

CASE 2551: Application of TEXACO  
for a triple completion of its  
G. L. ERWIN "A" WELL NO. 1-UNIT N.

2-551

2-551

Section, Transcript,  
// Exhibits, Etc.

GOVERNOR  
EDWIN L. MECHEM  
CHAIRMAN

State of New Mexico  
Oil Conservation Commission

LAND COMMISSIONER  
E. S. JOHNNY WALKER  
MEMBER



STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

P. O. BOX 871  
SANTA FE

May 28, 1962

Mr. Charlie White  
Gilbert, White & Gilbert  
P. O. Box 1713  
Santa Fe, New Mexico

Re: Case No. 2551  
Order No. R-2247  
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 handwritten signature in cursive script that reads "A. L. Porter, Jr.".

A. L. PORTER, Jr.  
Secretary-Director

ir/

Carbon copy of order also sent to:

Hobbs OCC   x  

Artesia OCC           

Aztec OCC           

OTHER

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE No. 2551  
Order No. R-2247

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 the applicant, Texaco Inc., seeks permission to complete its G. L. Erwin "A" Well No. 1, located in Unit N, Section 35, Township 24 South, Range 37 East, NMPM, Lea County, New Mexico, as a triple completion (tubingless) in the North Justis-Devonian, North Justis Tubb-Drinkard and North Justis-Blinbry Pools with the production of oil from all zones to be through parallel strings of 2 7/8-inch, 2 3/8-inch, and 2 7/8-inch casing, respectively, cemented in a common well bore.

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

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

IT IS THEREFORE ORDERED:

(1) That the applicant, Texaco Inc., is hereby authorized to complete its G. L. Erwin "A" Well No. 1, located in Unit N, Section 35, Township 24 South, Range 37 East, NMPM, Lea County,

-2-

CASE No. 2551

Order No. R-2247

New Mexico, as a triple completion (tubingless) in the North Justis-Devonian, North Justis Tubb-Drinkard and North Justis-Blinebry Pools with the production of oil from all zones to be through parallel strings of casing cemented in a common well bore.

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

PROVIDED FURTHER, That the applicant shall take zone segregation tests upon completion and annually thereafter during the Gas-Oil Ratio Test Period for the Devonian formation.

(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/

**TEXACO**  
INC.

PETROLEUM PRODUCTS



*File 5.5.57*  
P. O. Box 728  
Hobbs, New Mexico  
April 10, 1962

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

Re: Application for Triple Tubingless  
Completion, G. L. Erwin "a" Well  
No. 1, Lea County, New Mexico

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

Gentlemen:

Attached is Texaco's Application for Triple Tubingless Completion for its G. L. Erwin "a" Well No. 1 located 330 feet from the south line and 2310 feet from the west line Section 35, Township 24 South, Range 37 East, Lea County, New Mexico. Texaco plans to complete this well as a triple tubingless oil completion in the North Justis-Devonian, North Justis-Tubb Drinkard, and North Justis-Blinebry Pools. It is anticipated that all zones will be oil completions and will flow initially. Approval has been granted previously by the New Mexico Oil Conservation Commission for these zones in other wells in the North Justis area.

Also attached is a copy of the plat showing the area immediately surrounding Texaco's G. L. Erwin "a" Lease and a diagrammatic sketch of the proposed triple tubingless completion.

It is respectfully requested that TEXACO Inc. be granted administrative approval for this application as provided for under Rule 112 A.

Yours very truly,

H. N. Wade  
Assistant District Superintendent

ODB-MSV

cc: NMOCC - Hobbs  
Offset Operators

Attachments

*Rec'd  
4/10/62*

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

TRIPLE  
APPLICATION FOR ~~DOCK~~ COMPLETION

Field Name		County		Date
North Justis (Devonian-Drinkard-Blinebry)		Lea		April 9, 1962
Operator		Lease		Well No.
TEXACO Inc.		G. L. Erwin "a"		1 33
Location of Well	Unit	Section	Township	Range
	N	35	24-S	37-E

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

See Attachment

3. The following facts are submitted:	Upper Zone	Middle Zone	Lower Zone
a. Name of reservoir	Blinebry	Drinkard	Devonian
b. Top and Bottom of Pay Section (Perforations)	5628-50	6027-39, 6050-56 6061-67, 6074-84 6108-10	7066-84 7098-7103 7116-7138
c. Type of production (Oil or Gas)	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow	Flow

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

**triple**

- Yes** a. Diagrammatic Sketch of the ~~DOCK~~ 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 ~~DOCK~~ completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application. \*
- Yes** 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.

