

CASE 2552: Application of TEXACO
for a quadruple completion of its
G. L. ERWIN "B" NCT-2 WELL NO. 2.

50-110

2552

fiction, Transcript,
// Exhibs. 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. 2552
Order No. R-2109-A

APPLICATION OF TEXACO INC. FOR
A QUADRUPLE 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 an amendment to Order No. 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, NMPM, Lea County, New Mexico, in the North Justis-Blinebry Pool, North Justis-Tubb Drinkard Pool, and in undesignated Paddock and Devonian Pools with the production from all zones to be through parallel strings of 2 3/8-inch casing cemented in a common well bore.

(3) That the mechanics of the proposed quadruple 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 "B" NCT-2 well No. 2, located in Unit J, Section 35, Township 24 South, Range 37 East, NMPM, Lea County,

-2-

CASE No. 2552

Order No. R-2109-A

New Mexico, as a quadruple completion (tubingless) in the North Justis-Blinbry, North Justis Tubb-Drinkard, and in undesignated Paddock and Devonian Pools with the production of oil from all zones to be through parallel strings of 2 3/8-inch 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 Order No. R-2109 is hereby superseded.

(3) 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 & Gilbert
P. O. Box 787
Santa Fe, New Mexico

Re: Case No. 2552
Order No. R-2109-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

TEXACO
INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT



44-2-552
RECEIVED
APR 11 1962
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 quadruple tubingless completion for its G. L. Erwin "B" NCT-2 Well No. 2. The completions will be in the Undesignated Glorieta (Paddock), North Justis Blinbry, North Justis Tubb-Drinkard, and Undesignated Devonian Pools, Lea County, New Mexico. Order No. R-2109 dated November 1, 1961, approved Texaco's application for a quintuple tubingless completion in the North Justis Ellenburger, and Undesignated McKee, Fusselman, Devonian, and Drinkard Pools. Upon drilling this well, however, it was found that all of the original proposed zones of completion were not productive. This well is now completed as a quadruple in the four above mentioned pools. By your letter of March 20, 1962, you advised that it would be necessary to set a hearing to amend Order No. R-2109. In support of our application we wish to state the following facts:

1. Texaco Inc. is the operator of the G. L. Erwin "B" NCT-2 containing 160 acres and consisting of the SE/4 of Section 35, T-24-S, R-37-E, Lea County, New Mexico.
2. The G. L. Erwin "B" NCT-2 Well No. 2 is located in Unit J, Section 35, T-24-S, R-37-E.
3. The Devonian formation is an oil completion and will be produced through a string of 2-3/8" OD tubing cemented in the well bore as casing.
4. The Drinkard zone is an oil completion and will be produced through a string of 2-3/8" tubing cemented in the well bore as casing.

Rec'd
Mailed
4/26/62

April 10, 1962

5. The Blinebry zone is an oil completion and will be produced through a string of 2-3/8" tubing cemented in the well bore as casing.
6. The Glorieta (Paddock) zone is an oil completion and will be produced through a string of 2-3/8" tubing cemented in the well bore as casing.
7. All four zones will flow initially.

Attached in triplicate are an application for quadruple completion and a plat of the G. L. Erwin "B" NCT-2 Lease. It is respectfully requested that this hearing be set 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

UNDESIGNATED GLORIETA
NORTH JUSTIS BLINEBRY

QUADRUPLE

APPLICATION FOR ~~DUAL~~ COMPLETION *Case 2552*

Field Name		NORTH JUSTIS TUBB-DRINKARD UNDESIGNATED DEVONIAN		County	LEA	Date	March 30, 1962
Operator		TEXACO Inc.		Lease	G. L. Erwin (b) NCT-2	Well No.	2
Location of Well	Unit	Section	35	Township	24-S	Range	37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the ~~XXX~~ completion of a well in these same pools or in the same zones within one mile of the subject well? YES _____ NO X **quadruple**
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. Top and Bottom of Pay Section (Perforations)	See Attachment	
c. Type of production (Oil or Gas)		
d. Method of Production (Flowing or Artificial Lift)		

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

Quadruple

- 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.*
- 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.

