

Case Number

474/2

Application

Transcripts

Small Exhibits

ETC.

dearnley, meier & mc cormick

209 SIMMS BLDG. • P.O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO 87103
1216 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
CONFERENCE HALL, STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO
June 27, 1972

EXAMINER HEARING

IN THE MATTER OF:

Application of Tenneco Oil Company
for dual completions, McKinley
County, New Mexico.

CASE. NO. 4742

BEFORE: Elvis A. Utz
Examiner

TRANSCRIPT OF HEARING

1 MR. UTZ: Case 4742.

2 MR. HATCH: Application of Tenneco Oil Company
3 for dual completions, McKinley County, New Mexico.

4 MR. KELLY: Booker Kelly, of White, Koch, Kelly
5 & McCarthy, Santa Fe, appearing on behalf of the Applicant.
6 I have one witness I would like sworn.

7 MR. UTZ: Any other appearances in this Case?

8 (No response.)

9 * * * * *

10 WILLIAM E. BABYAK,

11 appeared as a witness and, after being duly sworn, testified
12 as follows:

13 DIRECT EXAMINATION

14 BY MR. KELLY:

15 Q Would you state your name, position, and employer, please?

16 A My name is William E. Babyak, B-a-b-y-a-k, I am a
17 Petroleum Engineer and an employee of Tenneco Oil
18 Company.

19 Q Have you previously qualified as an expert witness
20 in the field of petroleum engineering before this
21 Commission?

22 A Yes, I have.

23 Q Would you state, referring to plat number 1, what
24 Tenneco seeks by this Application?

25 A Yes. Exhibit 1 is a map showing the Lone-Pine Dakota

1 "D" unit and it is designated by the dash lines. The
2 red arrows indicate the two wells in question, the
3 Lone Pine-Dakota "D" Unit 12 and Unit 13. Tenneco
4 seeks to dual these two Dakota "D" Wells in the "A"
5 zone. The reason we need a zone completion is so we can
6 supply more "A" zone gas to the Lone Pine-Dakota "D"
7 pressure maintenance project.

8 Q We have had a number of hearings on the Lone Pine-Dakota
9 "D" field, would you give the Examiner the present
10 status of where we stand now?

11 A Effective April 1st of this year, the field was a
12 unitized pressure maintenance project utilizing gas and
13 water. It was initiated prior to April 1st and the
14 casinghead gas produced from the Lone Pine-Dakota "D"
15 unit wells was injected and stored in an undesignated
16 Dakota "A" zone. After April 1st, we began withdrawing
17 gas from the "A" zone and injecting it into the "D"
18 zone as part of the pressure maintenance project.

19 Q So in this Case, you are going to dually complete these
20 wells by producing the stored gas and the reservoir gas
21 into the zone?

22 A Yes.

23 Q For injection purposes in the oil zone, the "D" zone?

24 A Yes, sir.

25 Q Now, you have prepared sketches of the proposed

1 installation for both wells and they have been marked
2 as Exhibits 2 and 3, will you briefly go over them and
3 explain them to the Examiner, please?

4 A Yes. Very briefly, we plan to make an annulus completion
5 from the "A" zone and produce gas up the annulus while
6 we produce and/or inject gas down the tubing from the
7 "D" zone. Currently the Lone Pine-Dakota "D" well
8 number 12 is a gas injection well in the Dakota "D" zone.
9 The Lone Pine-Dakota "D" number 13 is a flowing oil well
10 completed in the Lone Pine-Dakota "D" zone.

11 An interesting fact about these is you can see that
12 we have cemented up to approximately 1600 feet, 1570 feet
13 in Exhibit 2, in the Lone Pine-Dakota "D" 12. We have
14 cemented to 1670 feet in the Lone Pine-Dakota "D" number
15 13 well and that is more than enough coverage to cover
16 both the "A" and "D" zones in both wells.

17 We also have the two zones separated by a packer
18 in the wellbore and pressure gauges on both tubing
19 annulus. This enables us to monitor the pressure on
20 both sides and any communication which could possibly
21 later result would be noticed readily on the pressure
22 gauges.

23 Q Do you feel you have an effective method of separating
24 these wells?

25 A Yes, with the packer and the cementing we know we can

1 effectively separate the zones.

2 Q Exhibits 4 and 5 are logs on both wells?

3 A Yes. Exhibit 4 is a log on the number 12 well and
4 Exhibit 5 is a log on the number 13 well. From Exhibits
5 4 and 5 you can see we are dealing with two separate and
6 distinct sand members and approximately 140 feet of
7 separation from the base of the "A" zone to the top
8 of the "D" zone which further enhances our separation
9 ability in these two wells.

10 Q In your opinion, will the granting of this Application
11 allow you to produce gas and oil from these wells that
12 would prevent waste and have no adverse effects on
13 correlative rights?

14 A The granting of this Application will definitely
15 aid in conservation, yes, sir.

16 Q Were Exhibits 1 through 5 prepared by you or under
17 your supervision?

18 A Yes, they were.

19 MR. KELLY: I move for the introduction of Exhibits
20 1 through 5 at this time.

21 MR. UTZ: Without objection, Exhibits 1 through 5
22 will be entered into the record of this case.

23 (Whereupon, Applicant's Exhibits 1 through
24 5 were entered in evidence.)

25 MR. KELLY: We have no further Direct Testimony,

1 Mr. Examiner.

2 * * * * *

3 CROSS-EXAMINATION

4 BY MR. UTZ:

5 Q Was the "A" zone the producing zone initially?

6 A Yes, sir, it certainly was.

7 Q Have you withdrawn as much gas out of the "A" zone as
8 was stored in it?

9 A As of the 1st of June, we had recovered 108,000,000
10 cubic feet of gas from the "A" zone and there was
11 initially stored 191,000,000 cubic feet of gas. This
12 leaves approximately 83,000,000 cubic feet of gas to be
13 recovered, stored gas.

14 MR. UTZ: Any other questions?

15 (No response.)

16 MR. UTZ: The witness may be excused.

17 (Witness excused.)

18 MR. UTZ: Any statements in this case?

19 (No response.)