Shell Oil Corporation, P. O. Box 1858, Roswell, New Mexico

Sinclair Oil & Gas Company, P. O. Box 1470, Midland, Texas

Delhi-Taylor Oil Corporation, P. O. Box 1821, Midland, Texas

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

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification **April 10, 1962 (By Registered Mail)**

CERTIFICATE: I, the undersigned, state that I am the **Asst. Dist. Supt.** of ~~DOCK~~ **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.

H. N. Wade

Signature

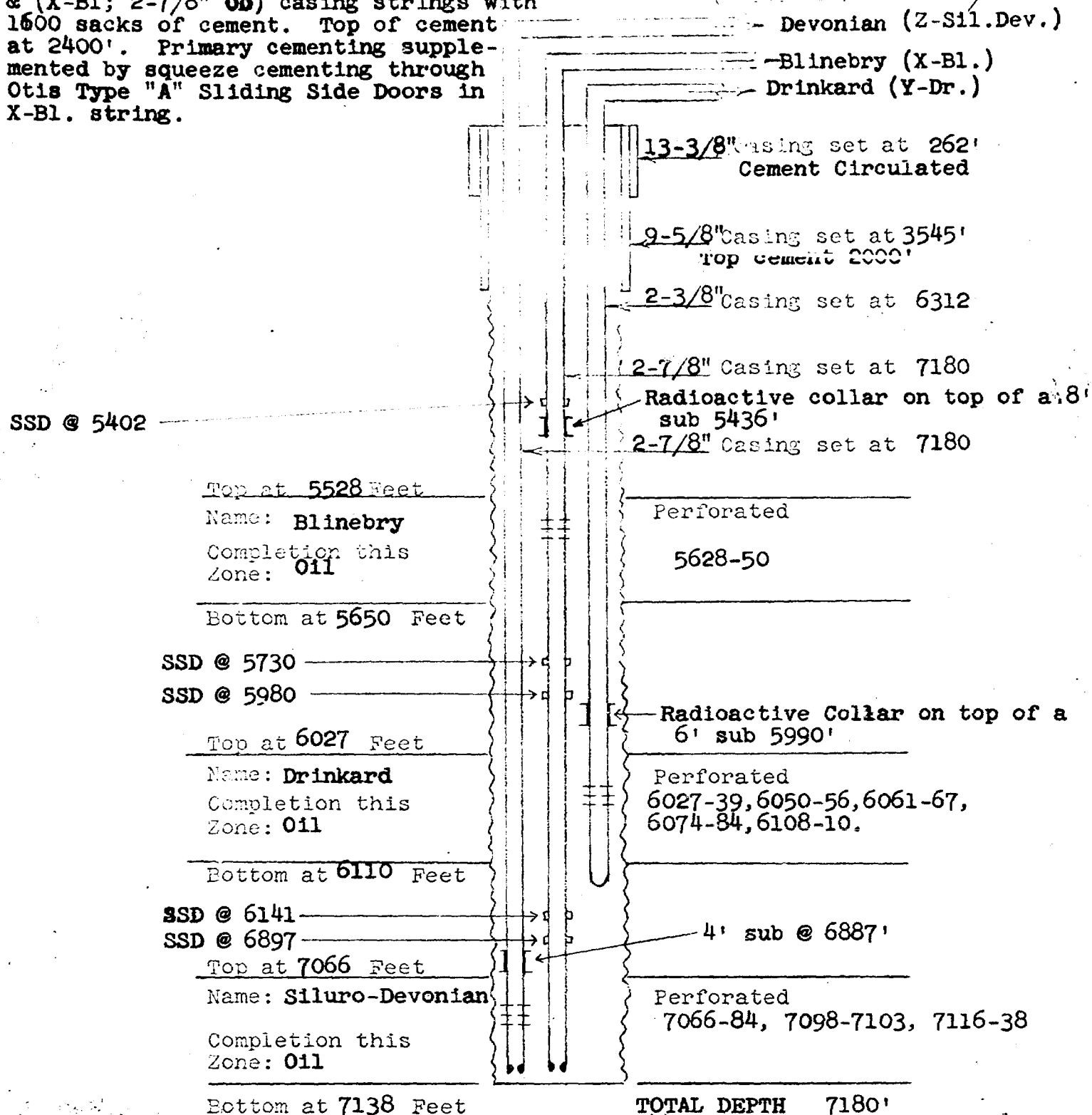
- \* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no 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.

