the most recent production test on this well. These tests cover an eight-day period from April 30 to May 8. The test included the tabulation of the date, the oil, the water and the gas with the GOR, the time or period of the test, the gravity of the oil, the tubing pressure, the choke size, and then it calculated twenty-four hour rate for oil, water and gas.

Q Have you drawn any significant conclusions from these tests?

A From these tests it is evidenced where you have two days of the same choke size that the tubing pressure is relatively constant, that the oil production is reasonably constant, and that the actual gas production is very close and could be considered constant. We haven't experienced any slugging of oil



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production from this zone, actually what we're producing is a fine mist of oil and gas. With these gas-oil ratios which have remained reasonably stable throughout the test period and the volumes of oil that are being produced, and the tubing pressures under which we're producing, we feel that we're getting efficient flow through this string of 1-inch tubing.

Q Have you previously submitted a log?

A Yes, sir, a packer leakage test and a log have been submitted on this well.

Q Does that conclude your testimony in this case?

A Yes, sir, I believe it does.

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

A Yes, sir, they were.

MR. WHITE: At this time we offer Exhibits 1 through 4 in evidence and we ask that the Examiner take judicial notice of the log that has previously been filed.

MR. NUTTER: Texaco's Exhibits 1 through 4 will be admitted in evidence and we will take notice of the previous case, Mr. White.

(Whereupon, Texaco's Exhibits 1 through 4 were admitted in evidence.)

MR. WHITE: That concludes our testimony.

MR. NUTTER: Any questions of Mr. Black?

MR. MORRIS: Yes, sir.



CROSS EXAMINATION

BY MR. MORRIS:

Q Mr. Black, how far is your proposed triple completion from the horizontal limits of the Blinebry Oil Pool?

A It's approximately eight to ten miles from the Blinebry Pool itself. This well is approximately eight to ten miles north of the City of Eunice and Blinebry production. We do have some Blinebry production on the Henderson Lease immediately west of the city limits. As far as I know, this is the first Blinebry oil production to this well.

Q There's no indication at the present time, at least, that this well would eventually be connected up with the Blinebry oil?

A No, sir, there certainly is not.

MR. MORRIS: I believe that's all.

MR. PORTER: I have one question.

BY MR. PORTER:

Q Mr. Black, do you know how far the well is from the recent discovery by Continental on their Meyer Lease in the Blinebry pay? I think that would be east of ours.

A No, sir, I'm not familiar with that discovery. I would have no idea as to actually how far it would be.

MR. PORTER: That's all I have.

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ALBUQUERQUE, N. M.  
PHONE 243-6691

BY MR. NUTTER:

Q What is the gravity of the fluid produced here in the Blinebry, Mr. Black?

A The crude oil or the fluid that is produced?

Q In the Blinebry?

A 39 degrees-- 42.9, excuse me, Mr. Nutter.

Q 42.9?

A 42.9 is the crude gravity from the Blinebry.

Q Now, Mr. Black, did Texaco receive a letter from the Commission authorizing the temporary production of this well as an oil well and requesting that Texaco conduct tests on the well?

A Yes, sir, we did.

Q Do you have the date of that letter?

A That letter was March 22.

Q How much has this well produced from the Blinebry?

A From the Blinebry we have produced approximately 850 barrels.

Q During that 850-barrel productive life of the well there hasn't been any appreciable change in GOR in the well, is that correct?

A Well, the original GOR on the potential test was 22,000 to 1. The latest gas-oil ratio on May the 8th was 40,000. We have seen a gradual trend of an increasing gas-oil ratio and





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we eventually feel that this well will be classified as a gas well. That is the reason that we would prefer not to have the provision for producing this well as a gas well deleted from the previous order.

MR. NUTTER: Any further questions.

BY MR. PORTER:

Q Is this 850 production exclusive of load oil or frac oil?

A Yes, sir, this is new oil that has been produced from the formation.

Q So the load oil and frac oil would have had no influence on your gas-oil ratio?

A No, sir, the original gas-oil ratio, we were very careful to check that and make sure that we did have all load oil back since it was at 22,000, and was below what we anticipated, but we had recovered all of our load oil and had actually produced some new oil prior to that potential test.

MR. PORTER: That's all.

BY MR. NUTTER:

Q The gas from the Blinbry zone is being marketed?