20 MR. UTZ: The Case will be taken under advisement.
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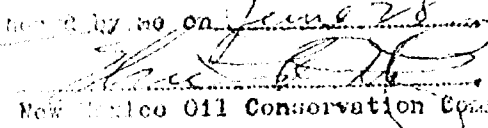
dearnley, meier & mc cormick

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1 STATE OF NEW MEXICO)
2) ss
3 COUNTY OF BERNALILLO)

4 I, RICHARD E. McCORMICK, a Certified Shorthand Reporter,
5 in and for the County of Bernalillo, State of New Mexico,
6 do hereby certify that the foregoing and attached Transcript
7 of Hearing before the New Mexico Oil Conservation Commission
8 was reported by me; and that the same is a true and correct
9 record of the said proceedings to the best of my knowledge,
10 skill and ability.

11 
12 CERTIFIED SHORTHAND REPORTER

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22 I do hereby certify that the foregoing is
23 a complete record of the proceedings in
24 the Probate hearing of Case No. 4742
25 held by me on June 28, 1972.

Richard E. McCormick, Reporter
New Mexico Oil Conservation Commission

I N D E XWITNESS:PAGEWILLIAM E. BABYAK

Direct Examination by Mr. Kelly

3

Cross-Examination by Mr. Utz

7

E X H I B I T SAPPLICANT'SOFFEREDADMITTED

Tenneco Oil Company

Exhibit Number 1

3

6

Exhibit Number 2

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Exhibit Number 3

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Exhibit Number 4

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6

Exhibit Number 5

6

6

4742
Heard 6-28-72
Rec. 7-7-72.

Grant Tenneco. permission
to dual as follows:
Lone Pine #121 ^{L13-17-9W} Packer at approx
2700' on 2 7/8" tubing.
Will produce A zone thru annulus
& will produce.

D zone to be injected thru tubing.
Lone Pine #131 ^{L13-17-9W} Packer at approx
2650'.

A zone to Prod thru Annulus.
B zone to Prod Oil thru tubing.

Thos C. H.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 28, 1972

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

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

CASE 4735: (Continued and readvertised from the June 7th examiner hearing)
Application of El Paso Natural Gas Company for capacity production, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rules 14 (A), 15 (A), and 15 (B), of the General Rules and Regulations for the prorated gas pools of Northwest New Mexico, to produce six wells located in Sections 29, 30, 31, and 32 of Township 32 North, Range 9 West and Section 36, Township 32 North, Range 10 West, Blanco-Mesaverde Pool, San Juan County, New Mexico, at full capacity for approximately one year from February 1, 1972.

Applicant further seeks authority to offset any over-production accrued to the above-described six wells during the one-year period by underproduction attributable to any underproduced wells or marginal wells located within the participating area of the San Juan 32-9 Unit.

CASE 4739: Application of Texas Pacific Oil Company for rededication of acreage, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dedicate the 160-acre non-standard gas proration unit in the Jalmat Gas Pool comprising the NW/4 of Section 1, Township 23 South, Range 36 East, Lea County, New Mexico, simultaneously to its Emery King "NW" Wells Nos. 1 and 4 located, respectively, in Units E and F of said Section 1 and to produce the allowable for the unit from either well in any proportion.

CASE 4740: Application of Amoco Production Company for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks authority to commingle gas and condensate production from the Flora Vista-Gallup and Basin-Dakota Pools in the wellbores of its L. C. Kelly Wells Nos. 3 and 5 located, respectively, in Unit F of Section 4 and Unit I of Section 3, Township 30 North, Range 12 West, San Juan County, New Mexico.

CASE 4741: Application of Robert, Koch & Cartwright for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the W/2 of Section 16, Township 19 South, Range 25 East, Eddy County, New Mexico.

(Case 4741 continued)

Said acreage to be dedicated to a well to be drilled 1980 feet from the North line and 660 feet from the West line of said Section 16. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4728: (Continued from the June 7, 1972, Examiner Hearing)
Application of Texaco Inc. for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the East Weir-Tubb Pool, Lea County, New Mexico, including provisions for 80-acre proration units and a limiting gas-oil ratio limitation of 4000 cubic feet of gas per barrel of oil.

CASE 4742: Application of Tenneco Oil Company for dual completions, McKinley County, New Mexico. Applicant, in the above-styled cause, seeks authority to complete its Well No. 12 located in Unit B of Section 13, Township 17 North, Range 9 West, McKinley County, New Mexico, in such a manner as to inject gas into Lone Pine-Dakota "D" Oil Pool through tubing and produce gas from the "A" zone of the Dakota formation through the casing-tubing annulus. Applicant also seeks authority to complete its Well No. 13 located in Unit F of said Section 13 in such a manner as to produce oil from the Lone Pine-Dakota "D" Oil Pool through tubing and gas from the "A" zone of the Dakota formation through the casing-tubing annulus.

CASE 4743: Application of Tenneco Oil Company for pool contraction, redefinition of a pool and special pool rules, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks to contract the horizontal limits of the Basin-Dakota Pool by deleting therefrom all of Section 17 and 20, Township 21 North, Range 8 West, San Juan County, New Mexico. Applicant further seeks to redefine the Snake Eyes-Dakota "D" Oil Pool as a gas pool with horizontal limits comprising the above-described Sections 17 and 20. Applicant further seeks the promulgation of special pool rules for the redefined pool including a provision for 320-acre spacing.

CASE 4744: Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying the E/2 of Section 8, Township 19 South, Range 25 East, Eddy County, New Mexico. Said acreage to be dedicated to applicant's Johnston "BE" Well No. 1 located 330 feet from the North and East lines of said Section 8. Also to be considered will be the costs

- CASE 4748: Application of Pubco Petroleum Corporation for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Humble City-Strawn Pool, Lea County, New Mexico, including provisions for 160-acre proration units and wells to be located within 150 feet of the center of any quarter-quarter section.
- CASE 4749: Application of Harding Oil Company for a discovery allowable and special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the Humble City-Strawn Pool, Lea County, New Mexico, including a provision for 80-acre proration units and for the assignment of an oil discovery allowable to its E. D. Shipp Well No. 1 located in Unit K of Section 11, Township 17 South, Range 37 East.
- CASE 4750: Application of Cities Service Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing well in its Southeast Maljamar Grayburg-San Andres Unit Waterflood Project Area at an unorthodox location 1155 feet from the South line and 1385 feet from the East line of Section 29, Township 17 South, Range 33 East, Maljamar Pool, Lea County, New Mexico. Applicant further seeks a procedure whereby additional injection and production wells within the project area at unorthodox locations may be approved administratively.
- CASE 4751: Application of Sun Oil Company for pool extension, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the extension of the horizontal limits of the Lusk-Morrow Gas Pool, Lea County, New Mexico to include all of Sections 15 and 16 of Township 19-South, Range 32 East.
- CASE 4752: Application of Claude C. Kennedy for permission to flare casinghead gas, McKinley, County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-4070, to flare casinghead gas produced by his BSK Edna Well No. 1 located in Unit F of Section 8, Township 17 North, Range 8 West, Lone Pine Dakota "D" Pool, McKinley County, New Mexico.