J. B. Frost, 2106 Tower Petroleum Bldg., Dallas 1, Texas

Parker Drilling Co., Commerce Bldg., Houston, Texas

Amerada Petroleum Corporation, Drawer D, Monument, New Mexico

Western Gas, 1006 Main Street, Hobbs, New Mexico

J. C. Williamson, 608 V & J Tower, Midland, Texas

Gulf Oil Corporation, Drawer 1938, Roswell, New Mexico

Shell Oil Corporation, Box 1858, Roswell, 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 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.

3. The following facts are submitted:

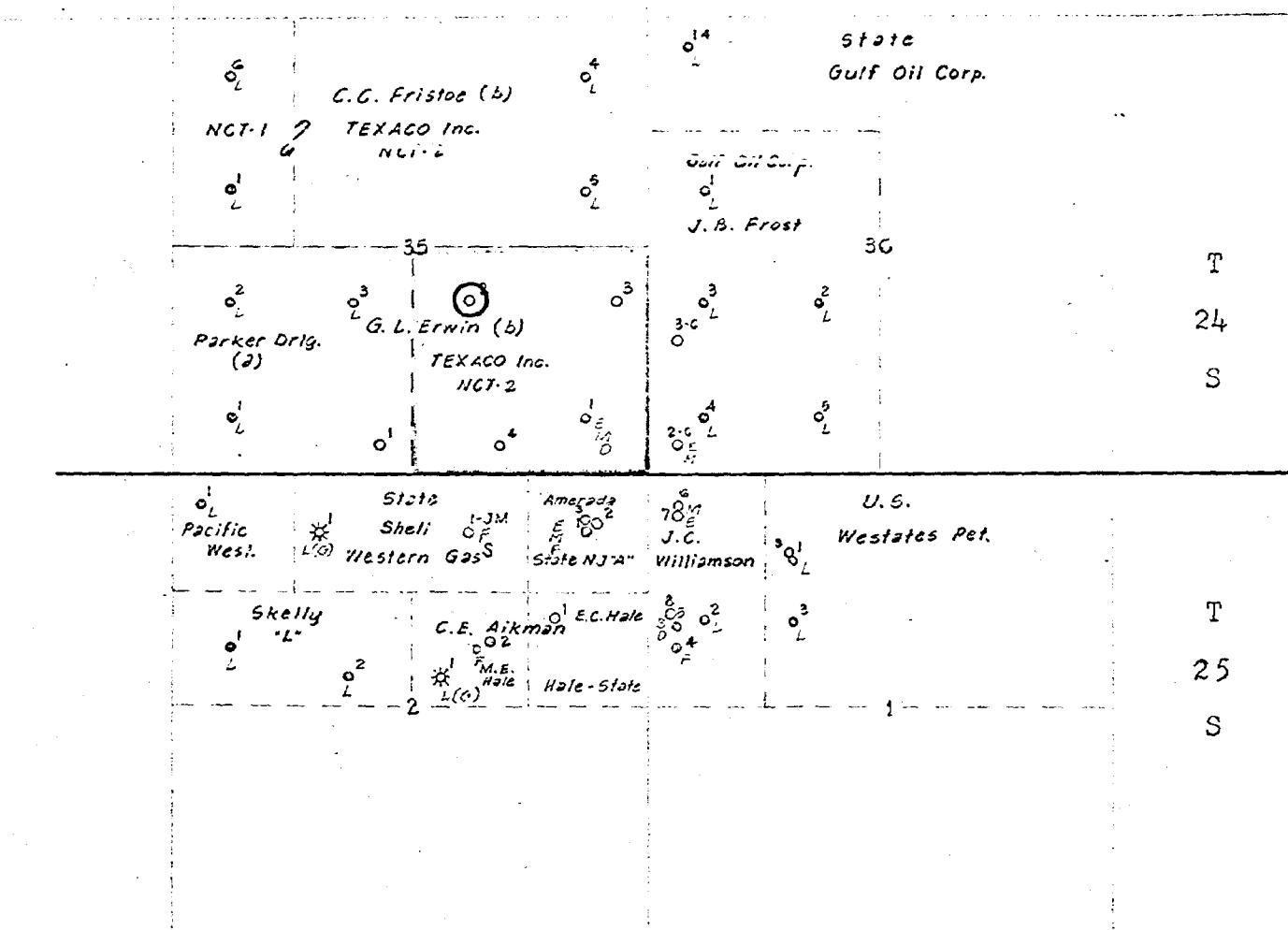
- a. Name of Reservoir
- b. Top and Bottom of Pay Section (Perforations)
- c. Type of Production (Oil or gas)
- d. Method of Production (Flowing or artificial lift)

