

CASE 4281: Appli. of CONTINENTAL
FOR A DUAL COMPLETION, LEA COUNTY,
NEW MEXICO.

Case Number

4281

Application
Transcripts.

Small Exhibits

ETC.

dearnley-meier

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS
1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6891 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
December 17, 1969

EXAMINER HEARING

IN THE MATTER OF:)

Application of Continental Oil)
Company for a dual completion,)
Lea County, New Mexico.)

Case No. 4281

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

MR. NUTTER: Case 4281.

MR. HATCH: Case 4281. Application of Continental Oil Company for a dual completion, Lea County, New Mexico.

MR. KELLAHIN: If the Examiner please, Jason Kellahin appearing for the Applicant. I have one witness I would like to have sworn.

(Witness sworn).

(Whereupon, Applicant's Exhibits 1 through 3 were marked for identification).

VICTOR T. LYON

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

DIRECT EXAMINATION

BY MR. KELLAHIN:

Q Would you state your name, please?

A Victor T. Lyon.

Q By whom are you employed and in what position, Mr. Lyon?

A Continental Oil Company as conservation coordinator in the Hobbs Division, Hobbs, New Mexico.

Q Have you testified before the Oil Conservation Commission and made your qualifications a matter of record?

A Yes, I have.

MR. KELLAHIN: Are the witness' qualifications acceptable?

MR. NUTTER: They are.

Q (By Mr. Kellahin) Mr. Lyon, are you familiar with the application of Continental Oil Company in Case 4281?

A Yes, sir.

Q What is proposed by Continental in this application?

A Case No. 4281 is the application of Continental Oil Company for authority to dually complete in an undesignated Blinbry Oil, an undesignated Drinkard gas reservoir: it's southwest Monument Unit Well No. 21, utilizing parallel tubing strings.

Q Now, referring to what has been marked as Exhibit No. 1, would you identify that exhibit?

A Yes, sir. Exhibit No. 1 is a location plat showing the eastern portion of the southeast Monument Unit. The unit boundary is shown by the dashed line and as shown on this exhibit, consists of all or parts of Sections 13, 24 and 25 in Township 20 South, Range 37 East, and parts or all of Sections 13, 19, 20, 29 and 30

in Township 20 South, Range 38 East.

There are also additional lands in this unit lying to the west, outside the boundary of this plat. The well under discussion, the SEMU No. 21, is shown circled and is located 660 feet from the south line, 1980 feet from the east line of Section 19, Township 20 South, Range 38 East.

Q When was this well drilled?

A Well, it was originally drilled in 1950 to a total depth of 9729. The well was plugged back and completed as a Skaggs Pool Well on July 25 of 1950.

When the Skaggs waterflood project was begun in 1961, this well was one of the original injection wells. In September of this year we re-entered the well, cleaned it out to a depth of 8,000 feet, set casing at that point in order to test the Devonian Formation.

The Devonian proved to be non-productive and the well was plugged back to 7250 and perforated and tested in the Blinney. It was completed in that formation on November 10, 1969, for a potential of 33 barrels of oil, 2 barrels of water and 143.4 MCF gas per day. During the initial drilling of the well the Drinkard Formation was

drill stem tested and measured a gas flow at the rate of 2.8 million cubic feet per day.

The nearest Blinebry production to my knowledge is found in Warren Unit No. 8, which is located approximately 2 miles southeast in Unit "J" of Section 28.

MR. NUTTER: That's the nearest Drinkard production?

THE WITNESS: Blinebry. The nearest Drinkard production to my knowledge was from the SEMU No. 9, located 2 miles west of this location.

Q (By Mr. Kellahin) Is that well still producing?

A Number 9?

Q Yes, sir.

A I believe it is shut-in or has been recompleted. I believe that's a Blinebry-Drinkard or Blinebry-Tubb dual.

Q Now, other than the drill stem test, there has been no test of the Drinkard Formation in the subject well. has there?

A Yes, sir. This formation is being tested now and I do not have the drilling report as of this morning, but yesterday's drilling report, which is a report of the work done on Monday, it flowed 17 barrels of load water and 1.9 MCF gas per day and is still recovering load water.

One thousand nine hundred sixty-eight MCF is the reported figure.

Q Now, referring to what has been marked as Exhibit No. 2, would you identify that exhibit?

A Exhibit No. 2 is a schematic diagram of this well, showing the size, setting depth, the amount of cement used for the casing strings, which are in the well.

Thirteen and three-eighths inch casing set at 263 feet; cement was circulated. Nine and five-eighths was set at 3697; cement was circulated to surface.

Seven inch was set at 8,000 and the cement was circulated there; so, I believe the casing goods are pretty well set in the well. It shows two strings of two and three-eighths inch tubing; the short string to be set at 6395; a Baker lok-set retrievable packer to be set at 6,400 feet and the lower string to have tail pipe to extend to 6650.

The Blinbry perforations are shown, 5833 to 6,094 and Drinkard perforations 6,761 to 6,885.

Q Now, in your opinion, will the completion such as this effectively separate the two producing horizons?

A Sir?

Q Will a completion such as this effectively

separate the two producing horizons?

A Yes, sir.

Q And it is a type of completion that has been approved by this Commission in other cases?

A Yes, sir.

Q Now, referring to what has been marked as Exhibit No. 3, would you identify that exhibit?

A Exhibit No. 3 is a copy of the neutron porosity log run in this well and the applications filed with the Commission had the original logs and these are Xerox copies of those logs: but, the exhibits which I have here show the top of the Blinbry on the first sheet at 5825 and the perforations shown by the arrows in the center part of the log.

On the second sheet, the top of the Drinkard is shown at 6618. The top of the Abo at 6917, and the perforations, these are shown to be proposed -- which they were at the time that this was prepared -- but, they have now -- these perforations have been completed and the Drinkard perforations are shown again by the arrows in the center portion of the log.