Application for Triple Completion, Item 2. (Cont'd.)

- R-2121 J. G. Williamson, westates Federal Well No. 5 (Blinebry  
and Tubb-Drinkard)
- R-2109 TEXACO Inc., G. L. Erwin "b" NCT-2 Well No. 2 (Ellen-  
burger, McKee, Fusselman, Devonian and Tubb-Drinkard)



NOTE: Cemented through (Z-Sil; 2-7/8" OD) & (X-B1; 2-7/8" OD) casing strings with 1600 sacks of cement. Top of cement at 2400'. Primary cementing supplemented by squeeze cementing through Otis Type "A" Sliding Side Doors in X-B1. string.



TEXACO Inc.

LEASE: G. L. Erwin (a) Well No. 1  
FIELD: North Justis (Devonian, Tubb-Drinkard, Blinebry)  
DATE: April 5, 1962

[illegible]

Lea County, New Mexico  
Scale 1" = 2000'

Shell Oil Corporation, Box 1858, Roswell, New Mexico  
Sinclair Oil & Gas Company, Box 1470, Midland, Texas  
Delhi-Taylor Oil Corporation, Box 1821, Midland, Texas  
Humble Oil and Refining Company, P. O. Box 2347, Hobbs, New Mexico

No. 14-62

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-

Blinebry Pools, with the production of oil from all zones to be through parallel strings of small diameter casing cemented in a common well bore.

CASE 2551:

Application of Texaco Inc., for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its G. L. Erwin "A" Well No. 1, located in Unit N of Section 35, Township 24 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) in the North Justis-Devonian, North Justis-Tubb Drinkard and North Justis-Blinebry Pools with the production of oil from all zones to be through parallel strings of small diameter casing cemented in a common well bore.

CASE 2552:

Application of Texaco Inc., for a quadruple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an amendment to Order R-2109 to permit the quadruple completion (tubingless) of its G. L. Erwin "B" NCT-2 Well No. 2, located in Unit J of Section 35, Township 24 South, Range 37 East, Lea County, New Mexico, in the North Justis-Blinebry Pool, North Justis Tubb-Drinkard Pool, an undesignated Paddock pool and an undesignated Devonian pool with the production of oil from all four zones to be through parallel strings of 2 3/8-inch casing cemented in a common well bore.

CASE 2553:

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 (conventional) of its C. H. Weir "B" Well No. 3, 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 2554:

Application of T. F. Hodge for an order creating a new pool and establishing temporary rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order creating a new pool for Pennsylvanian production; the discovery well for said pool is the Humble-State Well No. 1, located in

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 30 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 (NCF-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.

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO

Date 5/22/62

CASE 4551

Hearing Date 9am 5/10/62  
DSN @ SF

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

Enter an order approving Texaco's  
proposed triple completion (tubingless)  
to of its G.L. Erwin "a" Well No. 1,  
located Unit N, Sec 35, T24S, R37E,  
NMPM, Lea Co., to produce oil from  
the N. Gustin-Devonian, N. Gustin-Tub-  
Drinkard, & N. Gustin Blinley Pools  
through parallel strings of 2 $\frac{7}{8}$ , 2 $\frac{3}{8}$ ,  
and 2 $\frac{7}{8}$ -inch ~~E~~ casing cemented  
in a common well bore

Handwritten Signature  
\_\_\_\_\_  
SANTA FE, N.M.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

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 permission to com-  
plete its G. L. Erwin "A" Well No. 1,  
located in Unit N of Section 35, Township  
24 South, Range 37 East, Lea County, New  
Mexico, as a triple completion (tubing-  
less) in the North Justis-Devonian,  
North Justis-Tubb Drinkard and North  
Justis-Blinbry Pools with the produc-  
tion of oil from all zones to be through  
parallel strings of small diameter casing  
cemented in a common well bore.

