

CASE 2466: Application of SHELL for
a 320-acre non-standard gas pro-
duction unit - Turner Well No. 7.

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lication, Transcript,
all 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. 2466
Order No. R-2161

APPLICATION OF SHELL OIL COMPANY
FOR A 320-ACRE NON-STANDARD GAS
PRORATION UNIT, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 4, 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 10th day of January, 1962, the Commission, a quorum being present, having considered the application and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

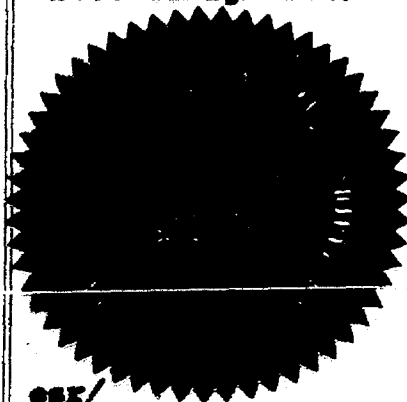
(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Shell Oil Company, has requested that Case No. 2466 be dismissed.

IT IS THEREFORE ORDERED:

That Case No. 2466 is hereby dismissed.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

E. L. Mechem
EDWIN L. MECHEM, Chairman

E. S. Walker
E. S. WALKER, Member

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

esk/

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

January 10, 1962

Re: CASE NO. 2466

ORDER NO. R-2161

APPLICANT:

~~Shell Oil Company~~

Mr. Oliver Seth
Seth, Montgomery, Federici & Andrews
P. O. Box 828
Santa Fe, New Mexico

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.

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 1-8-62

CASE 2466

Hearing Date 9 am 1-4-62

DSN @ SF

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

Dismiss as requested by applicant

[Signature]

Staff Member

A. K. MONTGOMERY
OLIVER SETH
WM. FEDERICI
FRANK ANDREWS
FRED C. HANNAHS
GEORGE A. GRAHAM, JR.

SETH, MONTGOMERY, FEDERICI & ANDREWS

ATTORNEYS AND COUNSELORS AT LAW

301 DON GASPAR AVENUE
SANTA FE, NEW MEXICO

December 28, 1961

J. O. SETH
COUNSEL

POST OFFICE BOX 828
TELEPHONE YU 3-7315

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

Attention: Mr. A.L. Porter, Jr.
Secretary-Director

Re: Case No. 2466
Shell Oil Company

Gentlemen:

The Shell Oil Company who is the applicant in case No. 2466 which is set on the Examiner's Docket for Thursday, January 4th, 1962, has requested us to file a formal dismissal of the case. Please consider this letter to be such a motion for dismissal.

Very truly yours,

OS:fa
cc: Shell Oil Company
(Mr. R. L. Rankin)

Oliver Seth

No. 1-62

DOCKET: EXAMINER HEARING - THURSDAY - JANUARY 4, 1962

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM
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 2448: (Continued)

Application of Pan American Petroleum Corporation for a pressure maintenance project, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project on its C. J. Holder, State Holder Oil Unit, State "CA", State Oil Unit and Gallegos Canyon Unit Leases, San Juan County, New Mexico, in the Cha Cha-Gallup Oil Pool with water injection initially to be through five wells located in Sections 8 and 16, Township 28 North, Range 13 West, and Section 23, Township 28 North, Range 12 West, and requests adoption of special rules to govern the operation of said project.

CASE 2449: (Continued)

Application of Pan American Petroleum Corporation for a pressure maintenance project, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks permission to institute a pressure maintenance project on its Navajo Tribal "H" and Gallegos Canyon Unit Leases, San Juan County, New Mexico, in the Totah-Gallup Oil Pool with water injection initially to be through five wells located in Section 35, Township 29 North, Range 13 West, Section 12, Township 28 North, Range 13 West, and Sections 13 and 24, Township 29 North, Range 14 West, and requests adoption of special rules to govern the operation of said project.

CASE 2429: (Continued)

Application of Standard Oil Company of Texas for approval of the Jurnegan Point Unit Agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Jurnegan Point Unit Agreement embracing 10,240.84 acres, more or less, of State and fee lands in Township 24 South, Ranges 24 and 25 East, Eddy County, New Mexico.

CASE 2452: (Continued)

Application of Southwest Production Company for an order pooling all mineral interests in the Basin-Dakota Gas Pool in the W/2 of Section 7, Township 30 North, Range 11 West, San Juan County, New Mexico. Interested parties include Maleta Y. Brimhall, Phoenix, Arizona, and Barbara Brimhall Burnham, Aztec, New Mexico.