Q Now, in your opinion, will the approval of this application cause waste or impair correlative rights?

A No, sir. In my opinion, there will be no waste and there will be no impairment of correlative rights.

Q Were Exhibits 1, 2 and 3 prepared by you or under your supervision?

A Yes, sir, they were.

MR. KELLAHIN: I would like to offer Exhibits 1, 2 and 3.

MR. NUTTER: Continental Exhibits 1 through 3 will be admitted in evidence.

MR. KELLAHIN: That's all I have, Mr. Nutter.

CROSS EXAMINATION

BY MR. NUTTER:

Q Mr. Lyon, this well was originally drilled to 9730 and was completed in what pool, again?

A In the Skaggs.

Q What formation does that pool produce from?

A Grayburg.

Q What was the test horizon here at 9730?

A It was drilled to the Granite Wash.

Q So, it tested everything then, I guess?

A Yes, sir. There were a total of 7 drill stem tests.

Q Now, the drill stem tests that you mentioned that you have in the Drinkard now, were those recent tests that were made in September and subsequent to September or were some of the tests data that you gave, data that was obtained during the original drilling of the well?

A During the original drilling of the well. The Drinkard was drill stem tested at 2.8 million cubic feet per day.

Q So, you have known there's gas in the Drinkard since 1950, though, when it was first drilled?

A Yes, sir.

Q Now, does the proposed method of dual completion of this well allow for artificial lift of the oil zone if necessary, Mr. Lyon?

A Yes, sir.

MR. NUTTER: Are there any other questions of the witness? He may be excused.

(Witness excused).

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

MR. KELLAHIN: That's all, Mr. Nutter.

MR. NUTTER: Does anyone have anything they wish to offer in Case 4281? If nothing, we will take the case under advisement.

I N D E X

<u>WITNESS</u>	<u>PAGE</u>
VICTOR T. LYON	
Direct Examination by Mr. Kellahin	2
Cross Examination by Mr. Nutter	8

E X H I B I T S

Applicant's Exhibits	2
1 through 3	

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

I, GLENDA BURKS, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

Blenda Burke
Notary Public

My Commission Expires:

March 12, 1973

I do hereby certify that the foregoing is a complete record of the evidence taken in the Houston hearing of Case No. 4281 heard by me on 12/17/69.

New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO

P. O. BOX 2085 - SANTA FE

87501

GOVERNOR
DAVID F. CARGO
CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMijo
MEMBER

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

December 24, 1969

Mr. Jason Kellahin
Kellahin & Fox
Attorneys at Law
Post Office Box 1769
Santa Fe, New Mexico

Re: Case No. 4280
Order No. 4281 ✓
Applicant:
J. M. Huber & Continental Oil Co.

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

ALP/ir

Copy of order also sent to:

Hobbs OCC x

Artesia OCC

Aztec OCC

Other R-3899 to State Engineer Office

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. 4281
Order No. R-3900

APPLICATION OF CONTINENTAL OIL COMPANY
FOR A DUAL COMPLETION, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:30 a.m. on December 17, 1969, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 24th day of December, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Continental Oil Company, seeks authority to complete its SEMU Well No. 21, located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM, Lea County, New Mexico, as a dual completion (conventional) to produce oil from an undesignated Blinebry oil pool and gas from an undesignated Drinkard gas pool through parallel strings of 2 3/8-inch tubing, with separation of the zones by a packer set at approximately 6400 feet.

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

(4) That approval of the subject application will prevent waste and protect correlative rights.

-2-

CASE No. 4281

Order No. R-3900

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to complete its SEMU Well No. 21, located in Unit O of Section 19, Township 20 South, Range 38 East, NMPN, Lea County, New Mexico, as a dual completion (conventional) to produce oil from an undesignated Blinebry oil pool and gas from an undesignated Drinkard gas pool through parallel strings of 2 3/8-inch tubing, with separation of the zones by a packer set at approximately 6400 feet;

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 insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual Shut-In Pressure Test Period for the undesignated Drinkard gas pool.


(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

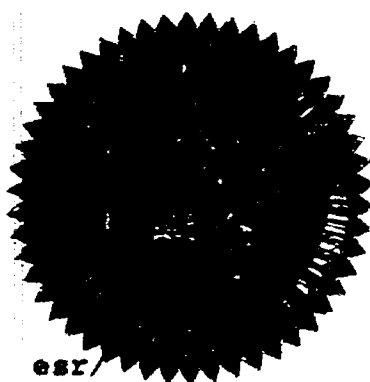
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


ALEX J. ARMIJO, Member


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



DOCKET: EXAMINER HEARING - WEDNESDAY -- DECEMBER 17, 1969

9:30 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, Alternate Examiner:

CASE 4276: Application of Humble Oil & Refining Company for a special
gas-oil ratio limitation, Lea County, New Mexico. Applicant,
in the above-styled cause, seeks an exception to Rule 506 of
the Commission Rules and Regulations to provide for a limiting
gas-oil ratio of 6,000 cubic feet of gas per barrel of oil in
the Oil Center-Blinebry Pool, Lea County, New Mexico.

CASE 4277: Application of Pan American Petroleum Corporation for two un-
orthodox gas well locations, Rio Arriba County, New Mexico.
Applicant, in the above-styled cause, seeks approval of two
unorthodox gas well locations in Township 26 North, Range 4
West, Blanco-Mesaverde Gas Pool, Rio Arriba County, New Mexico,
as follows:

Jicarilla Apache 102 Well No. 15 located
790 feet from the South line and 1190 feet
from the East line of Section 9;

Jicarilla Apache 102 Well No. 16 located 1070
feet from the South line and 1450 feet from
the East line of Section 10.