Case 2551

BEFORE: Mr. Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

MR. NUTTER: We will call Case 2551.

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

MR. WHITE: May the record show the qualifications of  
the witness and the name of the witness who has so testified?

MR. NUTTER: Is this the same witness?



MR. WHITE: The same witness.

MR. MORRIS: And that he has been sworn.

C. R. BLACK

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

DIRECT EXAMINATION

BY MR. WHITE:

Q Mr. Black, will you state the location of the subject well?

A This is it, Case 2551. (Whereupon, Texaco's Exhibits 1 through 3 were marked for identification.)

Q Will you state the present status of the well?

A At the present time this well has been drilled and each of the three zones has been completed and is producing under a temporary order from the Commission pending the outcome of this hearing.

Q Will you now give the history of the well, please?

A Yes, sir. I would like to refer to Exhibit No. 2, which is a diagrammatic sketch of the actual triple completion installation. A 17½" hole was drilled to 262 feet. At that point we set 13 3/8" casing and cemented to the surface with 350 sacks. A 12½" hole was continued to 3545' and at that point we set 9 5/8" casing and cemented with a total of 1,000 sacks. The top of the cement as per temperature survey was found to be at





## DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 321-1182ALBUQUERQUE, N. M.  
PHONE 243-6691

2,000'. We then continued with an 8 3/4" hole to a total depth of 7180'.

I would like to amend Exhibit 2, at the base of the exhibit the total depth is shown as 5960. That depth should actually be 7180. At that time we then ran three strings of tubing in the hole. We ran two strings of 2 7/8ths and one string of 2 3/8" tubing on string X, designated as the Blinebry string. We ran sliding side doors at 5402', 5730', 5980', 6141', and 6897'. We then cemented down strings designated X and Z with a total of 1600 sacks of cement, and the cement top was found to be at 2400' by temperature survey. The primary cementing was then supplemented by squeezing cementing through each of the Otis Type "A" sliding side doors that I mentioned previously.

You will also notice on each of the three strings we have run short subjects with radioactive collars on each end of these subjects. The purpose of this is in our gamma ray correlation log for perforating.

Q Mr. Black, have the mechanics of this procedure been previously approved by the Commission?

A The mechanics we used to complete this well have been approved by the Commission for other multiple tubingless completions.

Q Will you now state the crude characteristics?



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PHONE 243-6691

A We perforated the Siluro-Devonian formation through various perforated intervals as shown on the exhibit, from 7066' to 7138'. On potential test of April 13, 1962 this well flowed 99 barrels of oil in eleven hours for a twenty-four hour rate of 216 barrels of oil through a 16/64" choke with a GOR of 465. This is intermediate type crude, intermediate sweet type crude with a gravity of 34.5 degrees. The bottom hole pressure was found to be 2747 psi, at a datum of minus 3857.

We then proceeded to perforate the Drinkard formation through various perforated intervals, as shown on the exhibit, from 6027' to 6110'. On potential test ending April the 11th, 1962 this zone flowed 105 barrels of oil in twenty-four hours through a 24/64" choke with a GOR of 900 to 1. This is also an intermediate sweet crude with a gravity of 32 degrees API. The bottom hole pressure was found to be 2514 psi, at a subsea datum of minus 2800'.

We then perforated the Blinbry zone through the interval 5628 to 5650. On potential test ending April 14, 1962 this zone flowed 72 barrels of oil in twelve hours, for 144 barrels of oil for a twenty-four hour rate. It was flowing through a 15/64" choke with a GOR of 864 to 1. This is a sour crude with a gravity of 33.8 degrees. We found the bottom hole pressure to be 2413 psi, at a subsea datum of 2300'.