A No, at the present time it is not. We expect a gas connection in the very near future, though.

Q Is there a connection at the battery for any of the gas?



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A There is a connection at the battery for Glorieta and Drinkard gas, and we expect to sell this as casinghead gas as soon as we can get approval and negotiate a contract to sell this gas.

Q What is the current allowable assigned to the well?

A The current allowable is 30 barrels of oil per day. This is not in an allocated pool and the allowable has been assigned by special supplements issued each month.

MR. NUTTER: Any further questions?

BY MR. PORTER:

Q Mr. Black, I take it since the allowable is 30 barrels a day that the gas-oil ratio has not been put into effect?

A Yes, sir, that is apparently correct. The supplements that have been issued have been issued for 30 barrels a day, which is in accordance with the original potential test of 30 barrels of oil, and apparently is neglecting the gas-oil ratio.

Q In other words, you have from 30 to 60 days to file your first official gas-oil ratio test and comparison during that period?

A Yes, sir.

MR. PORTER: That's all.

MR. NUTTER: It will be noted that the 60 days were up yesterday. If there are no further questions of Mr. Black



he may be excused.

(Witness excused.)

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

MR. WHITE: No, sir.

MR. NUTTER: Does anyone have anything further? If there is nothing further in this case, we will take the case under advisement and call Case 2554.

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 4th day of June, 1962.

*Ada Dearnley*  
Notary Public-Court Reporter

My commission expires:

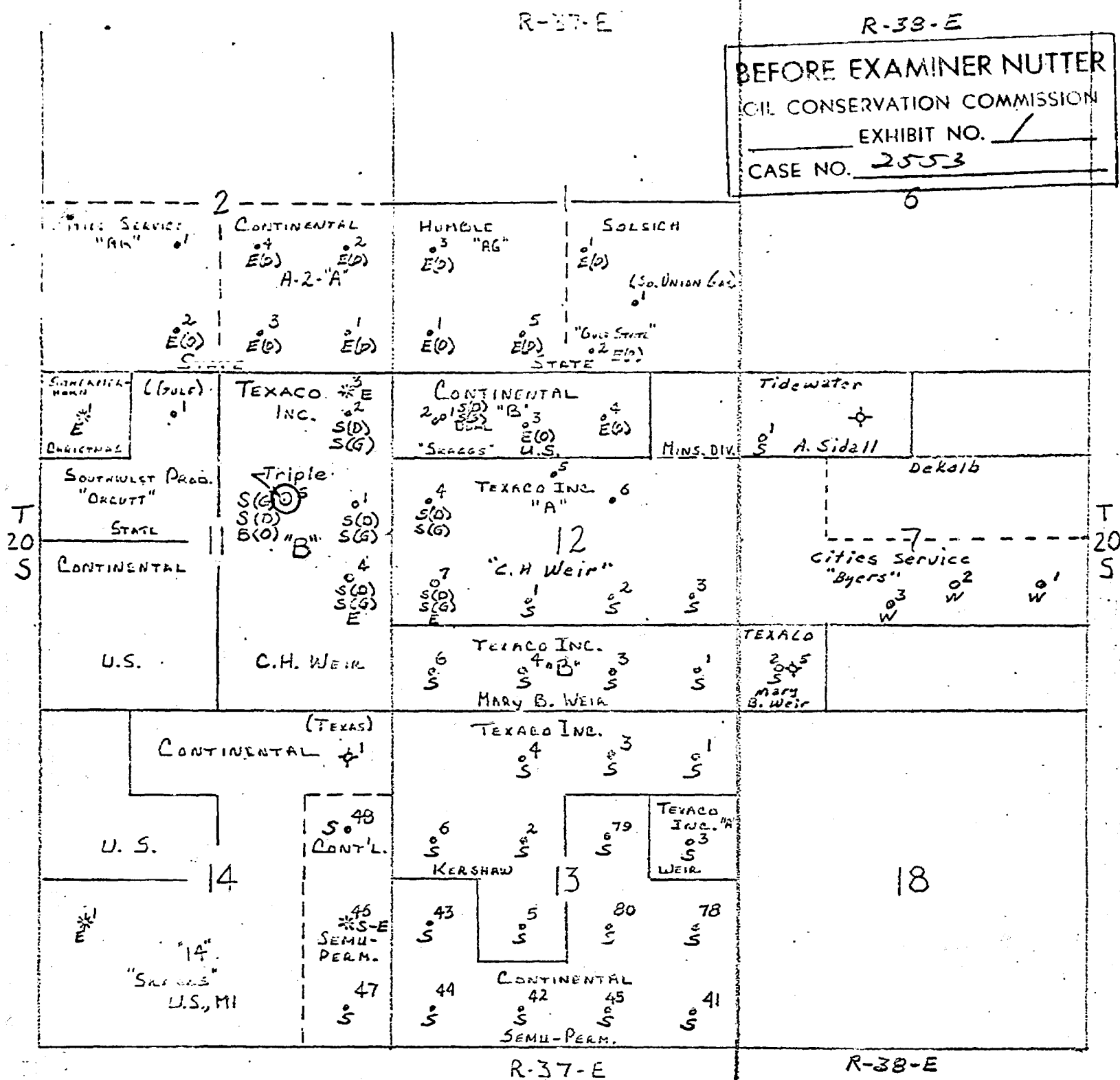
June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 253, heard by me on 5/10, 1962.