(Case 4744 continued)

of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.

CASE 4745: Application of Yates Petroleum Corporation for pool re-definition and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the re-definition of the Penasco Draw San Andres-Yeso Pool, Eddy County, New Mexico, as an associated oil and gas pool. Applicant further seeks the promulgation of special rules for said associated pool, including provisions defining a gas well as one producing with a gas-liquid ratio of 10,000 or more cubic feet of gas per barrel of oil, a gas-liquid ratio limitation for oil wells of 3,000 cubic feet of gas per barrel of oil, and 320-acre spacing units for gas wells. Applicant further seeks authority to commingle on the surface gas production from various wells prior to metering and to report said gas production on a lease basis. Applicant further seeks authority to commingle on the surface all casing-head gas prior to metering and to allocate said casinghead gas to the various wells on the basis of gas-oil ratio tests.

CASE 4746: Application of Mobil Oil Corporation for an unorthodox well location and amendment of Order No. R-2914, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing well at an unorthodox location 1450 feet from the North line and 70 feet from the West line of Section 19, Township 18 South, Range 34 East, in the E-K Queen Waterflood Project Area authorized by Order No. R-2914. Applicant further seeks a procedure whereby additional production and injection wells at orthodox and unorthodox locations may be approved administratively.

CASE 4747: Application of Union Texas Petroleum, a Division of Allied Chemical Corporation for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests below the base of the Devonian formation underlying the N/2 of Section 33, Township 25 South, Range 37 East, Crosby Field, Lea County, New Mexico. Said acreage to be dedicated to its well to be located 1650 feet from the North line and 2310 feet from the East line of said Section 33. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well.



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2068 - SANTA FE
87501

**GOVERNOR
BRUCE KING
CHAIRMAN**

**LAND COMMISSIONER
ALEX J. ARMijo
MEMBER**

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

July 17, 1972

Mr. Booker Kelly
White, Koch, Kelly & McCarthy
Attorneys at Law
Post Office Box 787
Santa Fe, New Mexico

Re: Case No. 4742
Order No. R-4341
Applicant:
Tenneco Oil Company

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 x

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. 4742
Order No. R-4341

APPLICATION OF TENNECO OIL
COMPANY FOR DUAL COMPLETIONS,
MCKINLEY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 28, 1972, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 17th day of July, 1972, 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, Tenneco Oil Company, seeks authority to complete its Lone Pine-Dakota "D" Unit Well No. 12, located in Unit B of Section 13, Township 17 North, Range 9 West, NMPM, McKinley County, New Mexico, as a dual completion (conventional) to inject gas into the Lone Pine-Dakota "D" Oil Pool through 2 7/8-inch tubing and produce gas from the "A" zone of the Dakota formation through the casing-tubing annulus; that Tenneco Oil Company also seeks authority to complete its Lone Pine Dakota "D" Unit Well No. 13 in Unit F of said Section 13 as a dual completion (conventional) in such a manner as to produce oil from the Lone Pine-Dakota "D" Oil Pool through 2 7/8-inch tubing and gas from the "A" zone of the Dakota formation through the casing-tubing annulus.

(3) That the mechanics of the proposed dual completions 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, Tenneco Oil Company, is hereby

-2-

CASE NO. 4742
Order No. R-4341

authorized to complete its Lone Pine-Dakota "D" Unit Well No. 12, located in Unit B of Section 13, Township 17 North, Range 9 West, NMPM, McKinley County, New Mexico, as a dual completion (conventional) to inject gas into the Lone Pine-Dakota "D" Oil Pool through 2 7/8-inch tubing and produce gas from the "A" zone of the Dakota formation through the casing-tubing annulus, and to complete its Lone Pine-Dakota "D" Unit Well No. 13 in Unit F of said Section 13 as a dual completion (conventional) in such a manner as to produce oil from the Lone Pine-Dakota "D" Oil Pool through 2 7/8-inch tubing and gas from the "A" zone of the Dakota formation through the casing-tubing annulus.

PROVIDED HOWEVER, that the applicant shall complete, operate, and produce said wells 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, as to each of said wells, packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period for the Lone Pine-Dakota "D" Oil 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