CASE 2463:

Application of Amerada Petroleum Corporation for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its L. M. Lambert Well No. 2, located in Unit G of Section 6, Township 20 South, Range 37 East, Lea County, New Mexico, as a dual completion (conventional) in the Grayburg and McKee zones in the Monument Field, with the production of gas from the Grayburg zone to be through a string of 1 1/2-inch tubing and the production of gas from the McKee zone to be through a parallel string of 2 3/8-inch tubing.

CASE 2464:

Application of Amerada Petroleum Corporation for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its State NJ "A" Well No. 1, located in Unit A of Section 2, Township 25 South, Range 37 East, Lea County, New Mexico, as a triple completion (combination) in the McKee, Fusselman and Ellenburger zones in the North Justis Field, with the production of oil from the Fusselman and Ellenburger zones to be through tubing installed within parallel strings of 3 1/2-inch casing and the production of oil from the McKee zone to be through a parallel string of 2 7/8-inch casing, all of said casing strings to be cemented in a common well bore.

CASE 2465:

Application of Skelly Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Hobbs "N" Well No. 1, located in Unit D of Section 8, Township 18 South, Range 35 East, Lea County, New Mexico, as a dual completion (conventional) in the Vacuum-Abo Pool and in an undesignated Drinkard pool, with the production of oil from both zones to be through parallel strings of 2 1/16-inch tubing.

CASE 2466:

Application of Shell Oil Company for a 320-acre non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to establish a

320-acre non-standard gas proration unit in the Eumont Gas Pool, comprising the S/2 of Section 22, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the Turner Well No. 7, located at an unorthodox location 1650 feet from the South line and 330 feet from the West line of said Section 22.

CASE 2467:

Application of Shell Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 12, located 4620 feet from the South line and 660 feet from the East line of Section 4, Township 21 South, Range 37 East, Lea County, New Mexico, as a dual completion (tubingless) in the Drinkard and Blinebry Oil Pools, with the production of oil from both zones to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2468:

Application of Shell Oil Company for a triple completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Livingston Well No. 11, located 3300 feet from the South line and 660 feet from the West line of Section 3, Township 21 South, Range 37 East, Lea County, New Mexico, as a triple completion (tubingless) in the Drinkard Oil, Tubb Gas and Blinebry Oil Pools, with the production of oil from the Drinkard and Blinebry zones and the production of gas from the Tubb zone to be through parallel strings of 2 7/8-inch casing cemented in a common well bore.

CASE 2469:

Application of El Paso Natural Gas Company for an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order establishing special rules and regulations for the Lusk-Strawn Pool, Lea County, New Mexico, including provisions for 160-acre proration units and a limiting gas-oil ratio of 4000 to 1.

CASE 2470:

Application of J. R. Cone for a 40-acre non-standard gas proration unit and for an exception to Order No. R-1670, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the establishment of a 40-acre non-standard gas proration unit in the Blinebry Gas Pool comprising the NE/4 SE/4 of Section 21, Township 21 South, Range 37 East, Lea

County, New Mexico, said unit to be dedicated to the Anderson Well No. 2, located 1650 feet from the South line and 330 feet from the East line of said Section 21. Applicant further seeks an exception to Rule 34 (A) of the special rules and regulations for the Blinebry Gas Pool as contained in Order No. R-1670, to permit the gas produced from said Anderson Well No. 2 to be produced into a low-pressure separator only.

CASE 2471:

Application of Leonard Oil Company for a dual completion, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to complete its Federal Ginsberg Well No. 8, located in Unit M of Section 31, Township 25 South, Range 38 East, Lea County, New Mexico, as a dual completion (conventional) in the Langlie-Mattix and Justis-Blinebry Pools, with the production of oil from both zones to be through parallel strings of 2 3/8-inch tubing, separation of the zones to be by a liner re-entry shoe seal assembly.

CASE 2472:

Application of Newmont Oil Company for approval of a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval of the West Loco Hills Grayburg No. 4 Sand Unit Agreement, covering 5320 acres, more or less, in Townships 17 and 18 South, Ranges 29 and 30 East, Eddy County, New Mexico.