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Zone V	Zone W	Zone X	Zone Y
Glorieta	Blinebry	Drinkard	Siluro-Dev.
4798-4806	5468-82', 5504-08', 5510-12', 5515-18'.	5990-94', 6000-05', 6015-22', 6026-30', 6062-66', 6072-79'.	7022-36', 7042-50'
Gas	Oil	Oil	Oil
Flow	Flow	Flow	Flow

2552

R-37-E



LEGEND

- L - Langlie Mattix
- L(G) - Langlie Mattix (Gas)
- E - North Justice (Ellenburger)
- M - North Justice (McKee)
- D - North Justice (Duhr-Drinkard)
- F - North Justice (Fusselman)
- B - North Justice (Blinchery)

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

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Date

5/22/62

CASE

2552

Hearing Date

9 AM

5/13/62

DSN 36

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

Enter an order ~~canceling~~
the cancelling Order No R-2109
and authorizing TEXACO to
quadruply complete its G.O.
Erwin "B" NCT-2 Well No 2 in
Undesignated Paddock, N. Justin-
Blintery, N. Justin Tusa-Drinkard,
and Undesignated Devonian
Pools, N. Justin Fld Lea Co. N.M.
Well is located Unit 5, Acc 35, T-245-R37E
Production will be oil from each zone
and will be through parallel
strings of 2 3/8 casing cemented in
a common well bore.

[Signature]
SECRETARY

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 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.

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

EXAMINER HEARING

IN THE MATTER OF:

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-Blindbry 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 2552

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: We will call Case 2552. Application of Texaco Inc., for a quadruple completion, Lea County, New Mexico.

MR. WHITE: May the same record show the same witness is testifying, that his qualifications have been accepted and he has been duly sworn?

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
PHONE 325-1182ALBUQUERQUE, N. M.
PHONE 243-3691

MR. NUTTER: The record will so show.

(Whereupon, Texaco Inc. Exhibits
Nos. 1, 2 and 3 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 Mr. Black, will you refer to what has been marked
Exhibit No. 1 and state the location of the well and the other
information shown on the exhibit?

A Yes, sir. Exhibit No. 1, again, is a plat showing the
immediate area surrounding the Texaco G. L. Erwin "B" Lease.
The lease is bordered in yellow, and the subject well is circled
in red. The footage location is 1980 feet from the east and south
lines of Section 35, Township 24 South, Range 37 East. Also
shown on this plat are the offset operators with their wells and
the appropriate field designation for each well being shown be-
low it. At the base of the exhibit is a list of the offset
operators and their mailing addresses.

Q Will you give the present status of this well?

A At the present time this well has been drilled and
each zone has been completed, and three of the zones are producing

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PHONE 243-6691



under a temporary order from the Commission 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-2109, dated November 1st, approved Texaco's application for a quintuple tubingless completion in the Ellenberger, McKee, Fusselman, Devonian and Drinkard formations. However, upon drilling this well, it was found that the Ellenberger, McKee and Fusselman were not productive and that this well is currently completed in the Blinebry, Drinkard, Devonian and Paddock formations.

Q Are the mechanics as to the completion the same as set forth and permitted by the subject order?

A Yes, the mechanics of the completion are the same as was approved in Order R-2109.

Q You may now refer to what has been marked as Exhibit 2 and give the well history.

A Exhibit No. 2 is a diagrammatic sketch of the quadruple installation. A 20" hole was drilled to 246'. At that point we set 16" casing. We circulated cement to the surface with 335 sacks. We then continued with a 13-3/4" hole to 3450', and at that point we set 11-3/4" casing, cemented with a total of 1000 sacks, and the top of the cement was found at 2080' by a

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ALBUQUERQUE, N. M.
PHONE 243-6691

temperature survey. We continued on to 7652' with a 10-5/8" hole, and at that point we reduced the hole to 8-3/4".