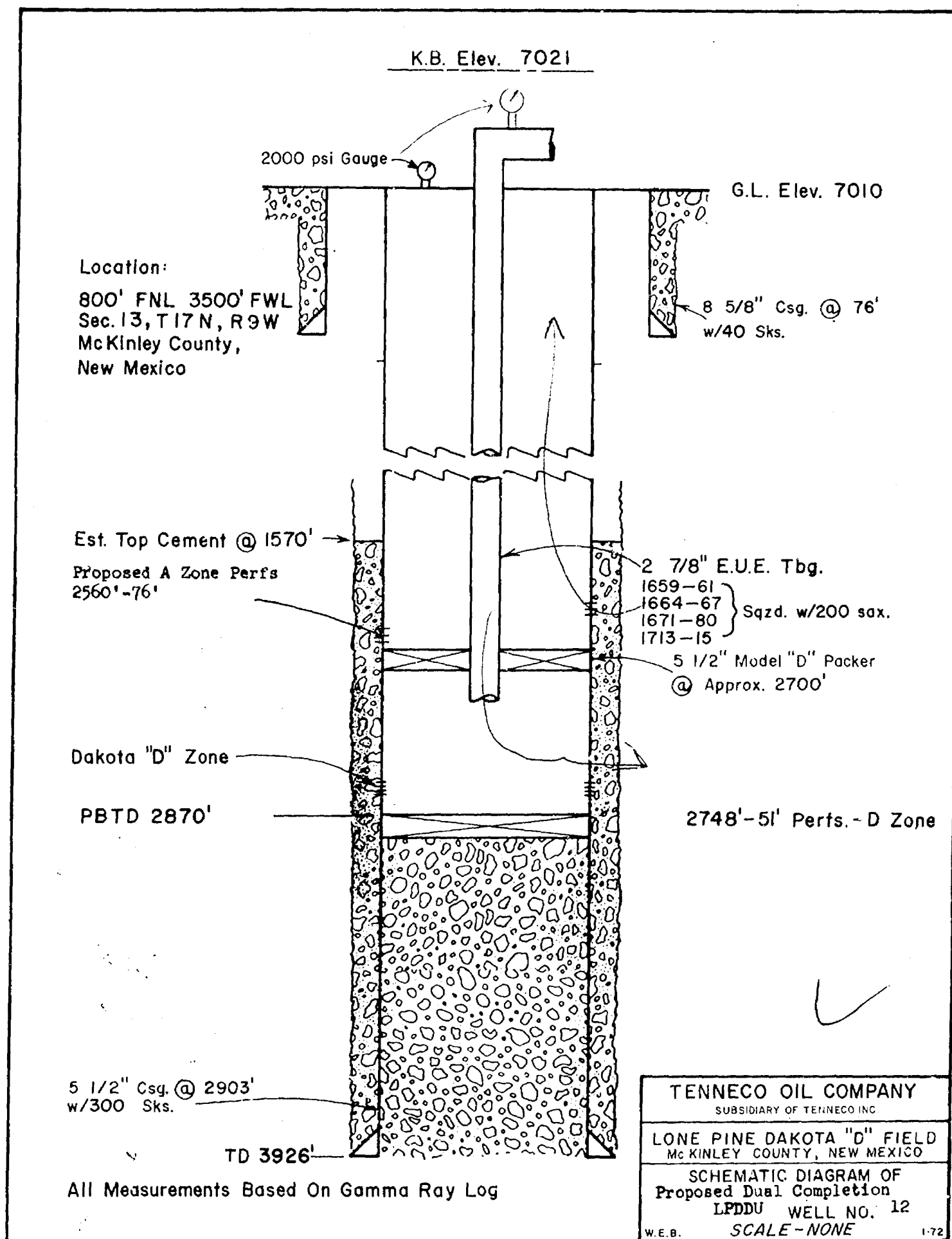
Bruce King
BRUCE KING, Chairman

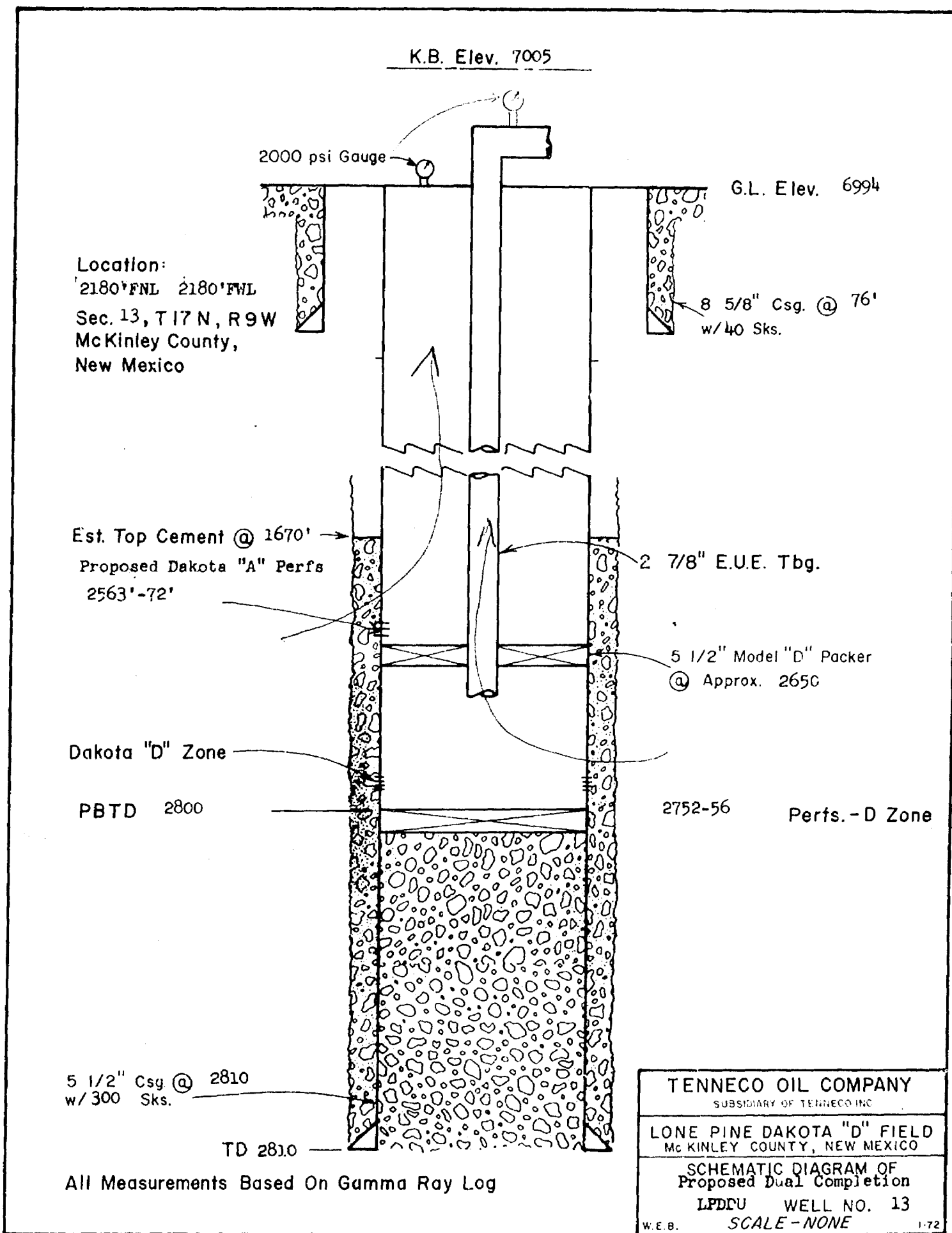
Alex J. Armijo
ALEX J. ARMIJO, Member

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

S E A L

dr/





2500

TOP OF DAKOTA "A" ZONE

PERFS

2560

BOTTOM

2575

2600

DUAL INDUCTION LATEROLOG
LONE PINE DAKOTA "D" UNIT #12

2700

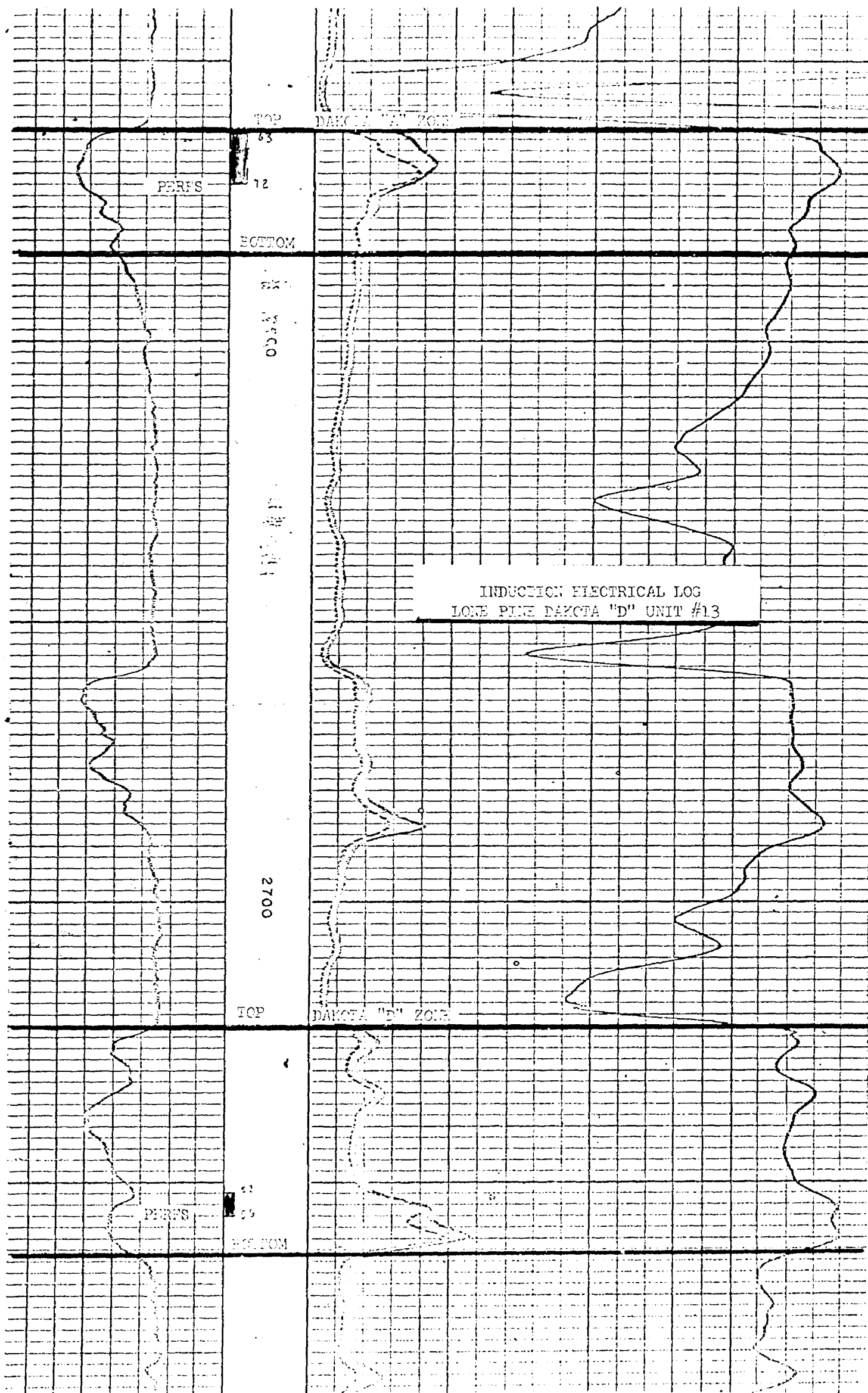
TOP OF DAKOTA "D" ZONE

2750

PERFS

BOTTOM

2751



WHITE,
KOCH, KELLY
&
McCARTHY

May 24, 1972

Chw 4742

Mr. A. L. Porter, Jr.
Secretary-Director
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Re: Tenneco Oil Company Application for Dual
Completions Lone Pine Dakota "D" Unit Wells
12 and 13, McKinley County, New Mexico

Dear Mr. Porter:

Tenneco Oil Company seeks approval of the New Mexico Oil Conservation Commission to dual complete its wells numbers 12 and 13, located in the Lone Pine Dakota "D" Unit, McKinley County, New Mexico. These wells are in Section 13, Township 17 North, Range 9 West, McKinley County, New Mexico.

B The No. 12 well is currently completed in the "D" sand and is an active gas injection well. It is proposed to complete this well in the Dakota "A" zone which is a gas producing zone and the gas would be produced through the annulus.