CASE 2473:

Application of Newmont Oil Company for expansion of its Loco Hills Waterflood Project, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks permission to expand its Loco Hills Waterflood Project to include the proposed West Loco Hills Grayburg No. 4 Sand Unit Area, comprising 5320 acres, more or less, in Townships 17 and 18 South, Ranges 29 and 30 East, Eddy County, New Mexico.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

December 1, 1961

C
O
P
Y

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

Attention: Mr. R. L. Rankin,
Division Production Manager

Gentlemen:

Reference is made to your application for administrative approval to dually complete your Turner Well No. 7 in the Penrose-Skelly Oil and Fumont Gas Pools, and for the establishment of a 320-acre non-standard gas proration unit in the Fumont Gas Pool to be dedicated to your Turner Well No. 7 in Section 22, Township 21 South, Range 37 East, Lea County, New Mexico.

Your application to dually complete your Turner Well No. 7 is eligible for administrative approval, however, in regard to your application for the establishment of a 320-acre non-standard gas proration unit, your attention is directed to Order No. R-1670, Rule 5(B) establishing General Rules and Regulations for South-eastern New Mexico, which requires location of a well to be 660 and 1980 feet from the two nearest boundary lines of a 320-acre non-standard gas proration unit in gas pools where the standard gas proration unit is 640 acres.

In view of the fact that the location of your Turner Well No. 7 is at an unorthodox location under the above-mentioned Rule 5(B), your application for a 320-acre non-standard gas proration unit in the Fumont Gas Pool is being set for hearing before one of the Commission's Examiners on January 4, 1962.

Please advise in the event I can be of further assistance to you in this matter.

Very truly yours,

J. E. WHITFIELD
Legal Assistant

*Docket
Mailed
12-20-61*
JEW/esr

cc: Oil Conservation Commission - Hobbs



SHELL OIL COMPANY

P. O. Box 1858
Roswell, New Mexico

November 29, 1961

Subject: Shell Turner 7, Unit L
Section 22, T-21-S, R-37-E
Lea County, New Mexico

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

Gentlemen:

Enclosed is an application to dual complete our Turner No. 7 in the Penrose Skelly (Oil) and Eumont (Gas) Pools, Lea County, New Mexico. Furthermore, please consider this letter as an application for a 320-acre nonstandard Eumont gas proration unit to be dedicated to the subject well as outlined on the attached plat. The gas proration unit will consist of the S/2 of Section 22, T-21-S, R-37-E.

Our intention is to produce the Penrose Skelly oil through tubing and the Eumont gas through the casing-tubing annulus. This method will be similar to that employed in the Gulf King No. 6, located in Unit D, Section 28, T-21-S, R-37-E, which also produces from these two pools. Based on the performance of the King 6 and other nearby Eumont gas wells, the Eumont pay in Turner 7 is expected to have a 72-hour shut-in pressure of approximately 750 psi and will produce dry gas at a top allowable rate.

All operators listed in Item 5 of the attached application have been notified by copies of this letter. Please advise if further information is desired concerning this request.

Very truly yours,

R. L. Rankin
Division Production Manager

Attachments

cc: New Mexico Oil Conservation Commission (2)
P. O. Box 2045
Hobbs, New Mexico

cc: All Operators listed in
Item 5 of the Application

Set of hearing on 320-acre unit
W. A. Rankin
Case 2466

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Case 2468
7-3-58

APPLICATION FOR DUAL COMPLETION

Field Name Penrose Skelly (Oil) - Eumont (Gas)		County Lea	Date November 29, 1961
Operator Shell Oil Company		Lease Turner	Well No. 7
Location of Well L	Section 22	Township 21-S	Range 37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the dual completion of a well in these same pools or in the same zones within one mile of the subject well? YES ☒ NO ☐
2. If answer is yes, identify one such instance: Order No. DC-970; Operator, Lease, and Well No.: Gulf Oil Corporation, Eunice King No. 6

3. The following facts are submitted:	Upper Zone	Lower Zone
a. Name of reservoir	<u>Eumont (Seven Rivers) Gas</u>	<u>Penrose Skelly (Grayburg) Oil</u>
b. Top and Bottom of Pay Section (Perforations)	<u>3134'-3448'</u>	<u>3658'-3729'</u>
c. Type of production (Oil or Gas)	<u>Gas</u>	<u>Oil</u>
d. Method of Production (Flowing or Artificial Lift)	<u>Flowing</u>	<u>Flowing</u>

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

Yes a. Diagrammatic Sketch of the Dual Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

Yes 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.

