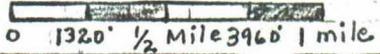


Kersey & Co. - OLD LOCO UNIT

Eddy County, New Mexico

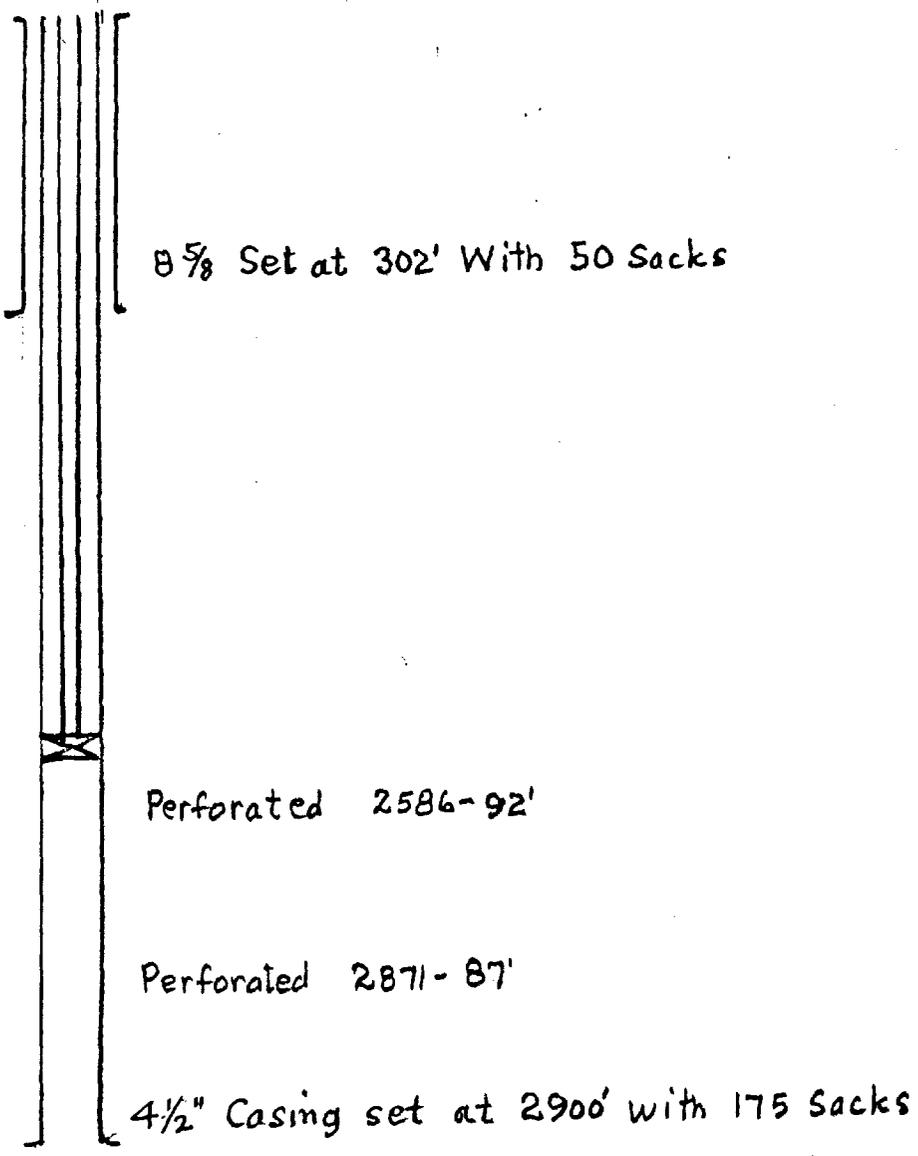
- Proposed Water Injection well
- ⊙ Present Injection wells
- Grayburg
- A Abo
- GSA Grayburg-San Andres
- SR Seven Rivers
- ⊗ Penn.