As stated previously, we carried this well on down to the Ellenberger formation, but we found that the Ellenberger, McKee and Fusselman were not productive, or the Ellenberger and McKee at that time we determined were not productive. Therefore, we plugged back with cement plugs in the open hole back to a total depth of 7500'. At that time we then ran five strings of tubing. We ran four strings of 2-3/8" tubing and one string of 2-7/8" tubing. We then cemented through strings designated as X, Y and Z with 1760 sacks of Incor, 8% gel. cement, and the top of the cement was found to be at 2150' by temperature survey.

As previously testified in other cases, we supplemented the primary cement job with squeeze treatments through the Otis Type "A" sliding side doors that are shown to be installed in string Z. These doors are installed at various intervals as shown on the exhibit.

Q Now, Mr. Black, will you briefly review the crude characteristics?

A Yes, sir. The exhibit shows the Fusselman zone. We did perforate this zone and found that it was all water. It has been squeezed with 100 sacks, and the top of the plug in string Z is at 5741'.



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The Siluro-Devonian, or Devonian formation was perforated through various perforated intervals from 7022 to 7050. These intervals are shown on the exhibit. On potential test ending March March 23, 1962 this well flowed 40 barrels of oil plus 15 barrels of water in twenty-four hours with an 18/64 choke, with a GOR of 6837 to 1. It's an intermediate sweet crude with a gravity of 38 degrees, and the bottom hole pressure in this particular well was found to be 2000 psi at minus 3857'.

We then perforated the Drinkard through various perforated intervals as shown on the exhibit from 5990' to 6079'. On potential test ending March 25th, 1962 this well flowed 96 barrels of oil in twenty-four hours with a 15/64" choke with a GOR of 2125 to 1. It also is an intermediate sweet crude with a gravity of 38 degrees. The bottom hole pressure was found to be 2413 psi at a minus 2800'.

We then perforated the Blinbry zone through various perforated intervals from 5468 to 5518. On potential test ending March 9, 1962 this zone flowed 512 barrels of oil in twenty-four hours through an 18/64 choke with a GOR of 1430 to 1. This is a sour crude with a gravity of 37.8 degrees, and the bottom hole pressure was found to be 2289 psi at a minus 2300'.

We then perforated the Paddock or Glorieta formation from 4798' to 4806'. This is a gas zone, and on a test of April 4th,



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1962. It flowed in eight hours at a rate of 1451 MCF per day through a 22/64" choke with a flowing tubing pressure of 1000 psi. During this eight-hour period it also flowed in conjunction with the gas, 5.5 barrels of oil. The bottom hole pressure is found to be 1918 psi at a subsea datum of minus 1775'.

Q In regard to the Blinebry, what steps have you taken to meet the corrosion problems?

A In the Blinebry, again, we do expect mild corrosion and paraffin, and we have plastic coated the upper 1500' of this string of tubing and we will take periodic coupon surveys to determine if excessive corrosion is occurring. In the Paddock formation, we expect a fair amount of corrosion and paraffin; therefore, we have coated the entire tubing string that the Paddock will be producing through. Again we will take periodic coupon surveys to protect our surface equipment with this Paddock gas.

Q Will you now identify Exhibit 3?

A Exhibit 3 is a log of the subject well with the various formation tops and perforated intervals being shown in red.

Q Do you have any further statement to make in regard to this case?

A No, I do not.

Q Were Exhibits 1 through 3 prepared by you or under



your supervision or direction?

A Yes, sir, they were.

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

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

(Witness excused.)

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

MR. WHITE: That's all.

MR. NUTTER: Does anyone have anything further they wish to offer in Case 2552? We'll take the case under advisement and call a fifteen minute recess.

(Whereupon, a recess was taken.)

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PHONE 243-6691



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PHONE 325-1182

ALBUQUERQUE, N. M.
PHONE 243-6691

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

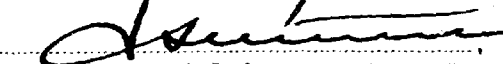
I, ADA DEARNLEY, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 1st day of June, 1962.