Cone, S. E., Oil Royalties, Great Plains Life Building, Lubbock, Texas

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

Gulf Oil Corporation, P. O. Box 2167, Hobbs, New Mexico

Hunt Oil Company, P. O. Box 192, Midland, Texas

Sunray Mid-Continent Oil Company, 1101 Wilco Building, Midland, Texas

Tidewater Oil Company, P. O. Box 547, Hobbs, New Mexico

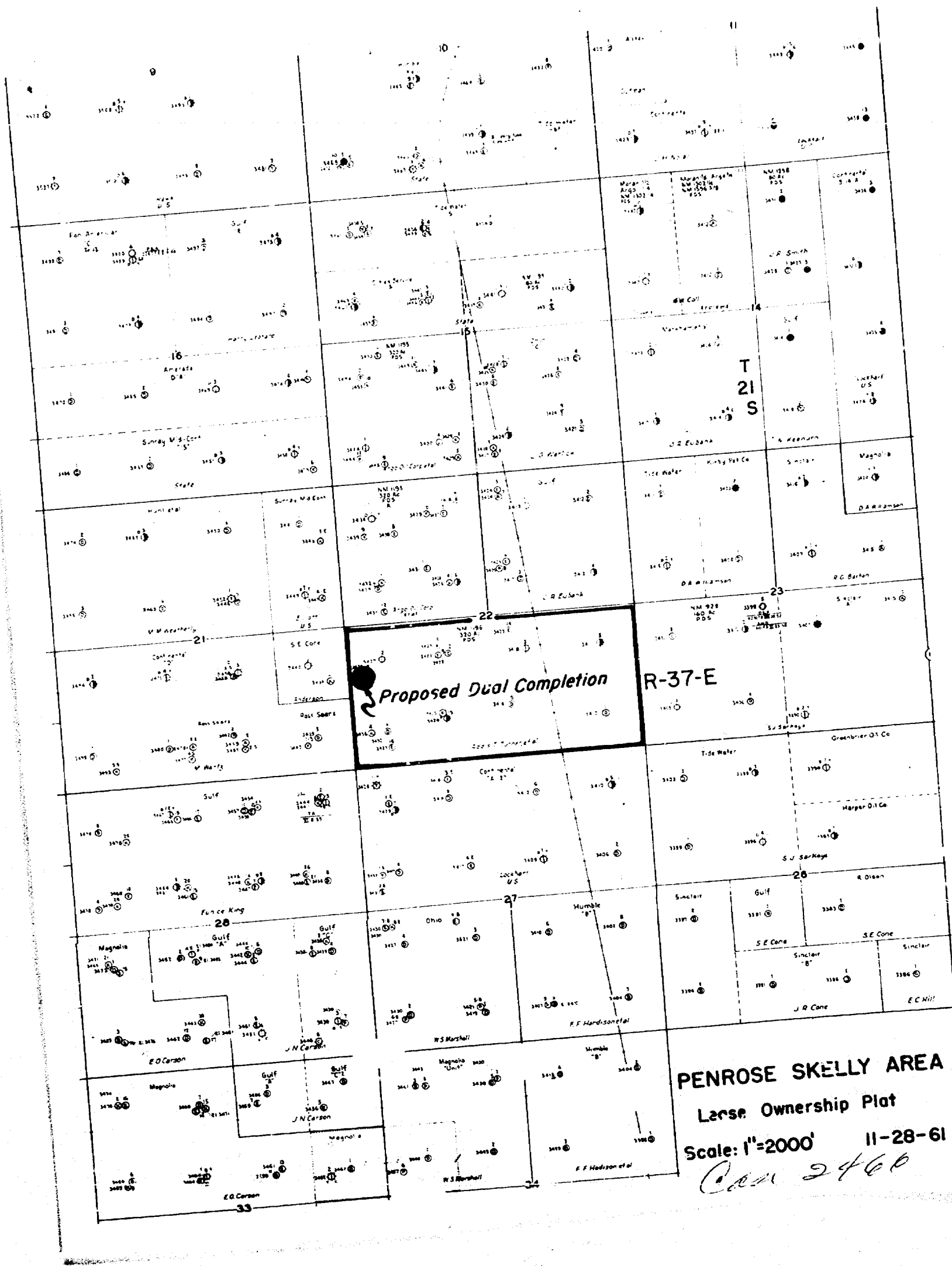
6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO ☐ . If answer is yes, give date of such notification November 29, 1961

CERTIFICATE: I, the undersigned, state that I am the Division Engineer of the Shell Oil 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.