Scale in Feet



Case 3446

FOR INJECTION-WELL #1 NE NE Sec. 32-17-29

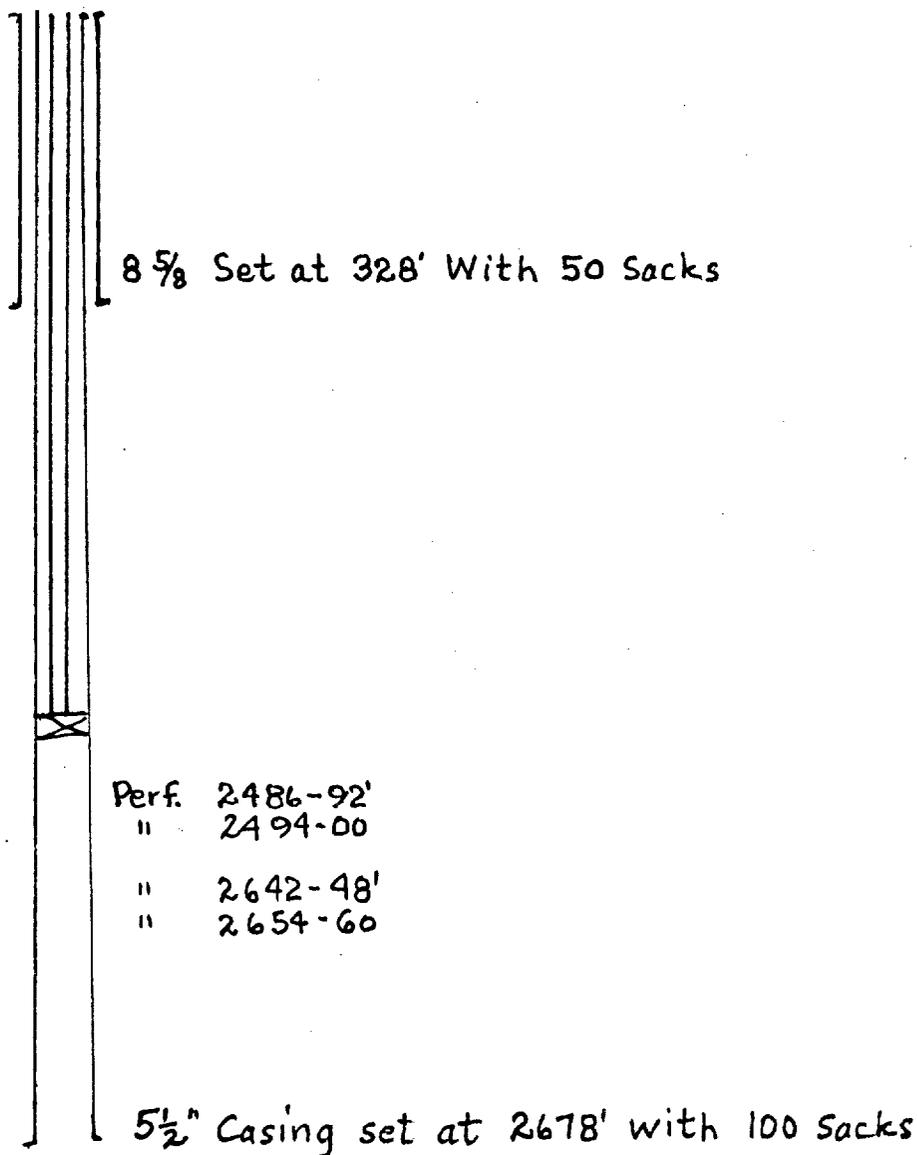


Proposed Procedure:

- 1. Clean out to T.D.
- 2. Run 2" Cement lined tubing with Tension Packer set at 2500'.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. _____
CASE NO. _____

FOR INJECTION-WELL # 3 NE NW Sec 32-17-29

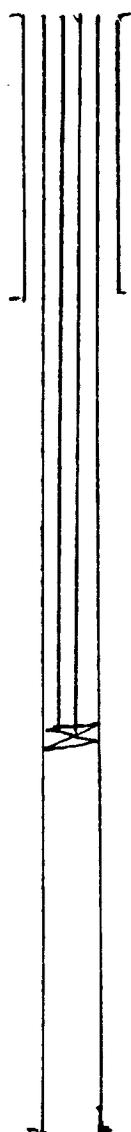


Proposed Procedure:

1. Clean out to T.D
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO.
DATE REC'D

For Injection ~ Well #5 SW NW Sec. 32-17-29



8 5/8 Casing at 400' with 75 Sacks

Perforated 2537-47

Perforated 2700-2708

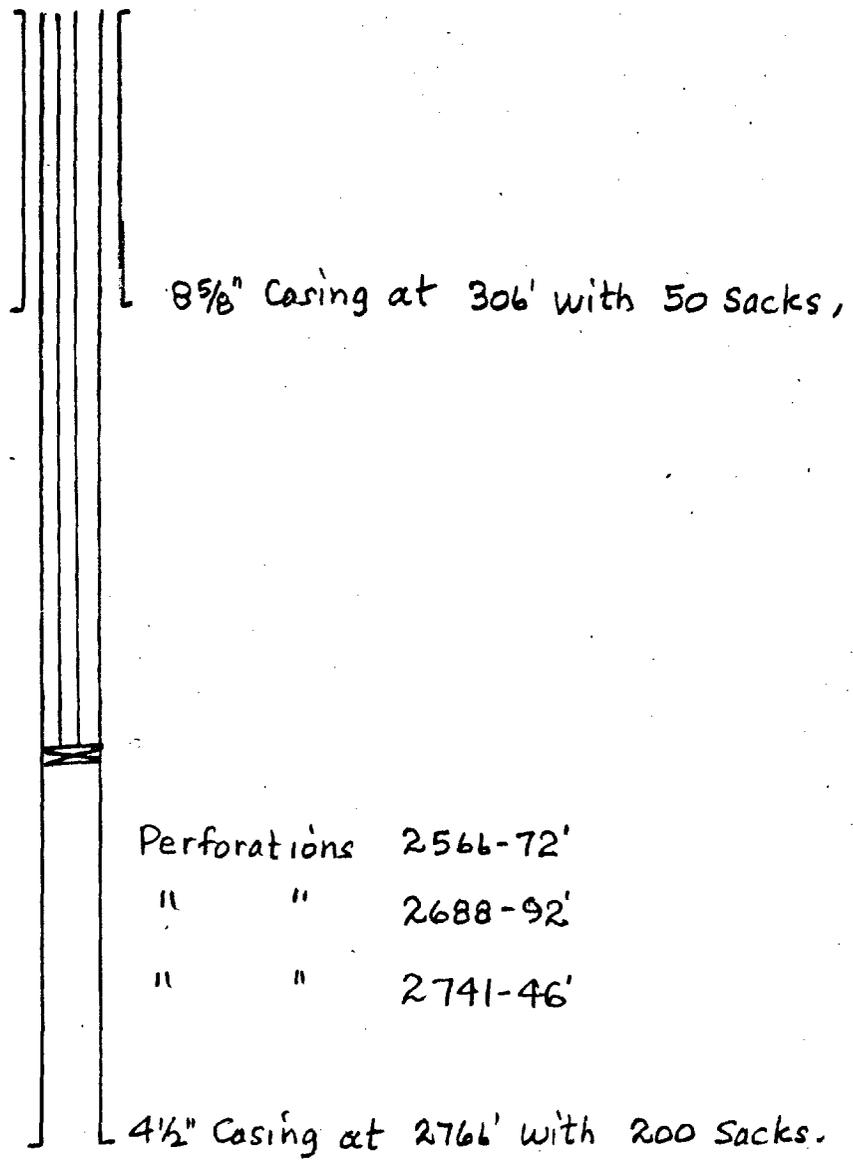
7" Casing to 2736' with 100 sacks

Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

BEFORE EX. ORDER UTZ
OIL CONSERVATION COMMISSION
CASE NO. _____

For Injection ~ Well #15 SW SE Sec. 32-17-29

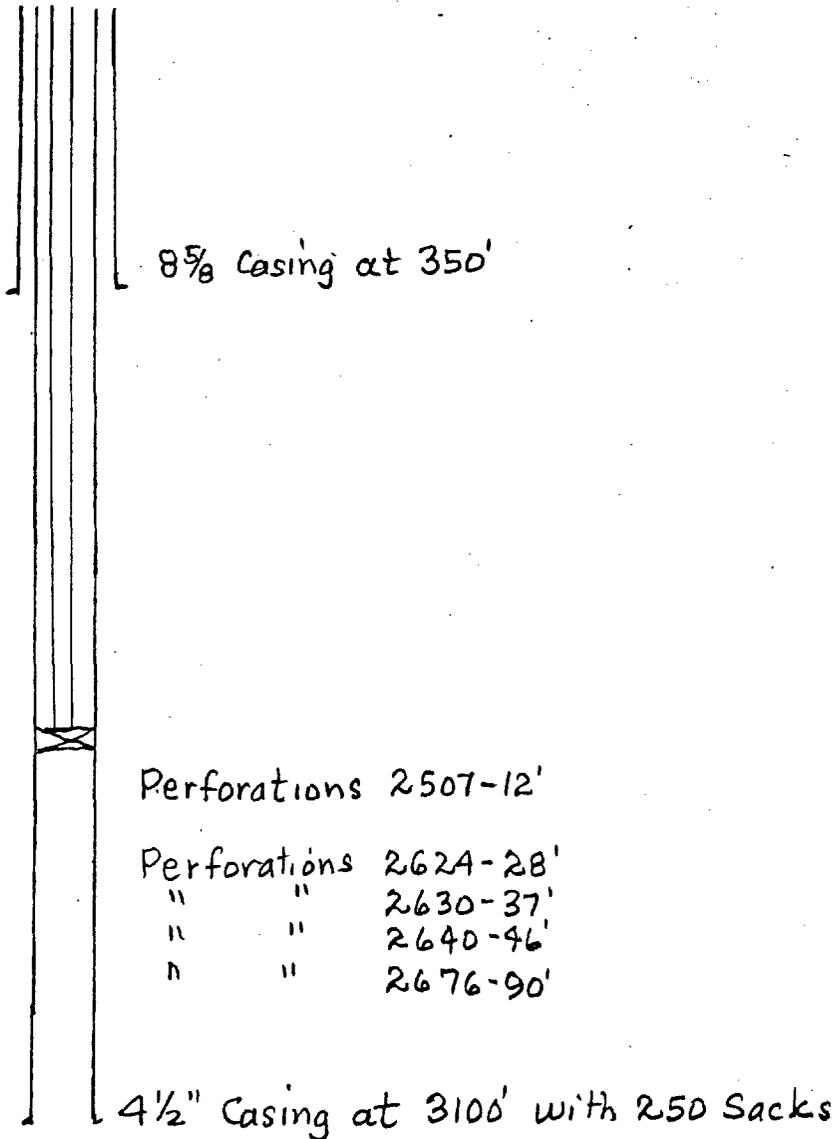


Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer at 2500'.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 12
CASE NO. 3000

For Injection - Well #7 SW NE Sec. 32-17-29

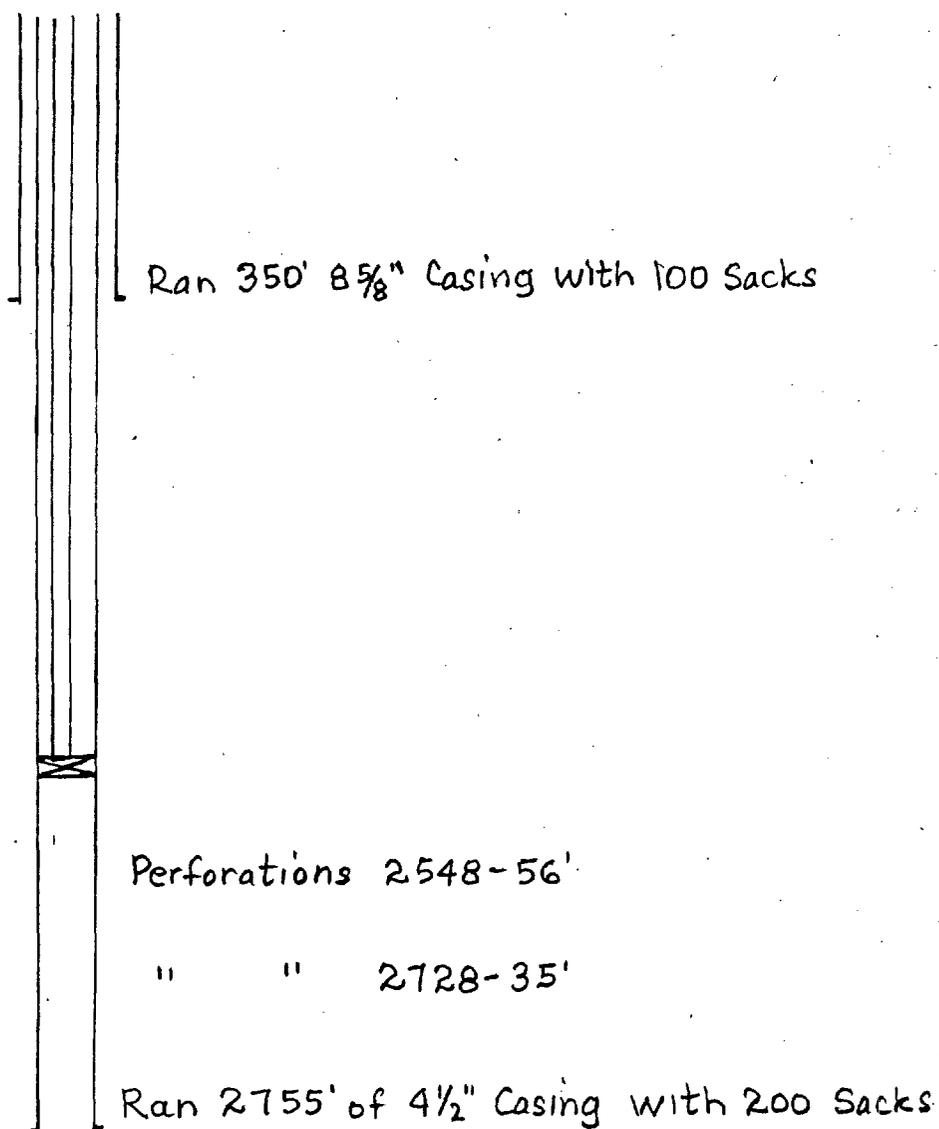


Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2475'.