Notary Public-Court Reporter

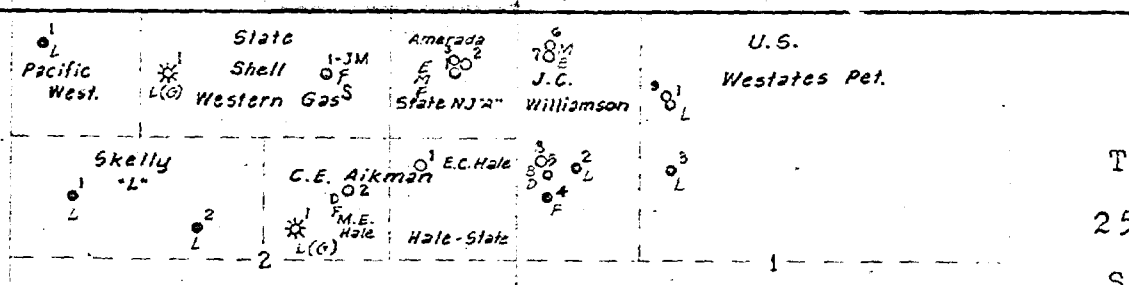
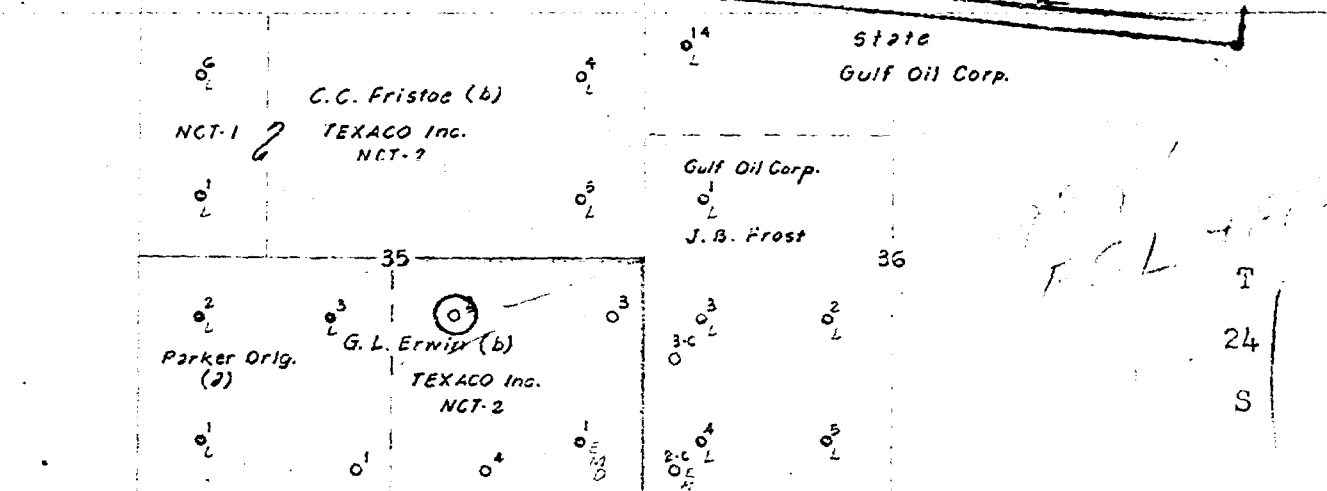
My commission expires:
June 19, 1963.

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 2552 heard by me on 5/10, 1962.