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FARMINGTON, N. M.  
PO ONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243-6691

Q Mr. Black, do you anticipate any paraffin or corrosion problems in the Blinebry?

A In the Blinebry zone only we anticipate mild corrosion and paraffin problem.

Q Have you done anything to combat that situation?

A Yes, we have plastic coated the upper 1500' of this tubing string for paraffin, and for corrosion we will take periodic coupon surveys to determine if excessive corrosion is occurring. If we find it is we will take the necessary steps to correct this.

Q Can all of these zones be artificially lifted if it becomes necessary?

A Yes, they can.

Q Will you refer now to Exhibit 3?

A Exhibit 3 is a log of the, radioactivity log of the G. L. Erwin "A" Well No. 1. It shows the appropriate formation tops and the perforated intervals in the formation.

Q Have all these three zones been previously approved by the Commission in this area for multiple completions?

A Yes, sir, they have. The Shell State No. 1 J. M., a southeast diagonal to our No. 1, is a dual completion in the Devonian and Fusselman, and the J. C. Williamson Westates No. 5, located in Section 1, is a Blinebry-Drinkard dual completion, and all three of these zones have been involved in various



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FARMINGTON, N. M.  
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multiple completions in the area.

Q But not this particular setup?

A There is no well that has these particular three zones triply completed at this time.

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

A Yes, they were.

MR. WHITE: We offer Exhibits 1 through 3 in evidence.

MR. NUTTER: Texaco's Exhibits 1 through 3 will be introduced in evidence. Any questions of Mr. Black? He may be excused.

(Witness excused.)

MR. NUTTER: Anything further, Mr. White?

MR. WHITE: No. That completes our testimony.

MR. NUTTER: Does anyone have anything further they wish to offer in Case 2551? We will take the case under advisement and call Case 2550 again.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2551, heard by me on 5/10, 1962.

*[Signature]*, Examiner  
New Mexico Oil Conservation Division



STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO ) ss

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 31st day of May, 1962.

  
Notary Public-Court Reporter

My commission expires:

June 19, 1963.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

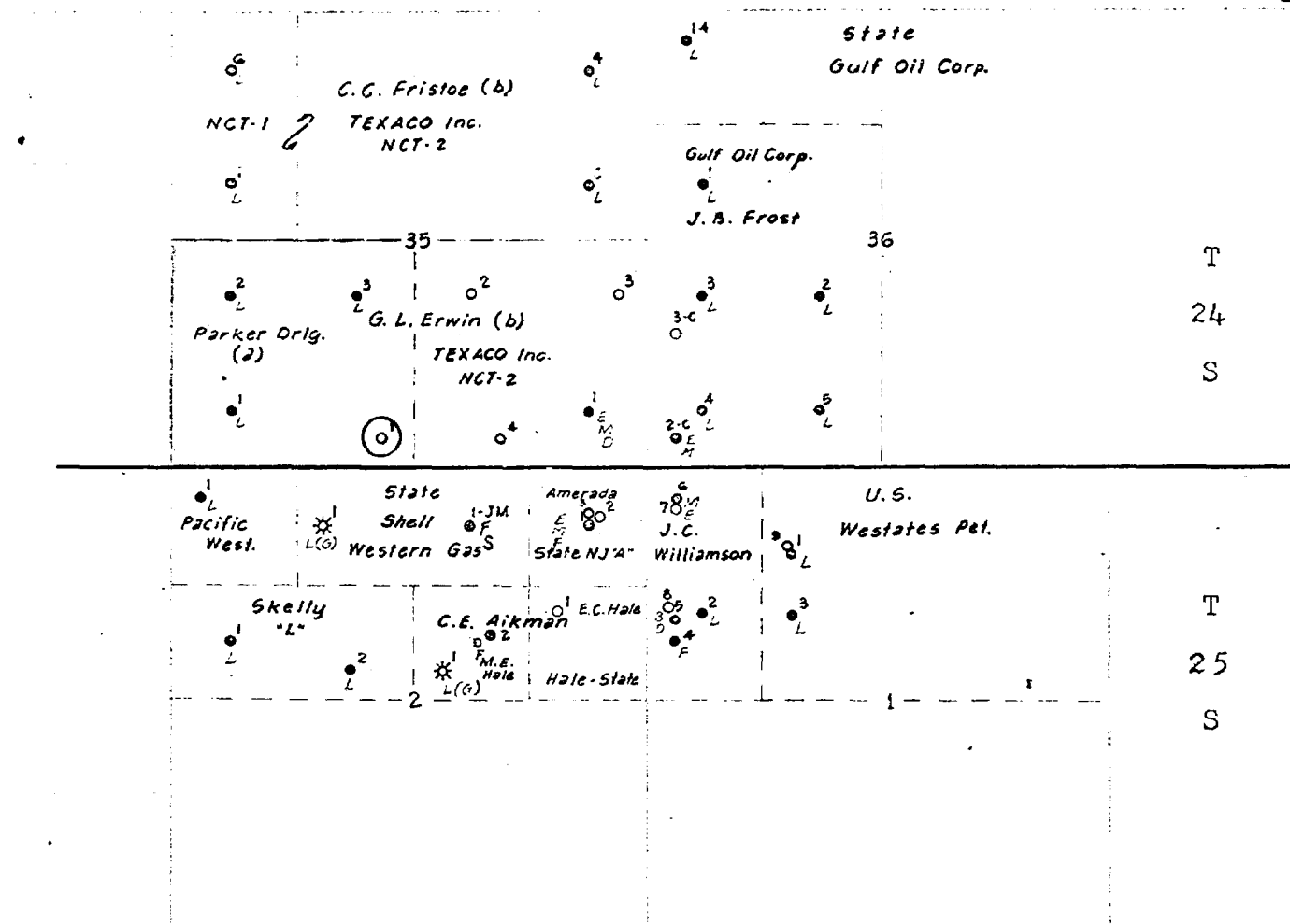
FARMINGTON, N. M.  
PHONE 325-1182

ALBUQUERQUE, N. M.  
PHONE 243-6691



BEFORE EXAMINER NUTTER  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 2550  
CASE NO. 2550

R-37-E



LEGEND  
L-Longlie Mattix  
L(G)-Longlie Mattix (Gas)  
E-North-Justice (Effenburger)  
M-North-Justice (McKee)  
D-North-Justice (Tubb-Drinkard)  
F-North-Justice (Fusselman)  
B-North-Justice (Blinsbry)

Scale: 1" = 2000'

PLAT OF TEXACO Inc. G. L. ERWIN "b" NCT-2 LEASE  
AND OFFSET LEASES  
Lea County, New Mexico  
Scale: 1" = 2000'