4 Well No. 13 is currently a flowing oil well completed in the "D" zone. It is contemplated to complete this well in the "A" zone and produce the gas through the annulus, while the oil is being produced through the tubing.

I submit with this application induction electrical log section showing the Dakota "A" and "D" zones, along with proposed existing perforations respectively for each well, a diagramatic sketch showing the proposed dual completion for Well No. 13. A similar completion is proposed for Well No. 12, and a sketch will be made available at time of hearing. We also submit a well location plat

DOCKET MAILED

Date 6-13-72
L.C. White
Sumner S. Koch
William Booker Kelly
John F. McCarthy, Jr.
Kenneth Bateman
Benjamin Phillips
William W. Gilbert (Of Counsel)

Attorneys and Counselors at Law 220 Otero Street, Santa Fe, New Mexico 87501 Box 787 Telephone (505) 982-4374

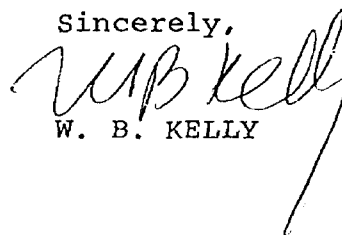
WHITE,
KOCH, KELLY
&
McCARTHY

-2-

showing the location of the two wells.

Tenneco requests that this application be set down
for hearing on the June 28th, 1972 docket.