*[Signature]*  
Examiner  
New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.  
ALBUQUERQUE, N. M.  
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FARMINGTON, N. M.  
PHONE 325-1182





Plat of TEXACO Inc.  
C. H. Weir "B" Lease and Offset Leases  
Lea County, New Mexico  
Scale: 1" = 2000' LMF -- 3-27-62

LEGEND (Pools)

S - Skaggs  
S(D) - Skaggs Drinkard  
S(C) - Skaggs Glorieta  
E - Eumont Gas  
E(O) - Eumont Oil  
W - Warren MSKec  
B(O) - Blinebry Oil

OFFSET OPERATORS

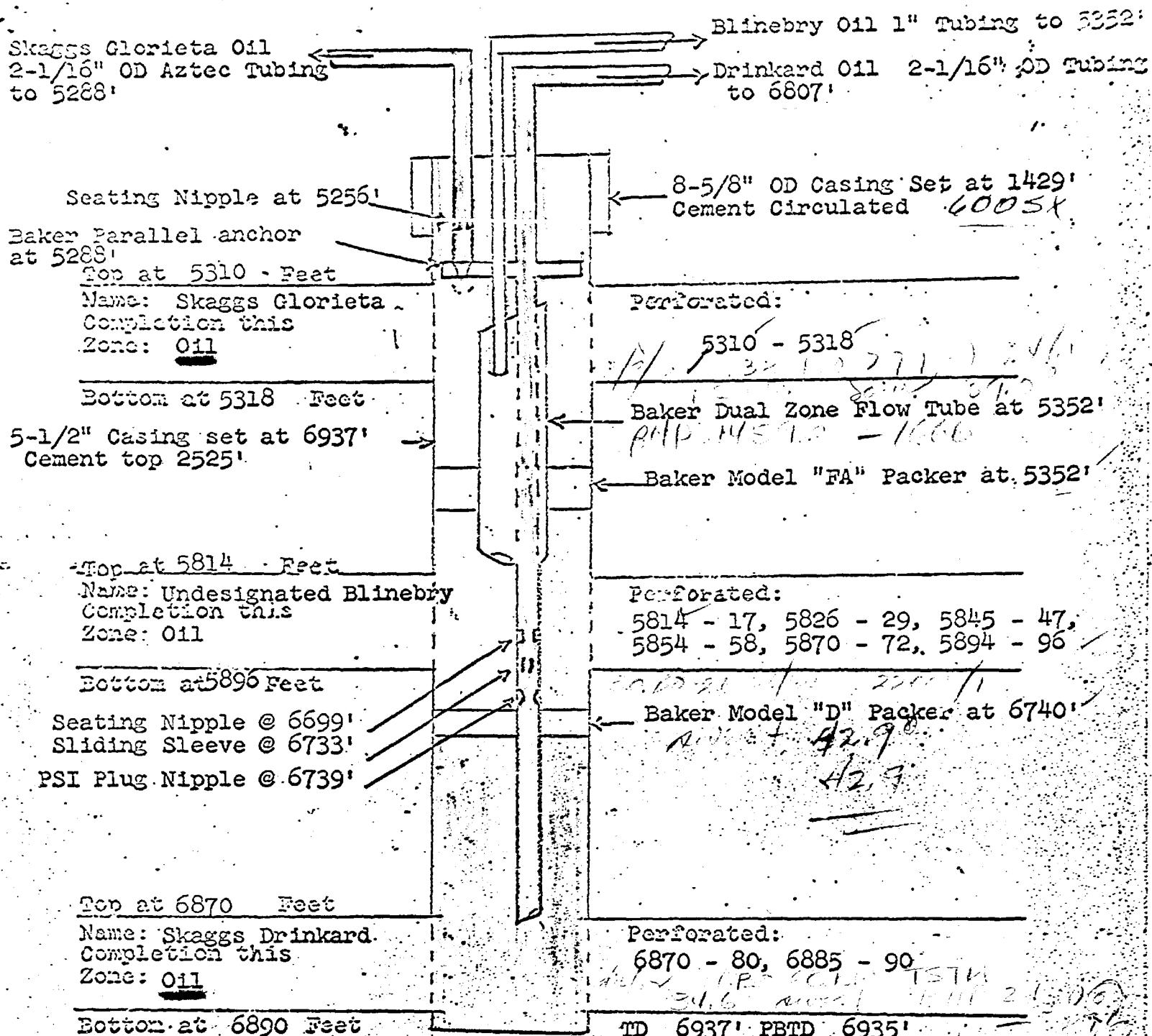
Continental Oil Co., Box 68, Eunice, N. Mex.  
Cities Service Oil Co., Box 97, Hobbs, N. Mex.  
Gulf Oil Corp., Box 938, Roswell, N. Mex.  
Humble Oil & Ref. Co., Box 2347, Hobbs, N. Mex.  
Southwest Production Co., 3109 Southland Center, Dallas, Tex.