J. H. Goatley

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 perforation unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.



FRONTIER PERFORATORS, INC.

COMPANY SHELL OIL COMPANY

WELL A.T. TURNER NO. 1

FIELD WILSON

COUNTY LEA STATE NEW MEXICO

LOCATION 1650' FSL & 330' FWL

OTHER SERVICES:

SEC. 22 TWP. 21-S. RGE. 37-E

Permanent Datum C.M.F. Elev 3470

Log Measured from D.F. 10 ft above Perm. Datum

Elev. K.B.

D.F. 3430

G.L. 3470

Driller Measured from

Date 8-9-41
 Run No. 150708
 Type Log G.P. NELSON
 Depth Driller 7510
 Depth Logger 7510
 Bottom Logged Interval 7509
 Top Logged Interval 7500
 Type Fluid in Hole WATER
 Salinity PPM CL
 Density LB./Gal.
 Level FULL
 Max. Recorded Temp. Deg. F.
 Opt. Bit Time 6 HOURS
 Recorded by DUNKEL
 Witnessed by MR. JACK DUNKEL

RUN NO.	BORE HOLE RECORD			CASING RECORD		
	IN	From	To	Wet	From	To
1-1/2	2910	8-10	8-5/8	178	SURF	2910
			8-1/2		SURF	8-10