CASE 3455: (Reopened) Continued from the November 5, 1969 Examiner
Hearing

In the matter of Case No. 3455 being reopened pursuant to the
provisions of Order No. R-2565-B, which order, among other
things, established 320-acre spacing units for the West Puerto
Chiquito-Mancos Oil Pool, Rio Arriba County, New Mexico, for
a period of three years. All interested parties may appear
and show cause why said pool should not be developed on 40-acre
spacing units.

CASE 4257: (Continued from the November 19, 1969 Regular Hearing)

Application of Sohio Petroleum Company for salt water disposal,
Lea County, New Mexico. Applicant, in the above-styled cause,
seeks authority to dispose of produced salt water into the
San Andres formation in the open-hole interval from 4920 feet
to 4995 feet in its Phillips Lea SWD Well No. 4 located in
Unit M of Section 31, Township 17 South, Range 34 East, Vacuum
Grayburg-San Andres Pool, Lea County, New Mexico.

CASE 4263: (Continued from the November 25, 1969 Examiner Hearing)

Application of Wynn & Brooks for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal "E" Well No. 3, to be located 590 feet from the South line and 1590 feet from the West line of Section 13, Township 27 North, Range 8 West, Blanco-Mesaverde and Basin-Dakota Pools, San Juan County, New Mexico.

CASE 4264: (Continued from the November 25, 1969, Examiner Hearing)

Application of Wynn & Brooks for an unorthodox gas well location, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Federal "J" Well No. 1, to be located 2390 feet from the South line and 2410 feet from the East line of Section 11, Township 27 North, Range 8 West, Blanco-Mesaverde and Basin-Dakota Pools, San Juan County, New Mexico.

CASE 4278: Application of Anne Burnett Windfohr, dba Windfohr Oil Company, for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Gissler B Wells Nos. 11 and 12, located, respectively, in Units J and I of Section 23, Township 17 South, Range 30 East, Jackson-Abo Pool, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by said wells in unlined surface pits in the vicinity of said wells.

CASE 4279: Application of Anne Burnett Windfohr, dba Windfohr Oil Company, for an exception to Order No. R-3221, as amended, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico. Said exception would be for applicant's Gissler B Well No. 4 located in Unit B of Section 8, Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico. Applicant seeks authority to dispose of salt water produced by said well in an unlined surface pit in the vicinity of said well.

CASE 4280: Application of J. M. Huber Corporation for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Wolfcamp formation in the perforated interval from 10,358 feet to 10,419 feet in its Stoltz State Well No. 1 located in Unit M of Section 6, Township 15 South, Range 35 East, Morton-Wolfcamp Pool, Lea County, New Mexico.

CASE 4281: Application of Continental Oil Company for a dual completion Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its SEMU Well No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East, Lea County, New Mexico, in such a manner as to produce oil from an undesignated Blinebry oil pool and gas from an undesignated Drinkard gas pool through parallel strings of tubing.

CASE 4282: Application of Continental Oil Company for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to institute a waterflood project in the East E-K Unit Area by the injection of water into the upper Queen formation through two wells located in Units N and P of Section 22, Township 18 South, Range 34 East, East E-K Queen Pool, Lea County, New Mexico.

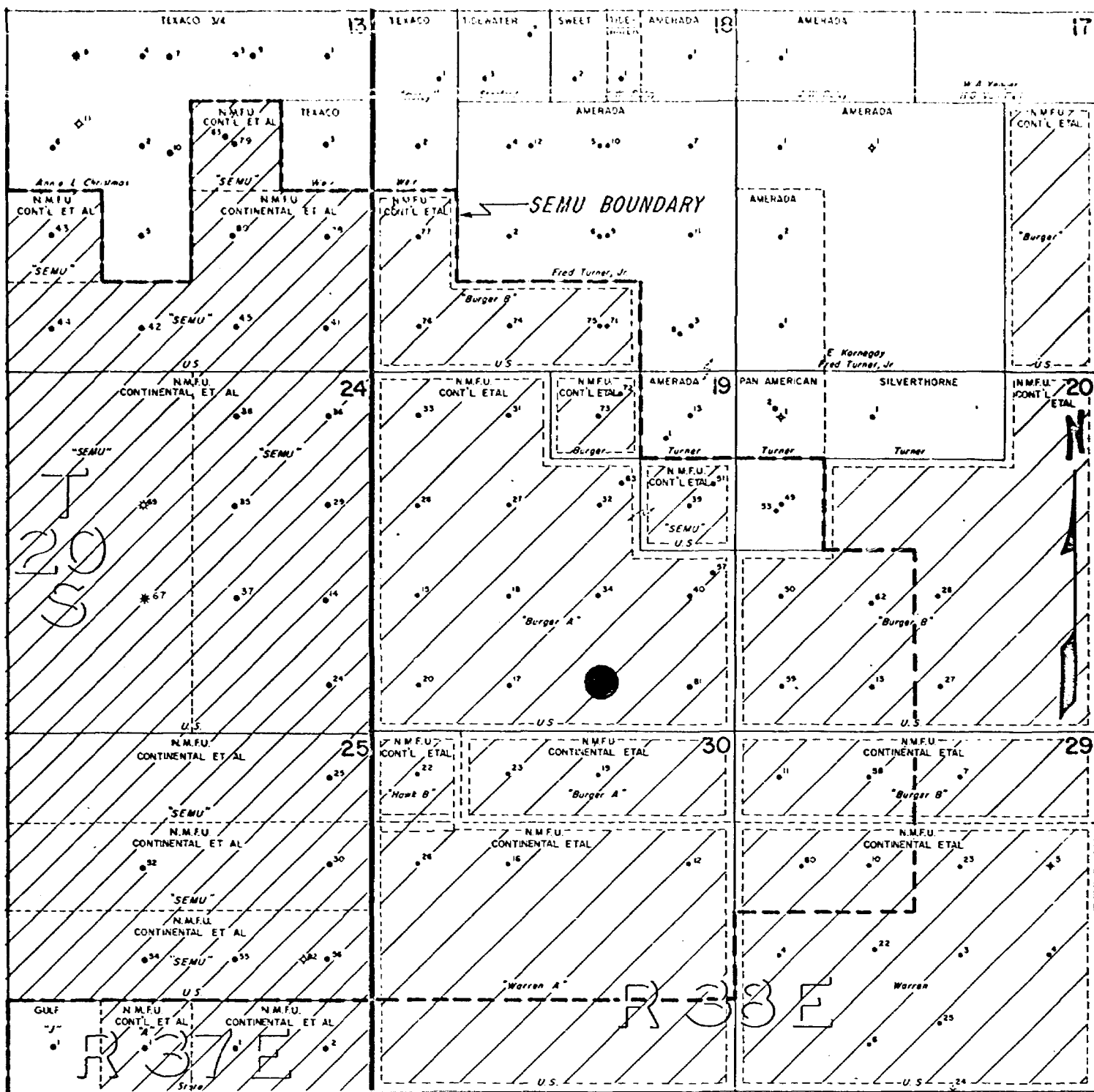
CASE 4283: Application of Continental Oil Company for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the East E-K Unit Area comprising 400 acres, more or less, of state lands described as the NW/4, E/2 SW/4 and SE/4 of Section 22, Township 18 South, Range 34 East, East E-K Queen Pool, Lea County, New Mexico.