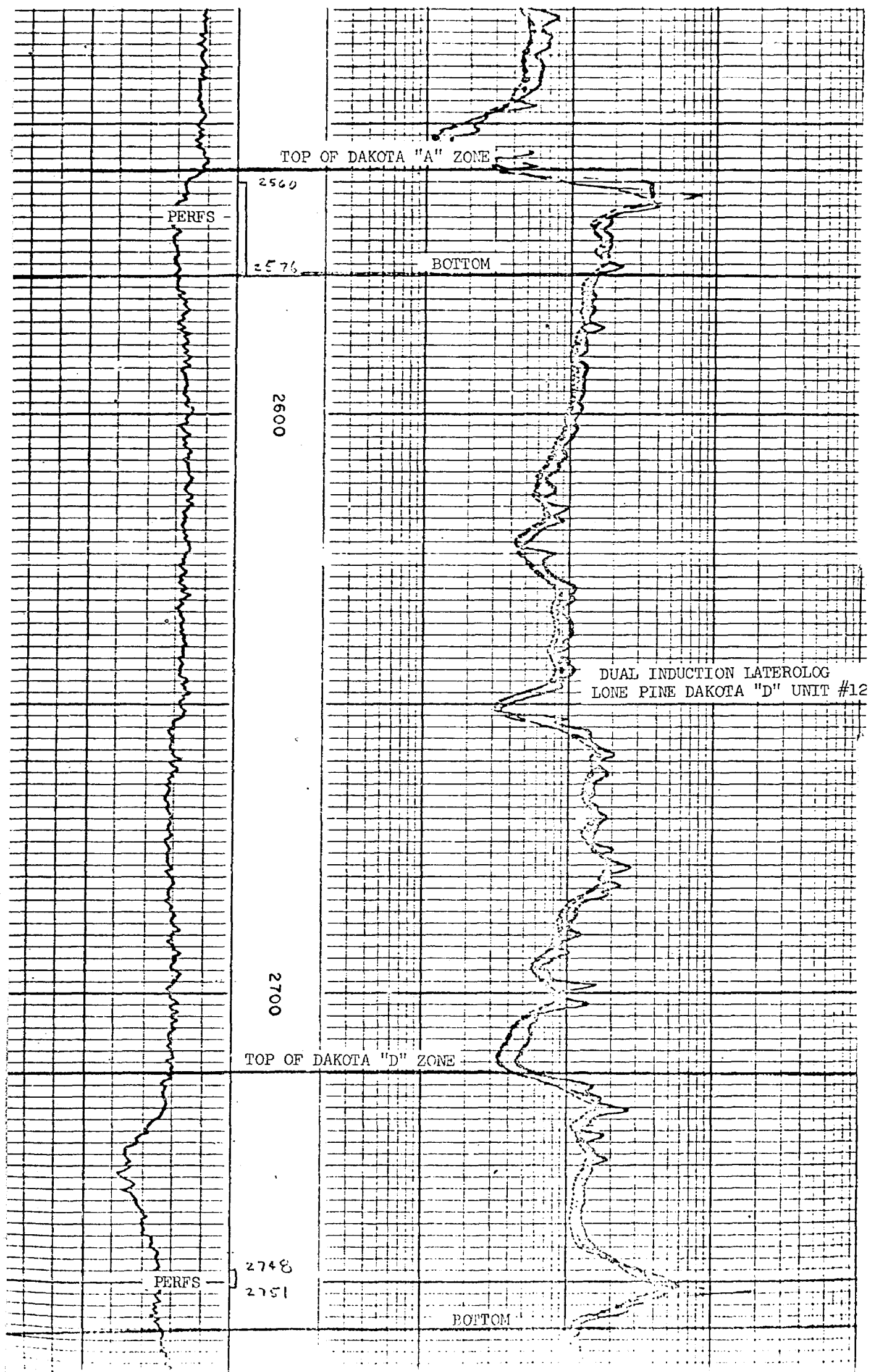
Sincerely,

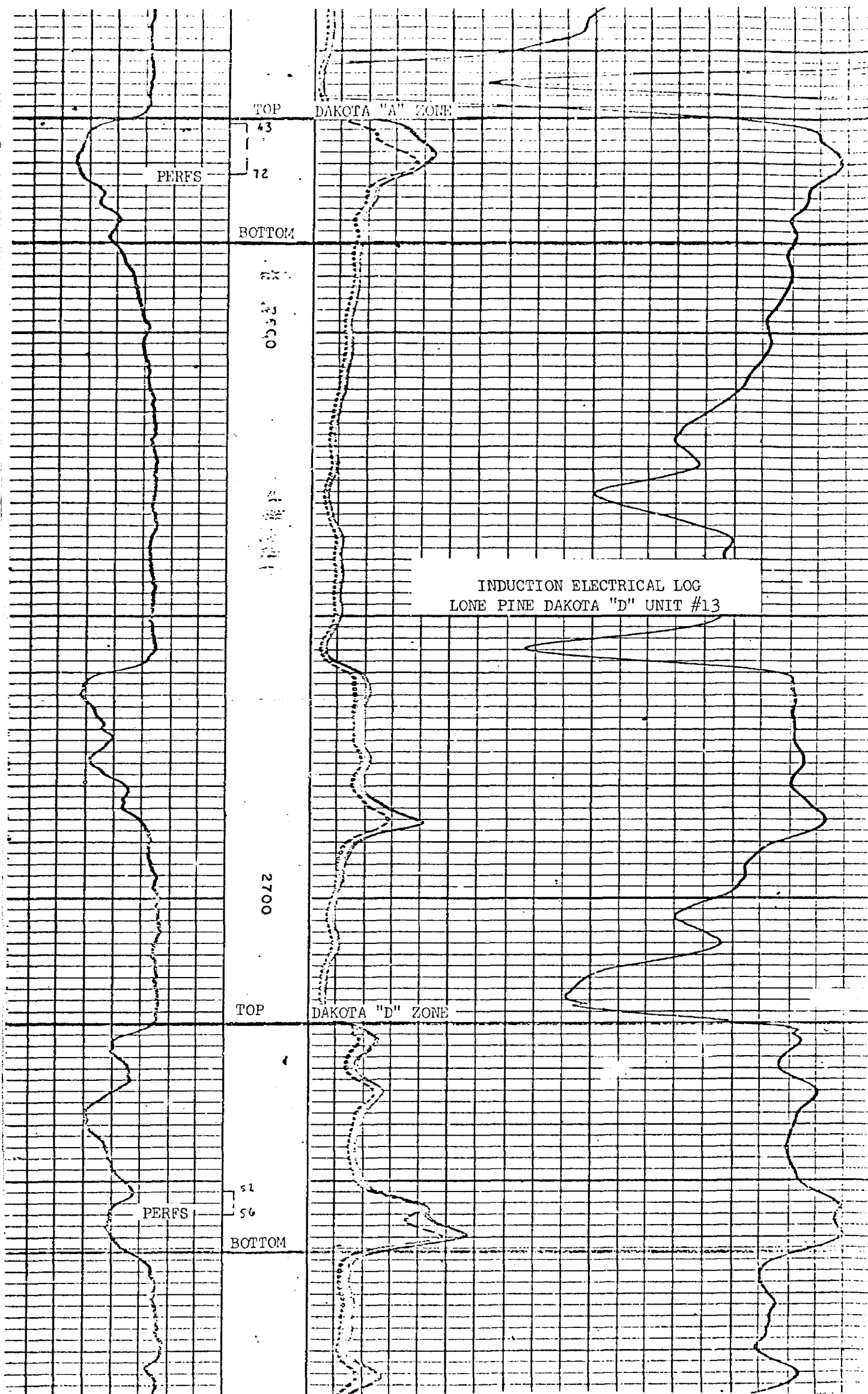
A handwritten signature in cursive script, appearing to read "W. B. Kelly", written over the typed name.