Reported By
 West Texas Electrical Log Service
 Dallas 2, Texas

REFERENCE A 5216



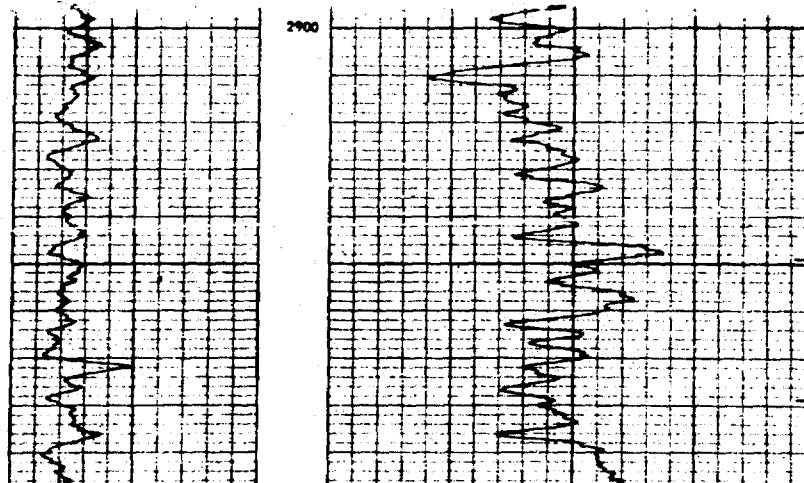
COMPLETION RECORD

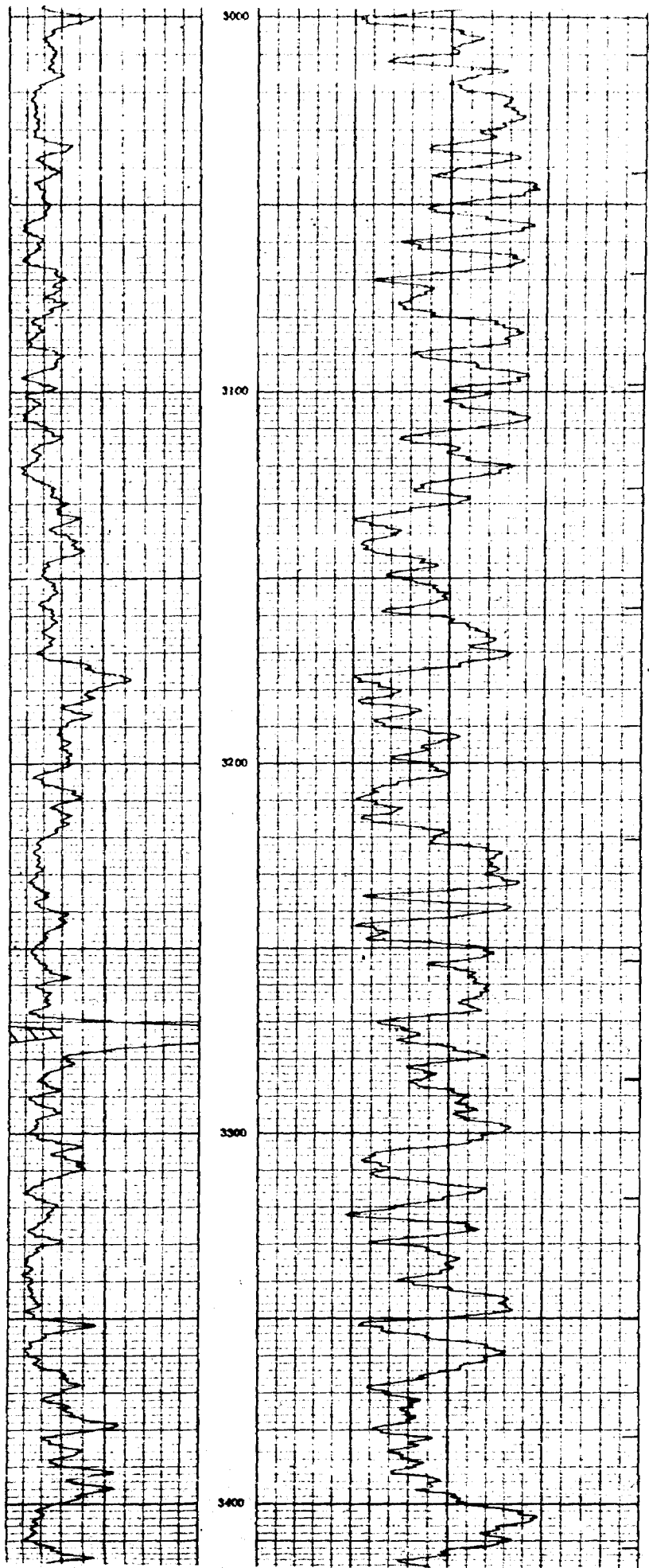
SPUD DATE

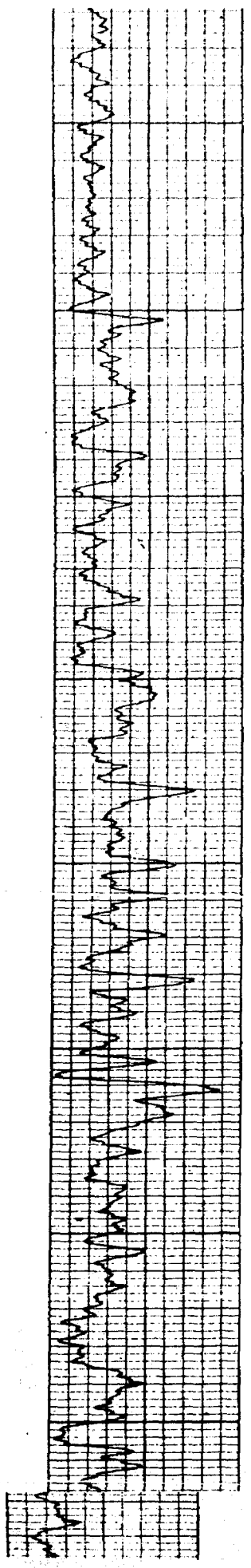
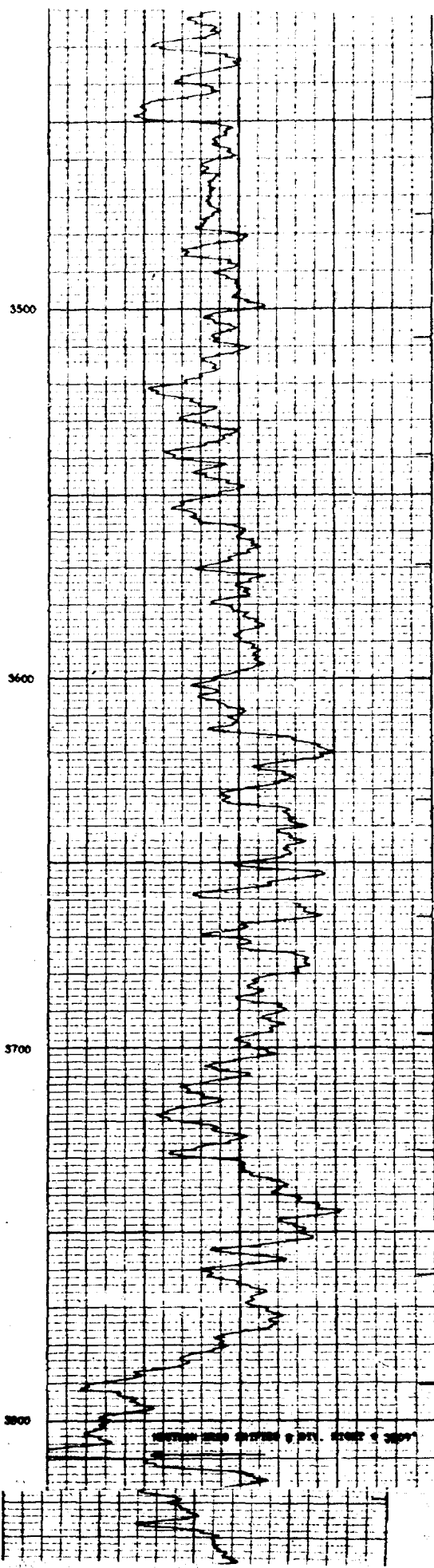
COMP DATE