CASE 4284: Application of Continental Oil Company for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water in its Springs SWD Wells Nos. 1 and 2, located in Unit F of Section 3 and Unit A of Section 4, respectively, Township 21 South, Range 25 East, Springs-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico. Disposal into Well No. 1 would be into the Bone Spring Wolfcamp and Upper Pennsylvanian formations in the openhole interval from 2700 feet to 8350 feet. Disposal into Well No. 2 would be into the Upper Pennsylvanian formation in the perforated interval from 8300 feet to 8400 feet.

CASE 4265: (Readvertised):

Application of Union Oil Company of California for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates, San Andres and other formations in the open-hole interval from approximately 4450 feet to 6067 feet in its Midway State Well No. 3 located in Unit J, Section 12, Township 17 South, Range 36 East, Lovington Field, Lea County, New Mexico.

CASE 4285: Application of Southwestern Natural Gas Inc., for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the special rules and regulations governing the North Osudo-Morrow Gas Pool to permit the drilling of a well at an unorthodox gas well location 1980 feet from the South line and 660 feet from the East line of Section 19, Township 20 South, Range 36 East, Lea County, New Mexico.



● SEMU NO. 21

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DIVISION

LOCATION PLAT
SEMU EASTERN AREA
LEA COUNTY, NEW MEXICO
SCALE: 1" 2000'

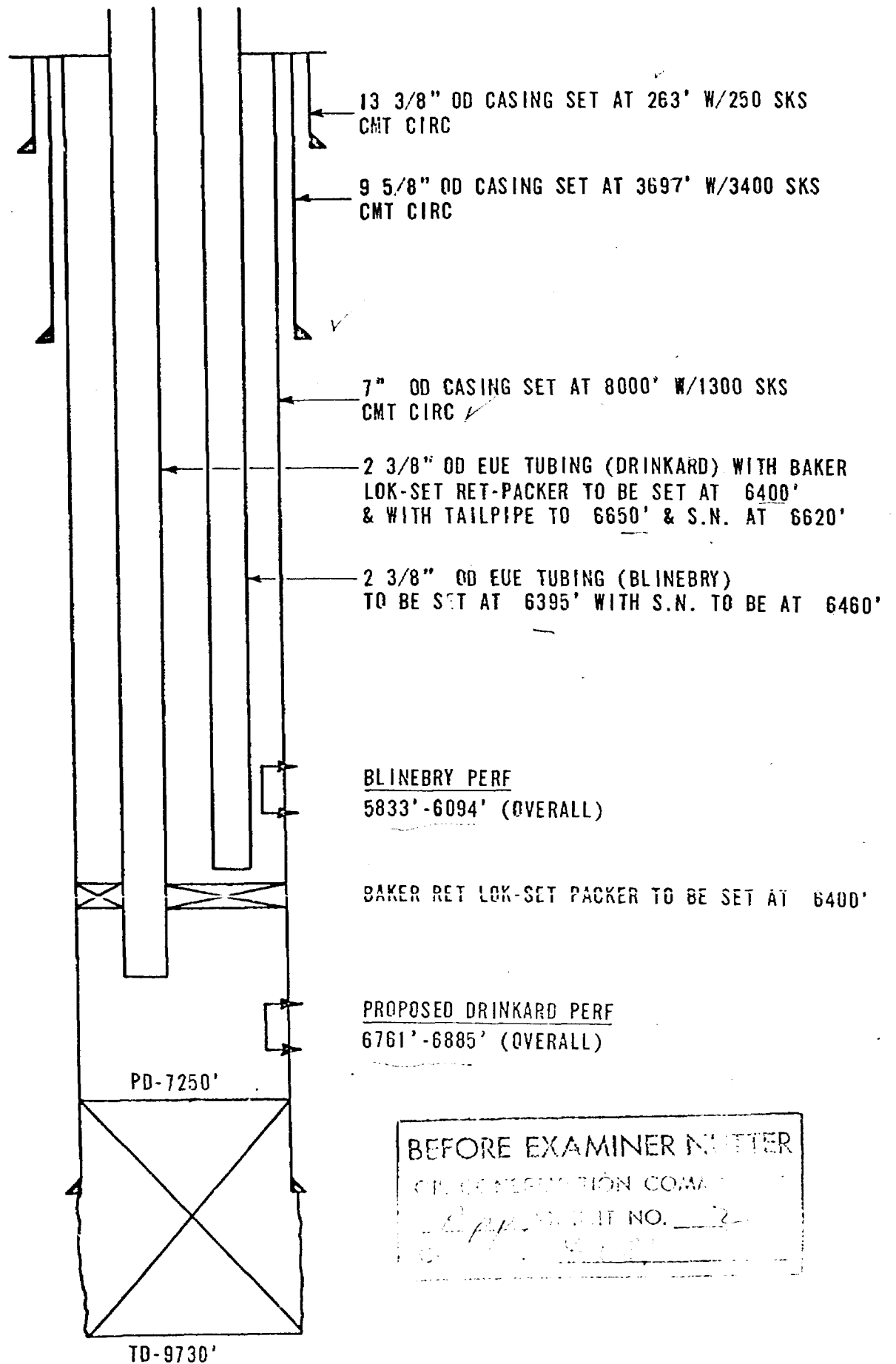
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
App. EXHIBIT NO. 1
CASE NO. 43-21