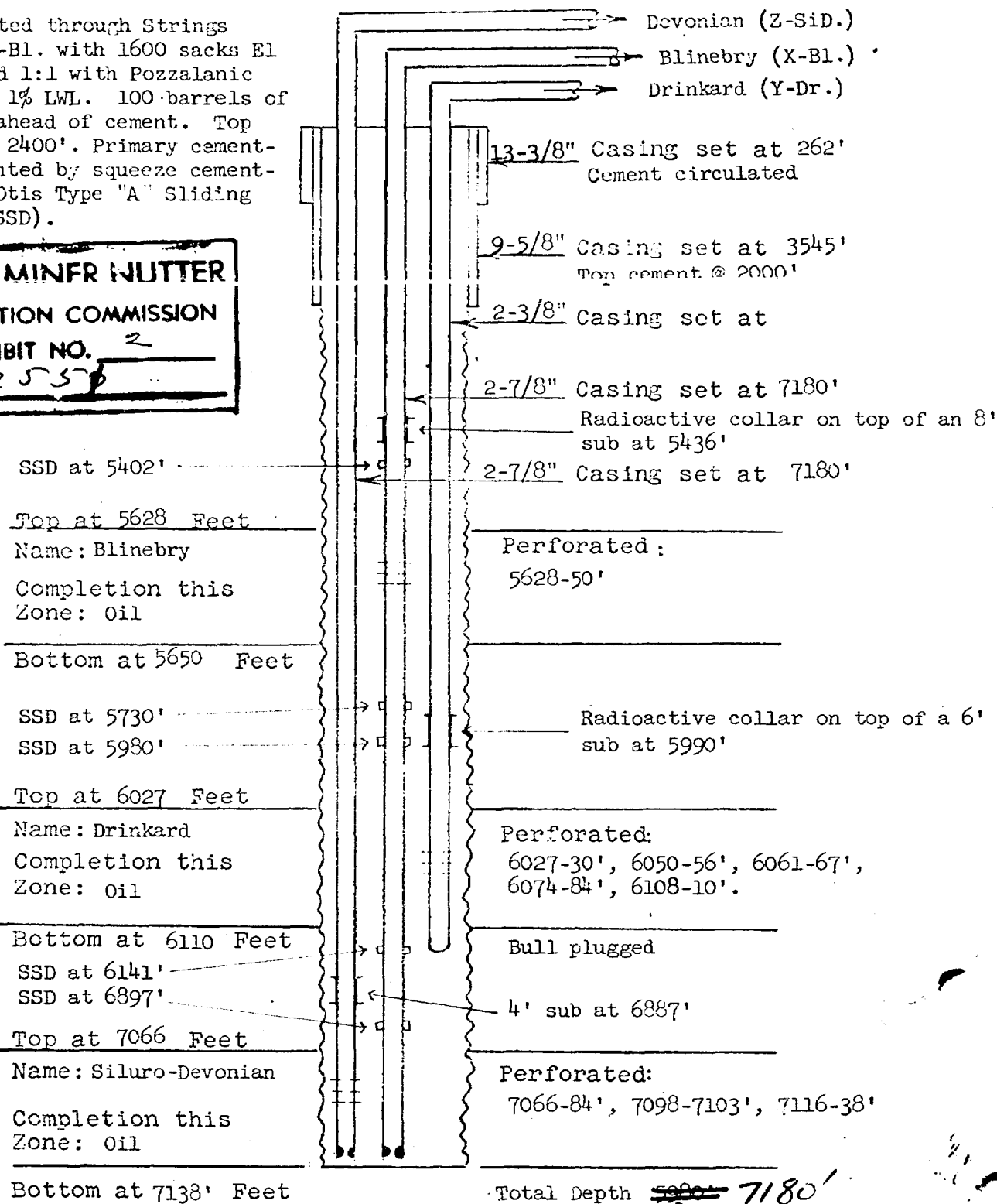
OFFSET OPERATORS

J. B. Frost - 2106 Tower Petroleum Bldg. - Dallas 1, Texas  
Parker Drilling Co. - Commerce Bldg. - Houston, Texas  
Amerada - Drawer D - Monument, New Mexico  
Western Gas - 1006 Main St. - Hobbs, New Mexico  
J. C. Williamson - 608 V&J Tower - Midland, Texas  
Gulf Oil Corp. - P. O. Box 2167 - Hobbs, New Mexico  
Shell Oil Corporation, Box 1858, Roswell, New Mexico

# DIAGRAMMATIC SKETCH OF TRIPLE COMPLETION INSTALLATION (TUBINGHEAD)

**NOTE:** Cemented through Strings Z-SiD. and X-B1. with 1600 sacks El Toro 35 mixed 1:1 with Pozzalanic material and 1% LWL. 100 barrels of fresh water ahead of cement. Top of cement at 2400'. Primary cementing supplemented by squeeze cementing through Otis Type "A" Sliding Side Doors (SSD).

**BEFORE EXAMINER NUTTER**  
**OIL CONSERVATION COMMISSION**  
**TEXACO EXHIBIT NO. 2**  
**CASE NO. 2553**



TEXACO Inc.

LEASE: G. L. Erwin (a) Well No. 1  
 FIELD: North Justis (Devonian, Tubb-Drinkard, Blinebry)  
 DATE: April 17, 1962