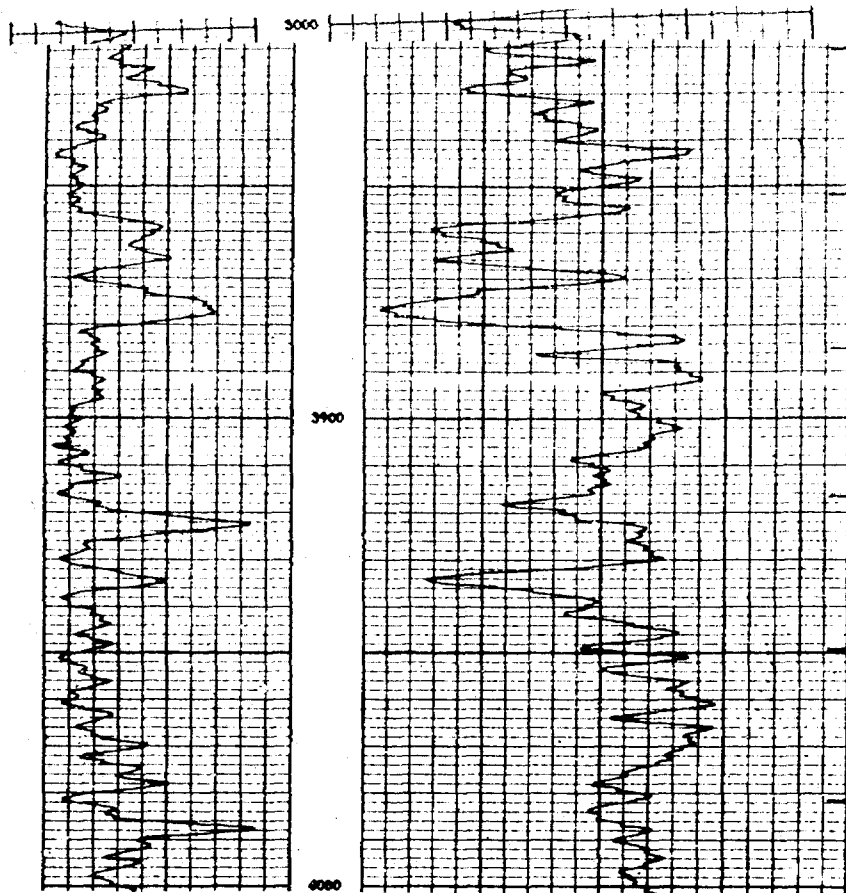
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CASING RECORD