1950 1-24

1950 1-24

1969

SEMU NO. 21
 UNIT 'O'-660 FSL & 1980' FEL-SEC. 19-20S-30E
 ELEV-3533' GL
 -3546' OF



BEFORE EXAMINER NOTED
 C.P. COMPLETION COMMA
 - 2 -
 NO. 2

PROPOSED MULTIPLE COMPLETION
 BLINEBRY OIL-DRINKARD GAS

SCHLUMBERGER

NEUTRON POROSITY LOG

COUNTY LEA
FIELD or LOCATION S.E. 1/4, PERMIAN 21
WELL
COMPANY CONTINENTAL OIL

COMPANY CONTINENTAL OIL COMPANY

WELL S.E. 1/4, U. PERMIAN 21

FIELD

COUNTY LEA STATE NEW MEXICO

Location: 660' FSL & 1980' FEL

Other Services:

Sec. 19 Twp. 20 S. Rge. 38 E. DIL, FDC.

Permanent Datum: G.L. Elev.: 3533
Log Measured from K.B. 13 Ft. Above Perm. Datum Elev.: K.B. 3546
Drilling Measured from K.B. G.L. 3532

Date 9-23-69

Run No. ONE

Type log EPI-N

Depth—Driller 6000

Depth—Logger 7947

Bottom logged interval 7246

Top logged interval 4000

Type fluid in hole FRESH WATER

Salinity, PPM Cl.