CASE NO.	DATE
	OF COPY
	BIT NO.

For Injection ~ Well #9 NE SE Sec. 32-17-29

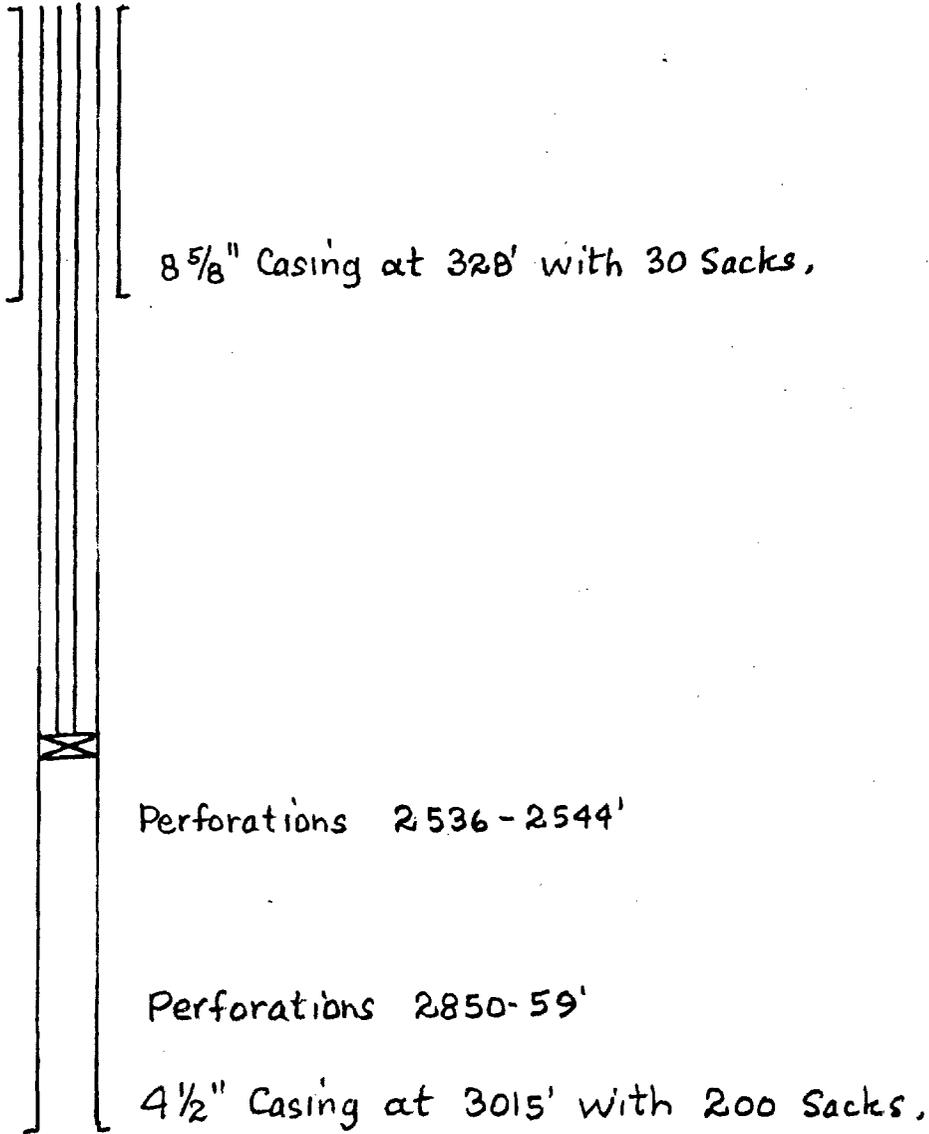


Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. <u>9</u>
CASE NO. <u>2011</u>

For Injection - Well # 11 NE SW Sec. 32-17-29

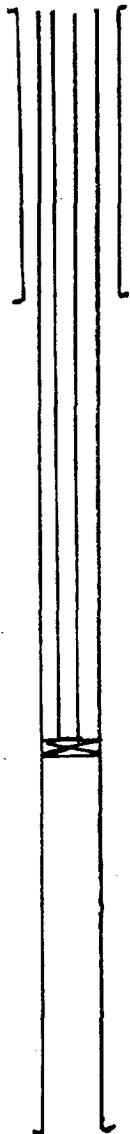


Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

BEFORE	M. NER UTZ
OIL CONSERVATION	COMMISSION
_____ E	IT NO. _____
CASE NO.	_____

For Injection: Plugged Well SW/4 SW/4 Sec. 32-17-29
Proposed well to be numbered 13.

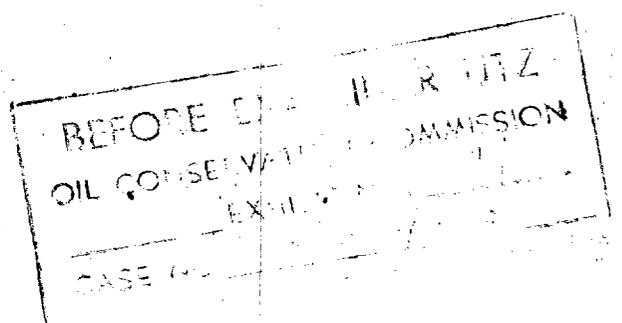


8 5/8" casing at 360' with 100 sacks.