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
<i>Appl</i>	EXHIBIT NO. <u>2</u>
CASE NO. <u>2553</u>	

"IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to complete its C. H. Weir "B" Well No. 5, located in Unit G of Section 11, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (conventional) in such a manner as to permit the production of oil from the Skaggs-Drinkard Pool through a combination string of 2 1/16-inch and 1 1/4-inch tubing, the production of oil from the Skaggs-Glorieta Pool through a parallel string of 2 1/16-inch tubing and the production of gas from an undesignated Blinebry pool through the casing-tubing annulus, or the production of oil from the undesignated Blinebry pool through a string of 1 inch tubing."

# DIAGRAMMATIC SKETCH OF TRIPLE COMPLETION INSTALLATION



*Letter of March 7, 1962*

COMPANY: TEXACO Inc.  
LEASE: C. H. Weir "B" Well No. 5  
FIELD: Skaggs Glorieta, Skaggs Drinkard & Undesignated Blinebry  
DATE: March 7, 1962

BEFORE EXAMINED
OIL COMMISSION
EXHIBIT NO. 3
CASE NO. 3553

C. H. Weir "B" Well No. 5  
Undesignated (Blinebry)  
Lea County, New Mexico

## TEST DATA

CALCULATED 24-HOUR RATE											
Date	Oil (Bbls)	Water (Bbls)	Gas (MCF)	GOR (cu.ft./bbl)	Time (Hours)	Oil Gravity (API @ 60°F)	TP (Psi)	Choke (Inch)	Oil (Bbls)	Water (Bbls)	Gas (MCF)
4-30-62	12.39	0	640.7	53,325	24	-----	350	20/64	12.39	0	660.7
5-2-62	18.59	0	612.2	34,008	20 3/4	-----	150	32/64	21.40	0	730.0
5-3-62	7.60	0	297.4	39,200	12	41.5	800	12/64	15.20	0	595.7
5-4-62	16.52	0	553.0	35,900	24	-----	825	12/64	16.52	0	593.0
5-5-62	24.09	0	660.0	33,300	25	-----	500	16/64	23.10	0	770.0
5-6-62	23.4	0	624.0	35,200	26 1/4	-----	475	16/64	21.40	0	753.0
5-7-62	19.96	0	770.0	38,600	24 1/2	38.3	300	20/64	19.55	0	755.0
5-8-62	15.63	0	640.0	40,400	20 1/4	-----	300	20/64	16.80	0	760.0

BEFORE EXAMINER NUTTER  
IL CONSERVATION COMMISSIONER  
EXHIBIT NO. 4  
CASE NO. 2553