Density

Level FULL

Max rec. temp., deg F. 108

Operating rig time 3 HOURS

Recorded by FREEMAN

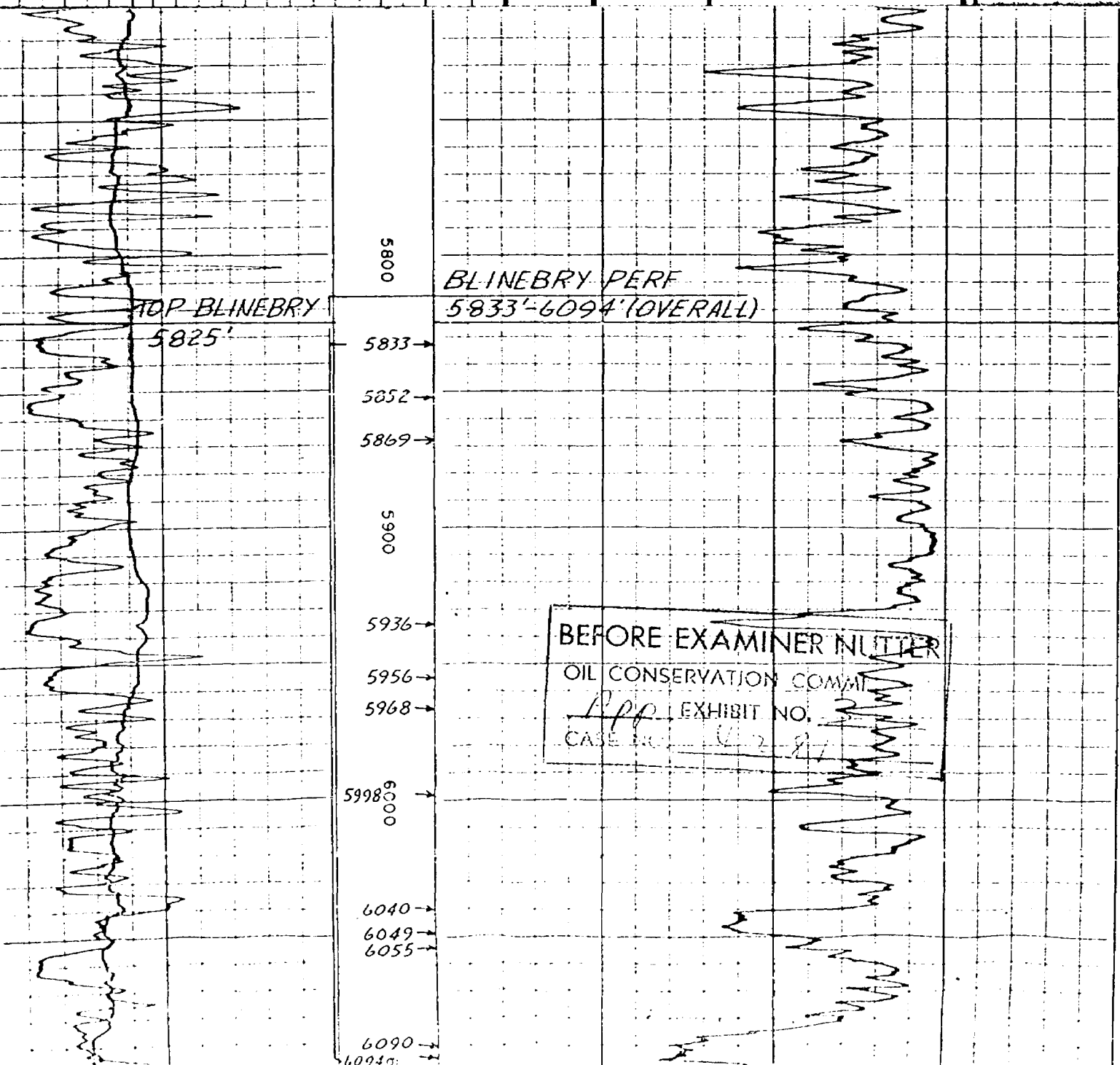
Witnessed by LLOYD

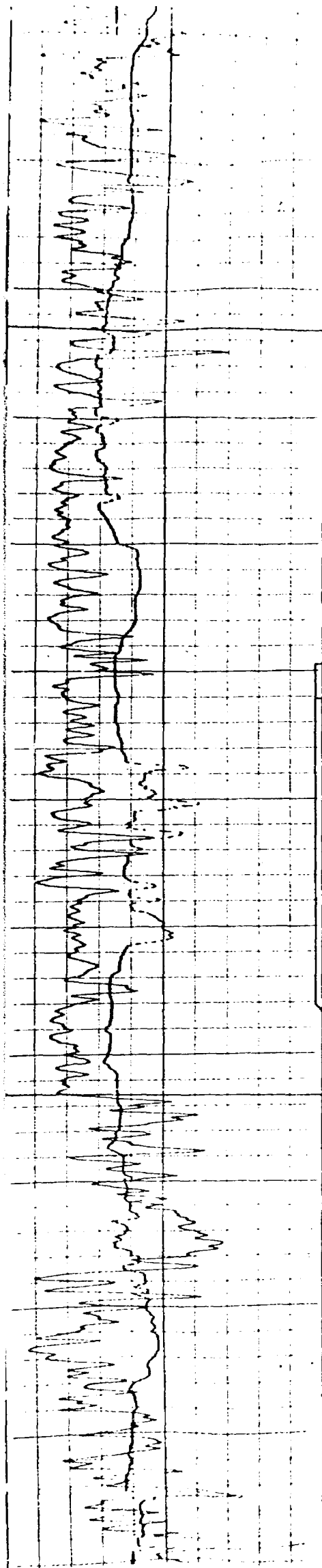
BORE-HOLE RECORD

Run No. 9 5/8 Bore Size 9 5/8 Wgt. From To To
ONE 3 5/8 CSG. I.D. 9 5/8 SURFACE 3696

CASING RECORD

From To





6500

6600

6700

6900

7000

TOP DRINKARD
6618'

PROPOSED DRINKARD PERF
6761'-6885' (OVERALL)

6761 →

6773 →

6797 →

6800 1/2 →

6820 →

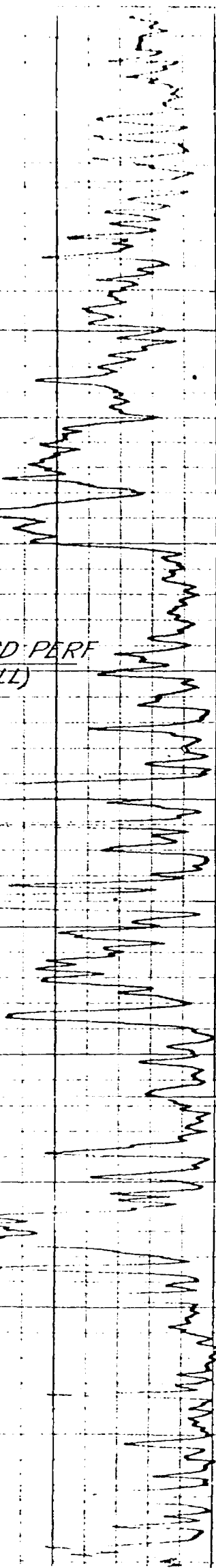
6839 →

6853 →

6865 →

6885 →

TOP ABO
6917'





NOV 20 1969

CONTINENTAL OIL COMPANY

P. O. Box 460

HOBBS, NEW MEXICO 88240

PRODUCTION DEPARTMENT
HOBBS DIVISION
L. P. THOMPSON
Division Manager
G. C. JAMIESON
Assistant Division Manager

1001 NORTH TURNER
TELEPHONE 393-4141

November 18, 1969

Clack 4281

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

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

Gentlemen:

Subject: Application for Dual Completion -
SEMU No. 21, Lea County, New Mexico

Forwarded herewith in duplicate is our application for authority to effect a dual completion in an undesignated Blinebry Oil Pool and an undesignated Drinkard Gas Pool in our Southeast Monument Unit Well No. 21 located in Unit 0, Section 19, Township 20 South, Range 38 East, Lea County, New Mexico. This well is located more than one mile outside the present boundary of any Blinebry or Drinkard Pool.

The well is located well within the boundary of the Southeast Monument Unit and consequently there are no offset operators. If this dual completion can be approved administratively, we should appreciate your doing so; however, in the event that it does not qualify, we should appreciate your setting the matter for hearing on your December 17, 1969 docket.

Yours very truly,

L. P. Thompson

VTL-JS
CC: NMOCC-Hobbs (2)

RLA JJB JWK
Enc.