Proposed Procedure:

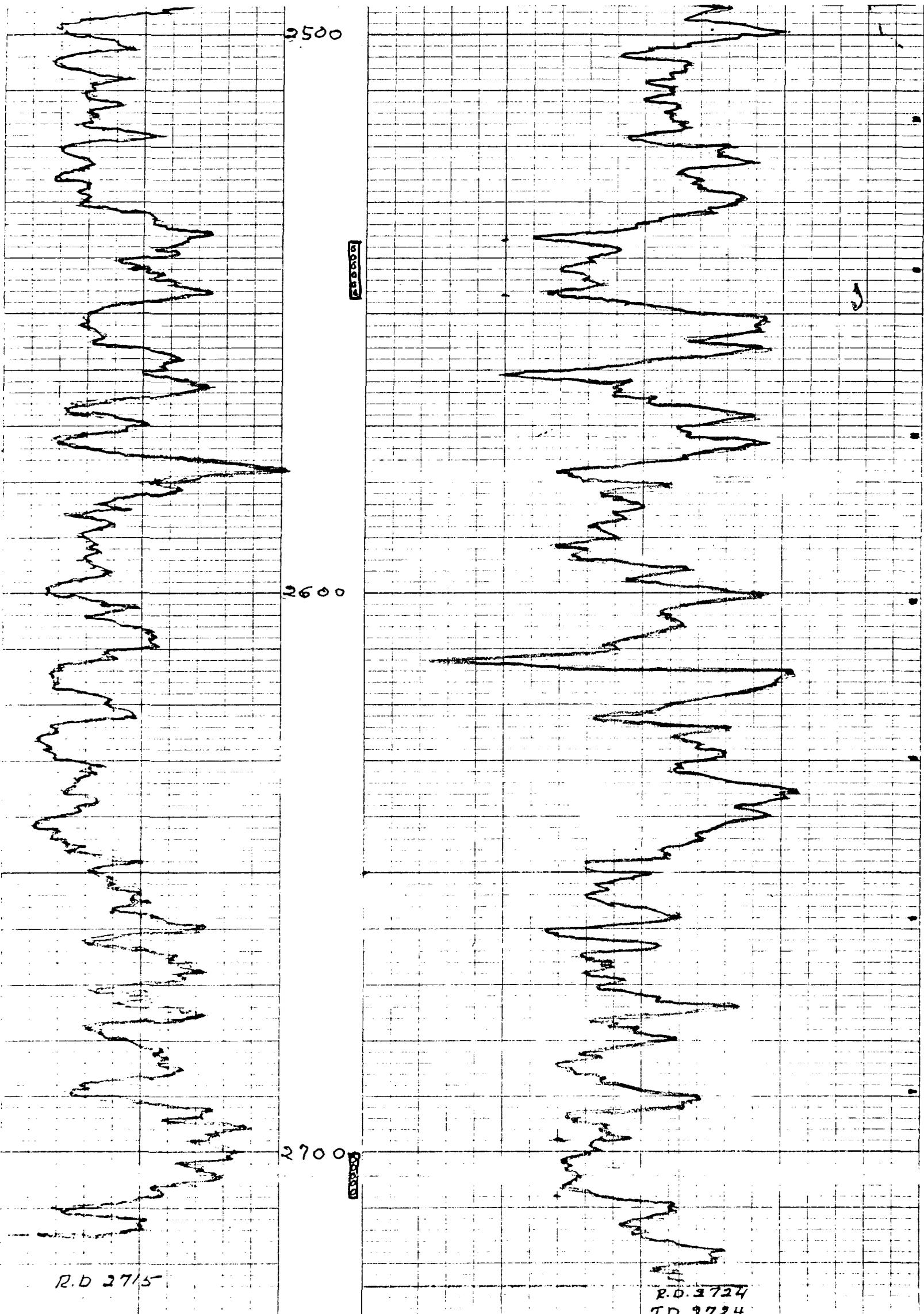
1. Run 4 1/2" Casing to casing stub at 2400' - Cement With 100 sacks.
2. Perforate 5 1/2" Casing below 4 1/2" casing as follows:
 - a. 2510 - 20'
 - b. 2660 - 70'
3. Open Perforations by fracturing.
4. Run 2" cement lined tubing with Tension Packer at 2375'.

5 1/2" casing at 2700' with 100 sacks.