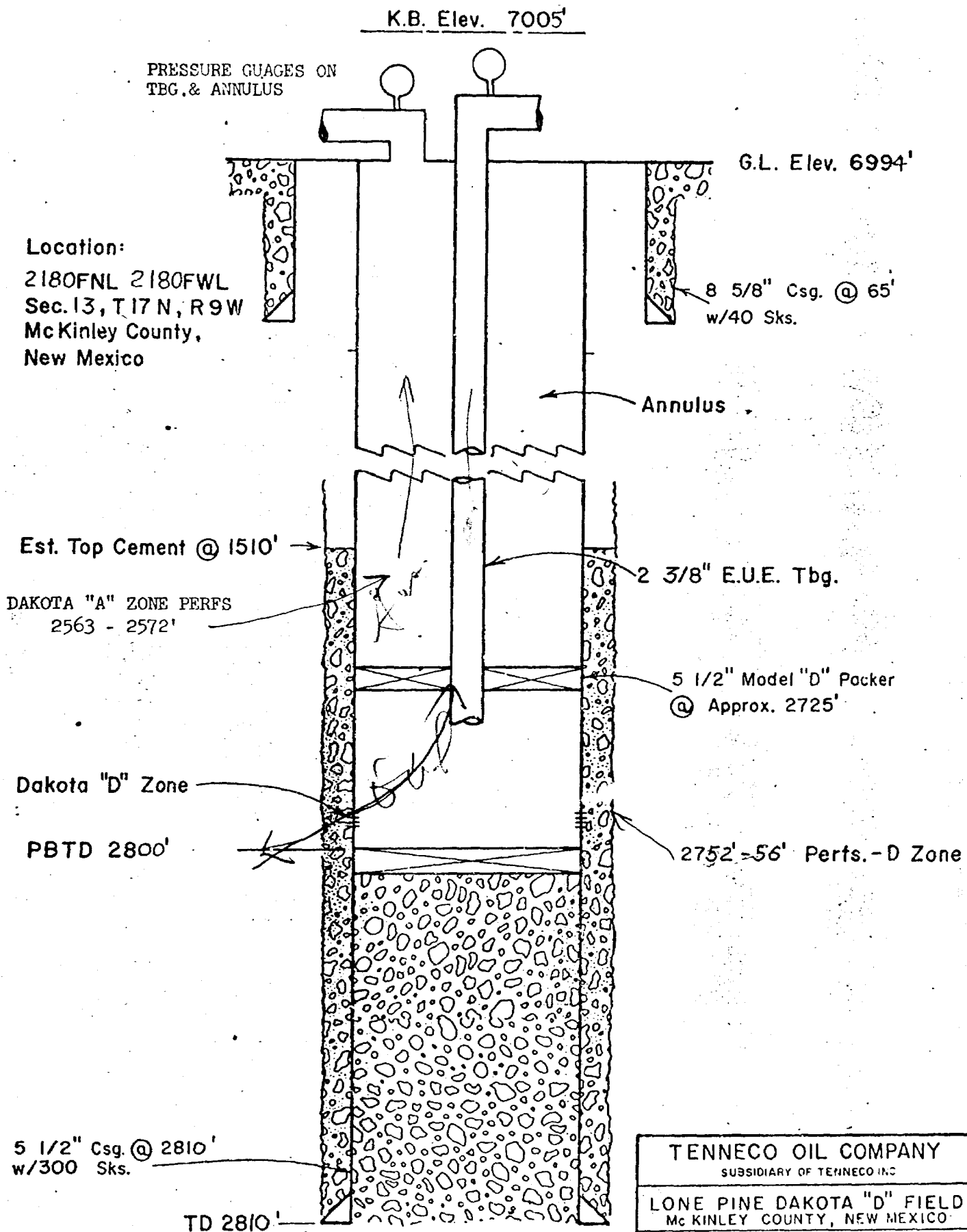
W. B. KELLY

WBK:cc

cc. Mr. R. A. Williford
District Production Manager
Tenneco Oil Company
Suite 1200
Lincoln Tower Building
Denver, Colorado 80203