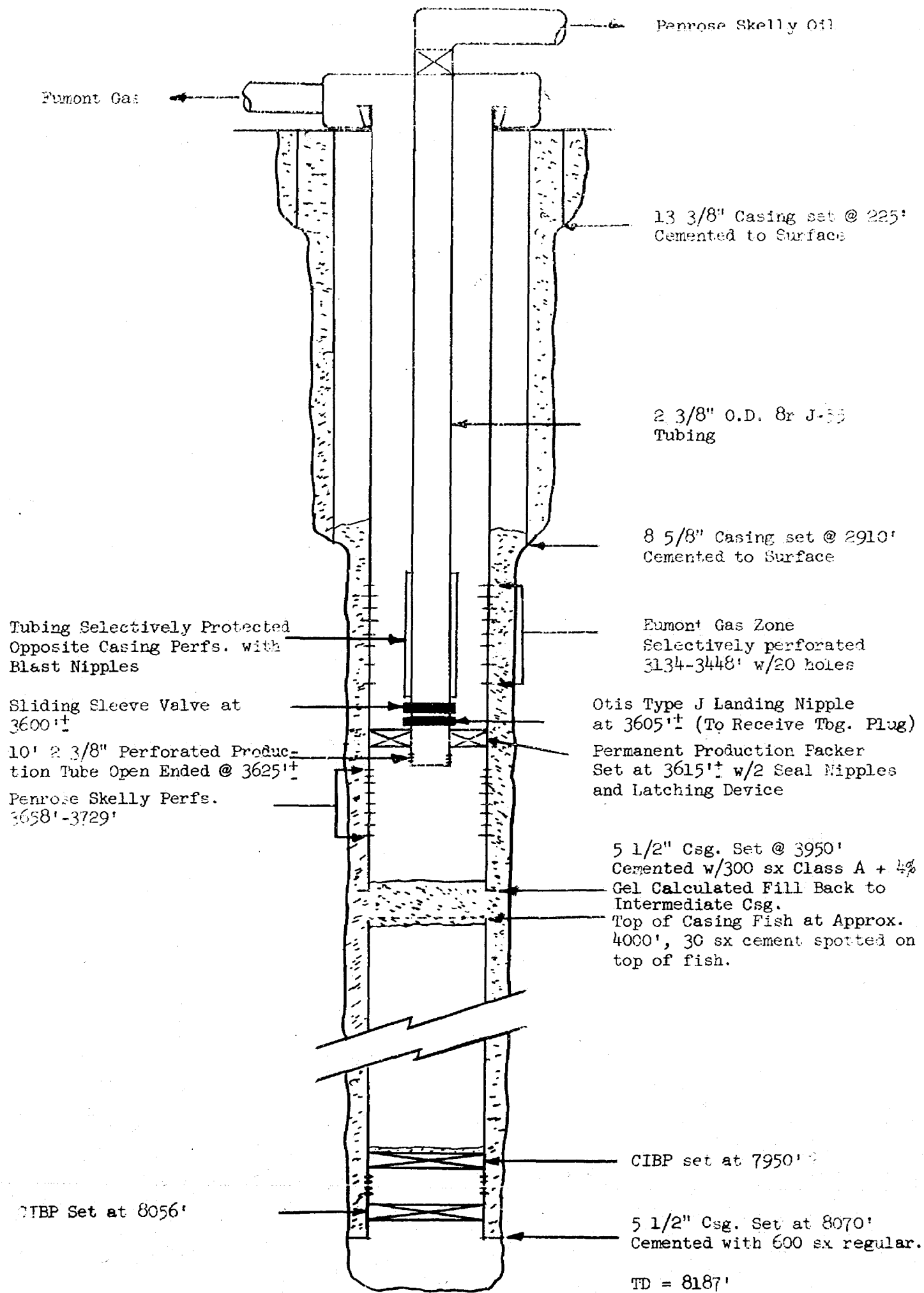








SHELL OIL COMPANY
 PROPOSED DUAL COMPLETION DIAGRAMMATIC SKETCH
 TURNER #7, PENROSE SKELLY OIL-EUMONT GAS
 SECTION 22, T-21-S, R-37-E, LEA COUNTY, NEW MEXICO
 NOVEMBER 29, 1961



2466

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
January 4, 1962

EXAMINER HEARING

IN THE MATTER OF:

Application of Shell Oil Company for a 320-acre non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks permission to establish a 320-acre non-standard gas proration unit in the Eumont Gas Pool, comprising the S/2 of Section 22, Township 21 South, Range 37 East, Lea County, New Mexico, said unit to be dedicated to the Turner Well No. 7, located at an unorthodox location 1650 feet from the South line and 330 feet from the West line of said Section 22.

CASE NO.
2466

BEFORE:

Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: Case 2466.

MR. MORRIS: Mr. Examiner, the applicant in this case requests that it be dismissed.

MR. NUTTER: Case 2466 will be dismissed.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
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 4th day of January, 1962.

Ada Dearnley
 COURT REPORTER-NOTARY PUBLIC

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. 2446, heard by me on 1/4, 1962.

[Signature], Examiner
 New Mexico Oil Conservation Commission

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.
 PHONE 323-1182

ALBUQUERQUE, N. M.
 PHONE 243-6691