DOCKET MARKED

Date 12-5-69

NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

APPLICATION FOR MULTIPLE COMPLETION

Case 4281

Operator Continental Oil Company		County Lea	Date November 18, 1969
Address P. O. Box 460 Hobbs, New Mexico		Lease SEMU	Well No. 21
Location or Well	Unit 0	Section 19	Township 20S
			Range 38E

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

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Undesignated Blinbry		Undesignated Drinkard
b. Top and Bottom of Pay Section (Perforations)	5833-6094' (overall)		6761-6885' (overall)
c. Type of production (Oil or Gas)	oil		gas
d. Method of Production (Flowing or Artificial Lift)	Artificial lift		flow

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

- Yes a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and 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 multiple 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.

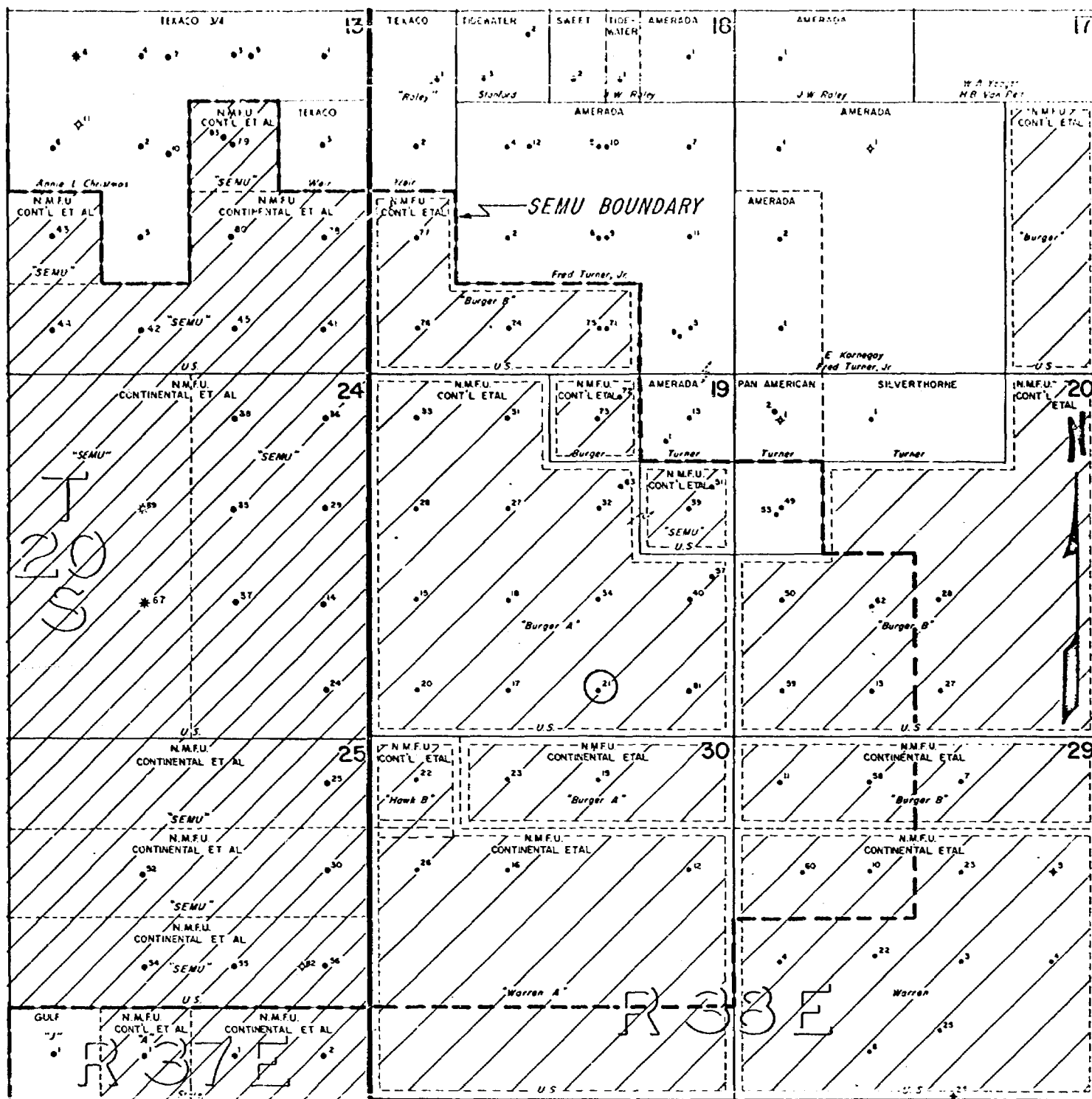
None

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO X. If answer is yes, give date of such notification no offset operators.

CERTIFICATE: I, the undersigned, state that I am the Conservation Coordinator of the Continental 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.

N. H. Lyon
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 multiple 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.