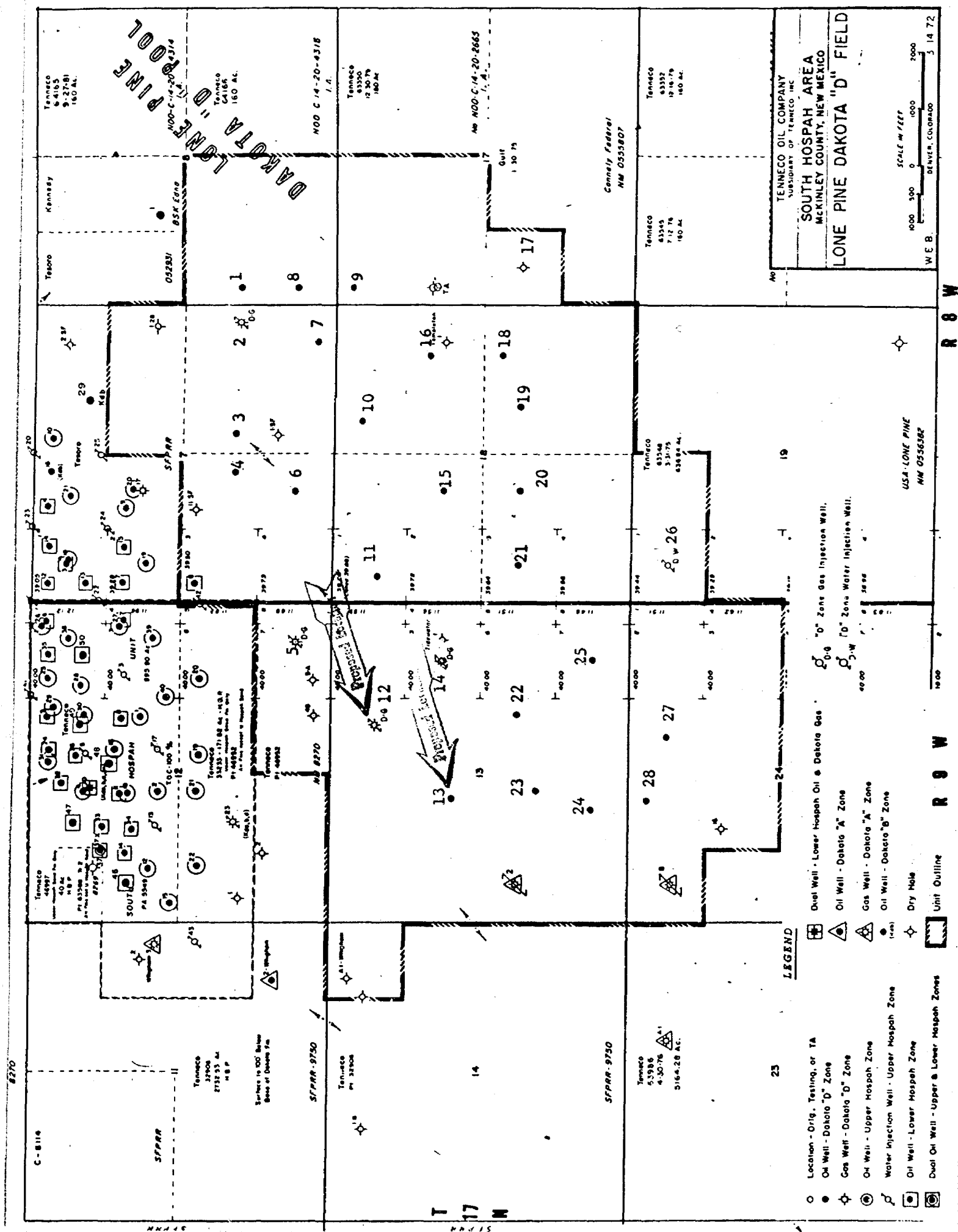


All Measurements Based On Gamma Ray Log

TENNECO OIL COMPANY	
SUBSIDIARY OF TENNECO INC.	
LONE PINE DAKOTA "D" FIELD	
Mc KINLEY COUNTY, NEW MEXICO	
SCHEMATIC DIAGRAM OF	
PROPOSED DUAL COMPLETION	
LONE PINE DAKOTA "D" UNIT 13	
W.E.B.	SCALE - NONE 1-72

WELL NO 12
WILL BE COMPLETED
IN A SIMILAR MANNER
AS # 13. WILL HAVE
EXHIBIT FOR HEARING
IF NECESSARY.

WB



DRAFT

GMH/dr

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. 4742

Order No. R-4241

APPLICATION OF TENNECO OIL
COMPANY FOR DUAL COMPLETIONS,
MCKINLEY COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 28, 1972,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this day of July, 1972, 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, Tenneco Oil Company, seeks authority
to complete its ^{Lone Pine - Dakota "D" unit} Well No. 12, located in Unit B of Section 13,
(~~conventional~~) (~~conventional~~)
as a dual completion (~~combination~~) to inject gas into the
^{1 (tubingless) 2 3/8-inch}
Lone Pine-Dakota "D" Oil Pool through tubing and produce gas
from the "A" zone of the Dakota formation through the casing-
tubing annulus; ^{that} and Tenneco Oil Company also seeks authority to
complete its ^{Lone Pine - Dakota "D" unit} Well No. 13 in Unit F of said Section 13 as a dual
(~~conventional~~) (~~conventional~~)
completion (~~combination~~) in such a manner as to produce oil from
^{1 (tubingless) 2 3/8-inch}
the Lone Pine-Dakota "D" Oil Pool through tubing and gas from the
"A" zone of the Dakota formation through the casing-tubing annulus.

both in Township 17 North, Range 9 West, NMPM, McKinley County,
New Mexico,

(3) That the mechanics of the proposed dual completions 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, Tenneco Oil Company, is hereby authorized to complete its ^{Lone Pine-Dakota "D" Unit} Well No. 12, located in Unit B of Section 13, ^(conventional) ~~(conventional)~~ ^(combination) ~~(combination)~~ to inject gas into the Lone Pine-Dakota "D" Oil Pool through ^(tubingless) ~~(tubingless)~~ ^{2 7/8" - inch} tubing and produce gas from the "A" zone of the Dakota formation through the casing-tubing annulus, and ~~Tenneco Oil Company also seeks authority to~~ ^{to complete its Lone Pine-Dakota "D" Unit} Well No. 13 in Unit F of said Section 13 as a dual ^(conventional) ~~(conventional)~~ ^(combination) ~~(combination)~~ completion ^(tubingless) ~~(tubingless)~~ in such a manner as to produce oil from the Lone Pine-Dakota "D" Oil Pool through ^{2 7/8" - inch} tubing and gas from the "A" zone of the Dakota formation through the casing-tubing annulus, ~~both in~~ Township 17 North, Range 9 West, NMPM, McKinley County, New Mexico,

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, ^{as to each of said wells,} ~~core-segregation~~ packer-leakage tests upon completion and annually thereafter during the Annual Gas-Oil Ratio Test Period ~~Deliverability Test Period~~ for the Lone Pine-Dakota "D" Oil 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.