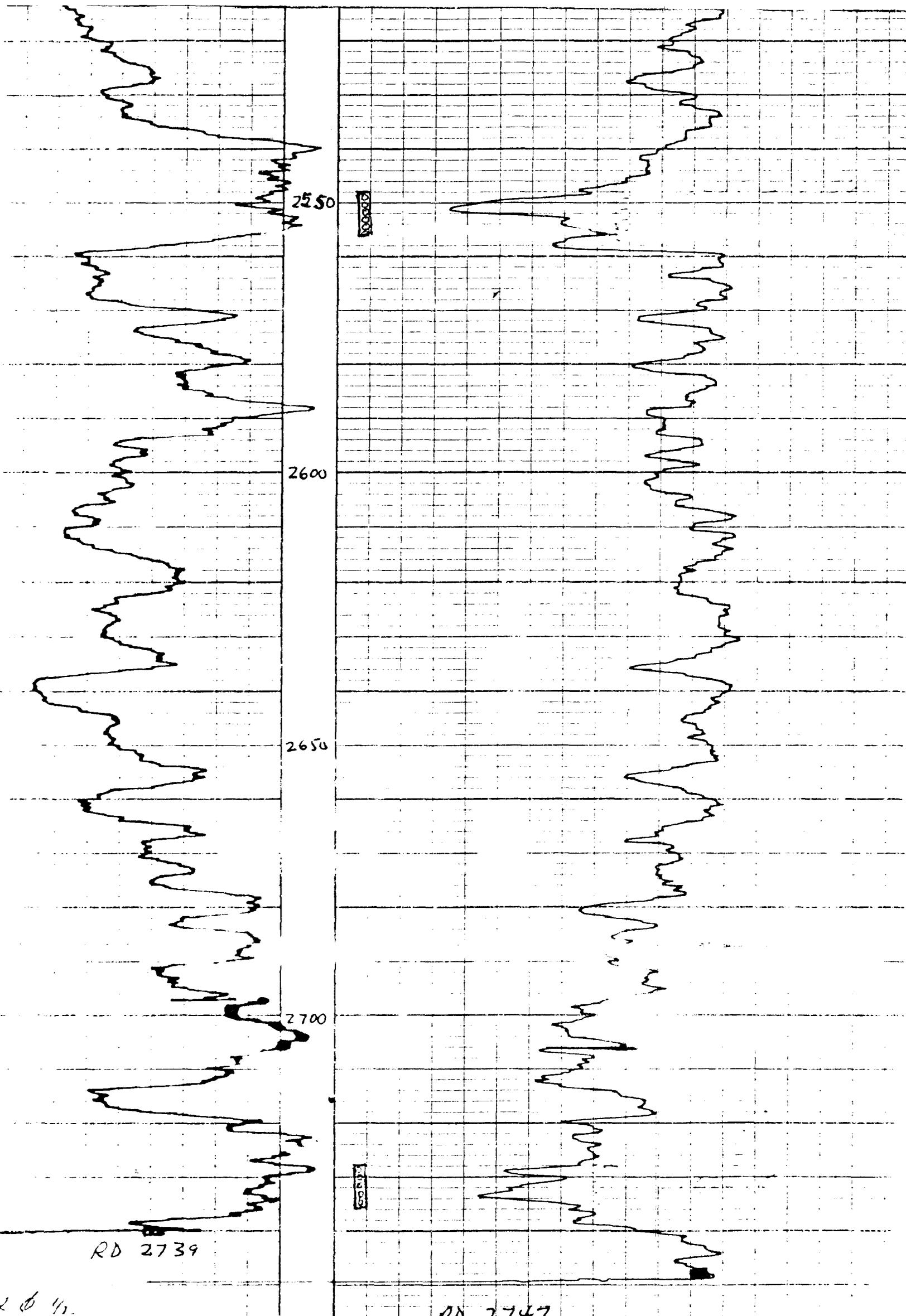
Gamma-Neutron Log Well # 5

SW NW Sec. 32-17-29

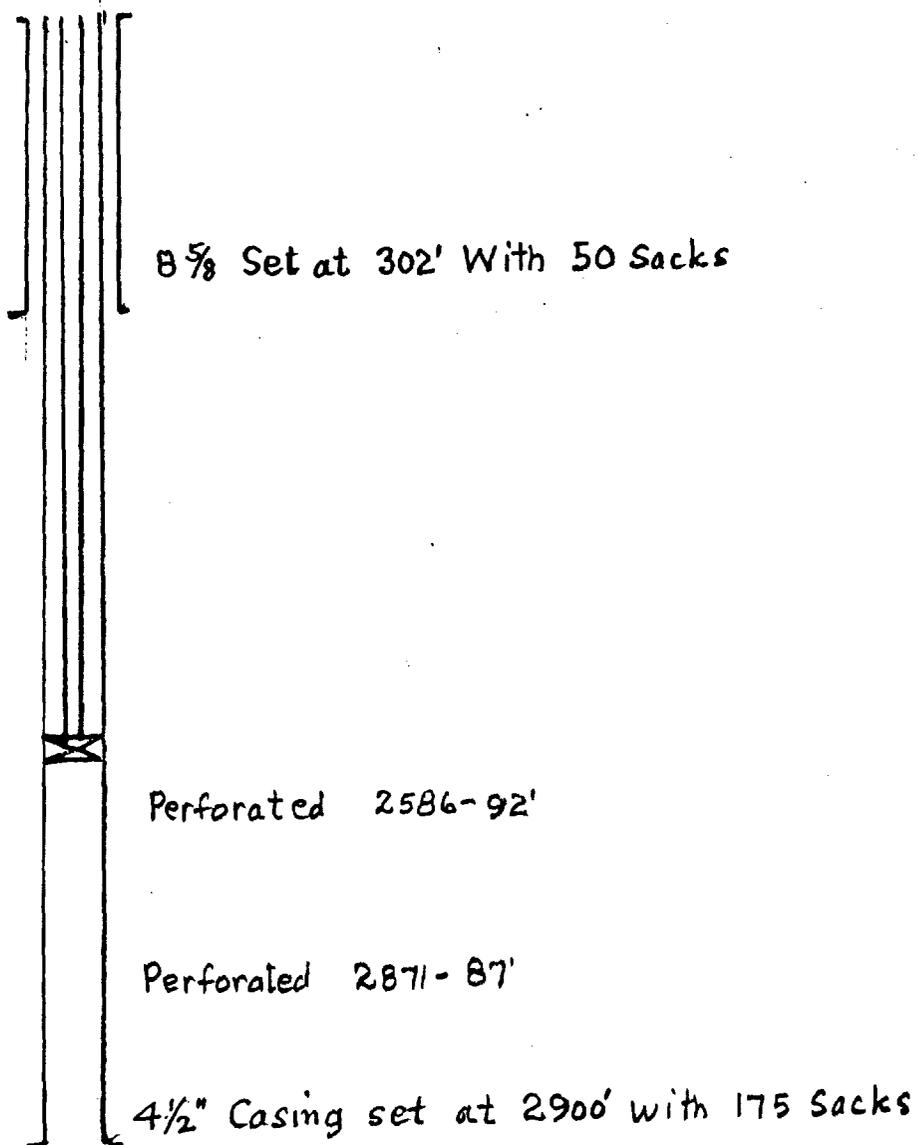


Gamma-Neutron Log - Well # 8

NE SE Sec 32-17-29



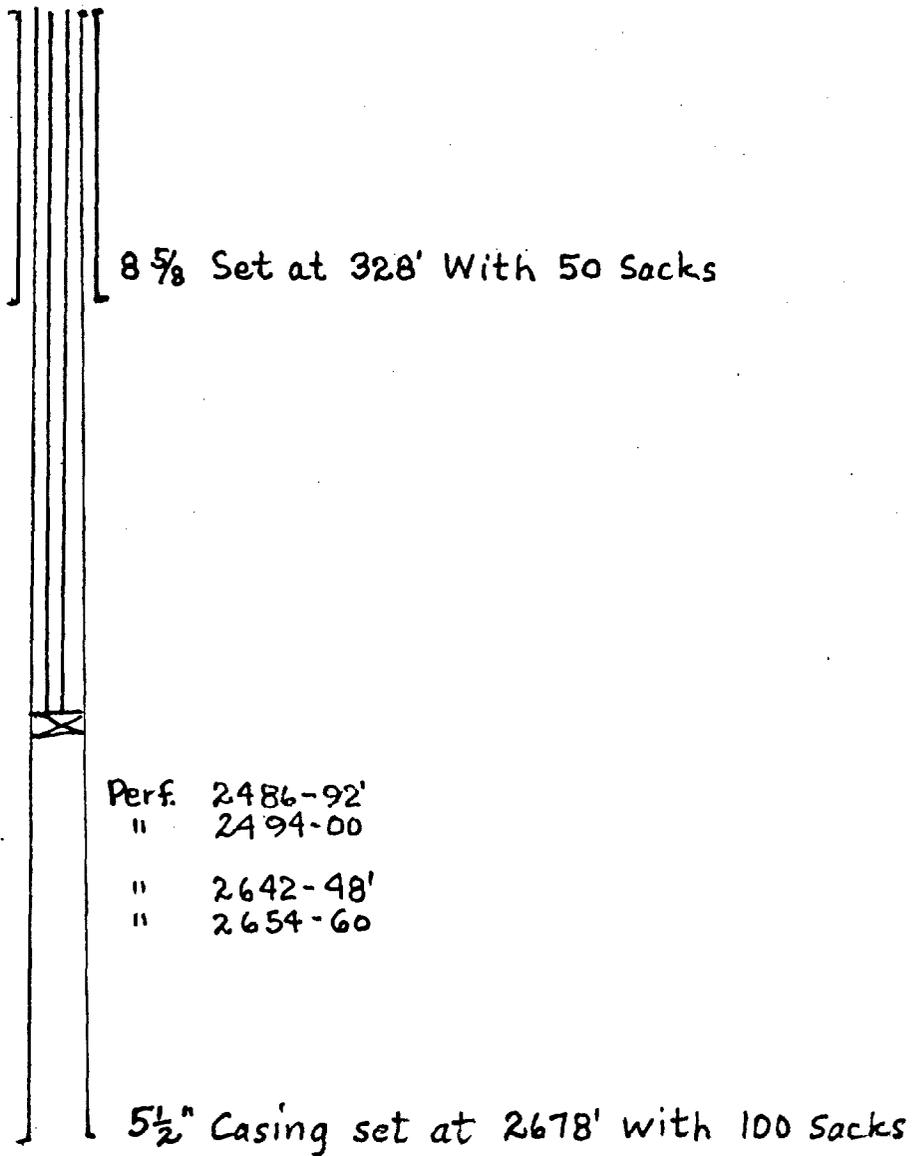