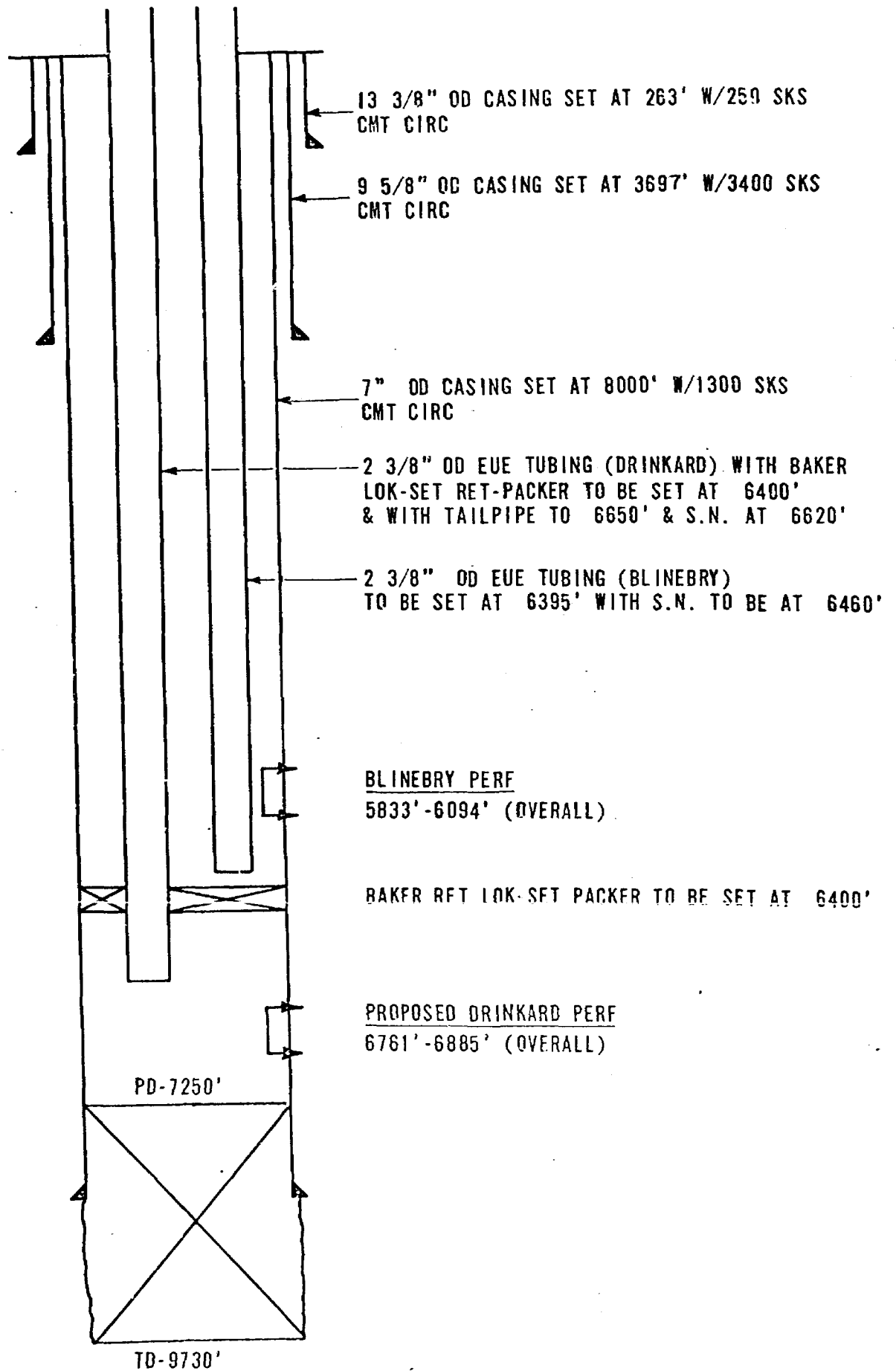
○ SEMU NO. 21

CONTINENTAL OIL COMPANY
PRODUCTION DEPARTMENT
HOBBS DIVISION

LOCATION PLAT
SEMU EASTERN AREA
LEA COUNTY, NEW MEXICO
SCALE: 1" 2000'

Case 4-281

SEMUM NO. 21
UNIT 'O'-660 FSL & 1980' FEL-SEC. 19-20S-38E
ELEV-3533' GL
-3546' DF



PROPOSED MULTIPLE COMPLETION
BLINEBRY OIL-DRINKARD GAS

Can 4.28/
JAG 11-13-69
erw

DRAFT

GMH/esr

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. 4281

Order No. R-3900

APPLICATION OF CONTINENTAL OIL COMPANY
FOR A DUAL COMPLETION, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

9:30

This cause came on for hearing at ~~8 o'clock~~ 9:30 a.m. on
December 17, 1969, at Santa Fe, New Mexico, before Examiner
Daniel S. Nutter.

NOW, on this 17 day of Dec, 1969, the Commission,
a quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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, Continental Oil Company,
seeks authority to complete its SEMU
Well No. 21, located in Unit 0 of Section 19, Township

20 South, Range 38 East, NMPM, Lea County, New
~~North~~ ~~West~~

(conventional) ~~oil~~
Mexico, as a dual completion ~~(conventional)~~ to produce ~~gas~~
~~(conventional)~~

~~from the~~ ~~oil pool~~ ~~through~~ ~~the~~

oil from an undesignated Blinebry oil pool and gas from an

undesignated Drinkard gas pool through parallel strings of

2 3/8 -inch tubing, with separation of the zones by a packer

set at approximately 6400 feet.

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

(4) That approval of the subject application will prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Continental Oil Company, is hereby authorized to complete its SEMU Well No. 21, located in Unit 0 of Section 19, Township 20 ~~South~~ North, Range 38 ~~East~~ West, NMPM, Lea County, New Mexico, as a dual completion ~~(conventional)~~ ~~(combination)~~ ~~(tubingless)~~ to produce ~~oil~~ gas ~~from the~~ ~~undesignated Blinebry oil pool and gas from an~~ ~~undesignated Drinkard gas pool through parallel strings of~~ 2 7/8 -inch tubing, with separation of the zones by a packer set at approximately 6400 feet;

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 insofar as said rule is not inconsistent with this order;

PROVIDED FURTHER, that the applicant shall take packer-leakage tests upon completion and annually thereafter during the Annual ~~Shut-In Pressure Test~~ Gas-Oil Ratio Test Period for the undesignated Drinkard No. Pool. ~~Deliverability~~ ~~zone segregation~~

(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.

CASE 4282: Appli. of CONTINENTAL
FOR A WATERFLOOD PROJECT, LEA
COUNTY, NEW MEXICO.