Examiner
New Mexico Oil Conservation Commission



BEFORE EXAMINED
 OR CONSERVATION COMMISSION
 EXHIBIT NO. L
 CASE NO. 2552



LEGEND

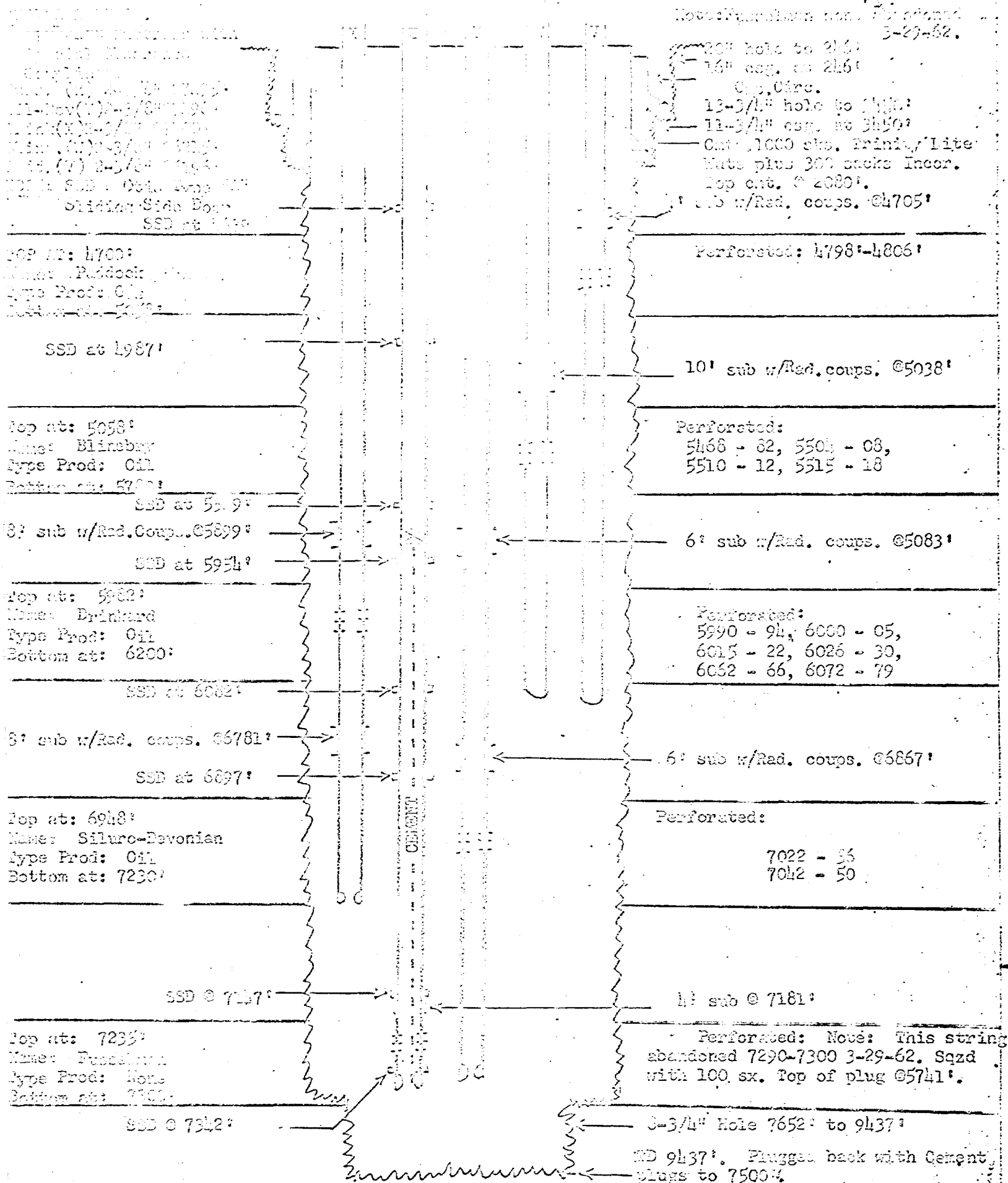
- L - Langlie Mattix
- L(G) - Langlie Mattix (Gas)
- E - North-Justice (Ellenburger)
- M - North-Justice (McKee)
- D - North-Justice (Tubb-Drinkard)
- F - North-Justice (Fusselman)
- B - North-Justice (Blincoy)

R2107
E
M
D
F
B
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



CEMENT PROGRAM ON FIELD TUBING (O.S.B.C.) STRINGS: Cemented through X, Y, & Z strings with 1760 sacks Incon, 3% gel. Top cement by temp. survey @2150'. Supplemented primary cement job with block squeezes through SSD's with 50 sacks at each setting.

BEFORE EXAMINER NUTTER
 OIL CONSERVATION COMMISSION
 EXHIBIT NO. 2
 CASE NO. 2552