FOR INJECTION-WELL #1 NE NE Sec. 32-17-29



Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'.

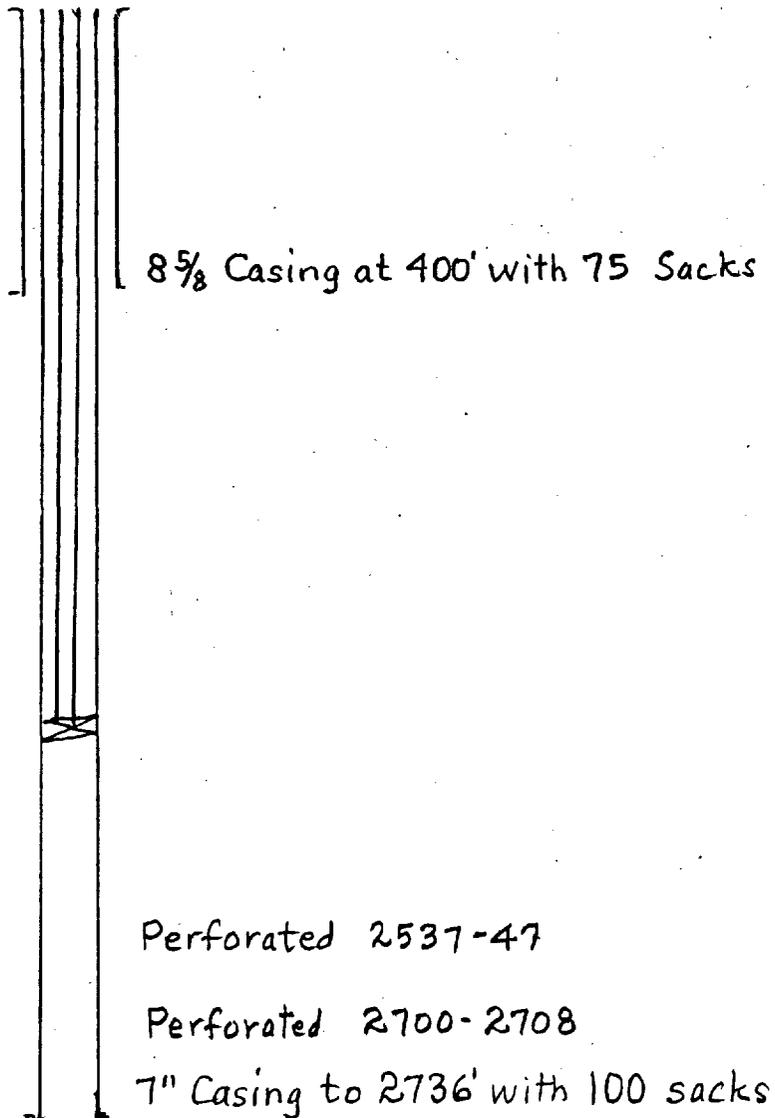
FOR INJECTION-WELL # 3 NE NW Sec 32-17-29



Proposed Procedure:

1. Clean out to T.D
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

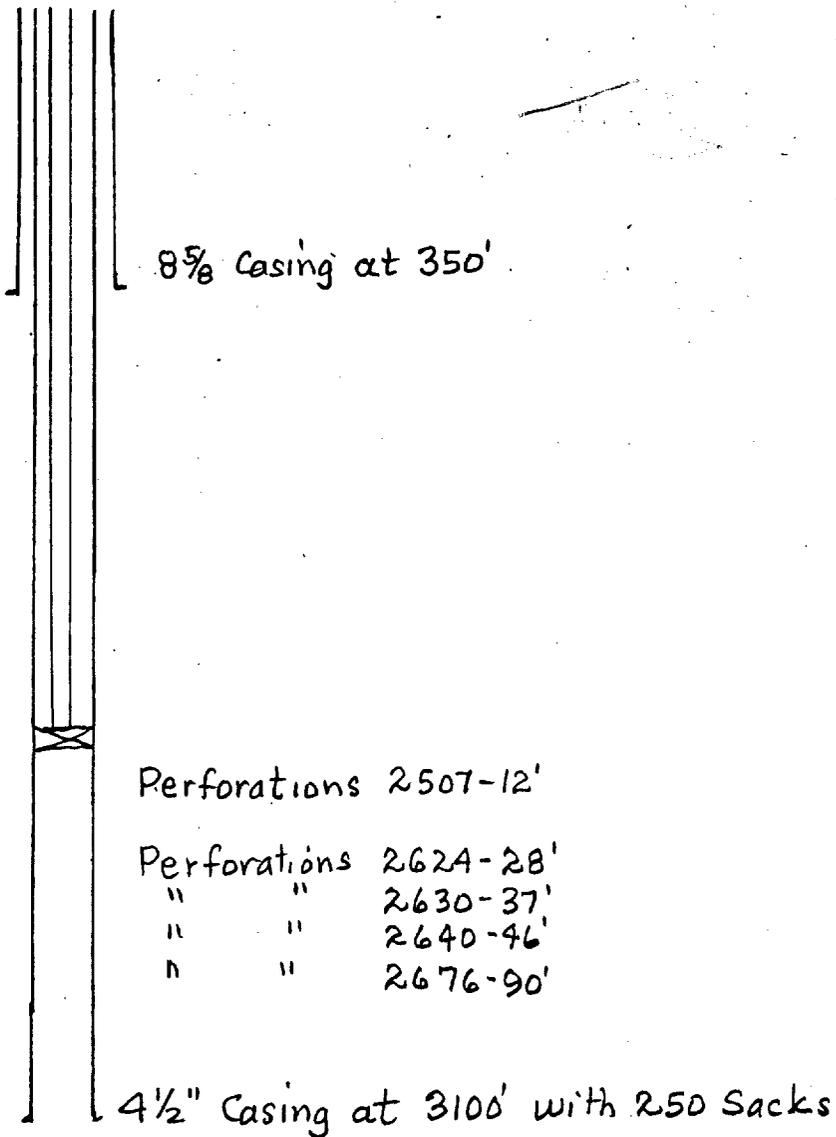
For Injection ~ Well #5 SW NW Sec. 32-17-29



Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

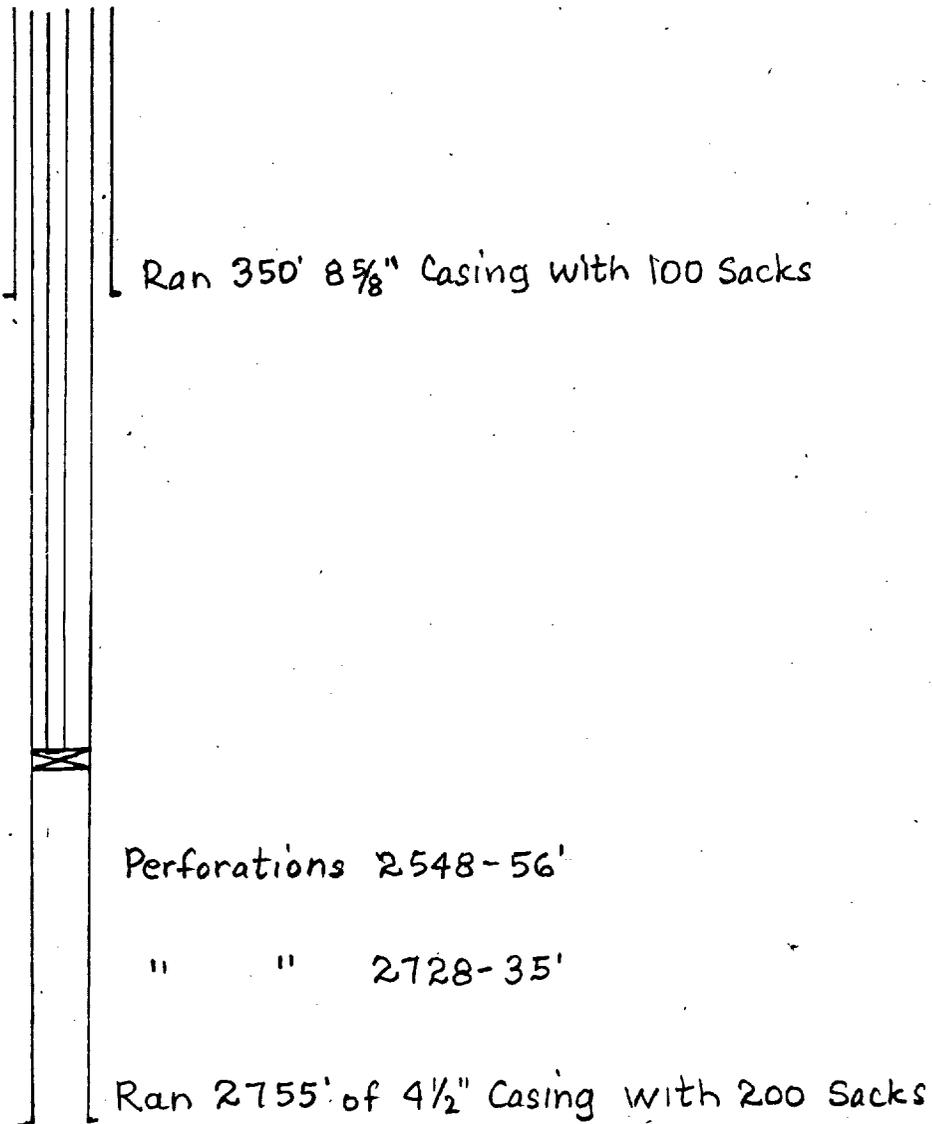
For Injection - Well #7 SW NE Sec. 32-17-29



Proposed Procedure:

1. Clean out to T. D.
2. Run 2" Cement lined tubing with Tension Packer set at 2475'.

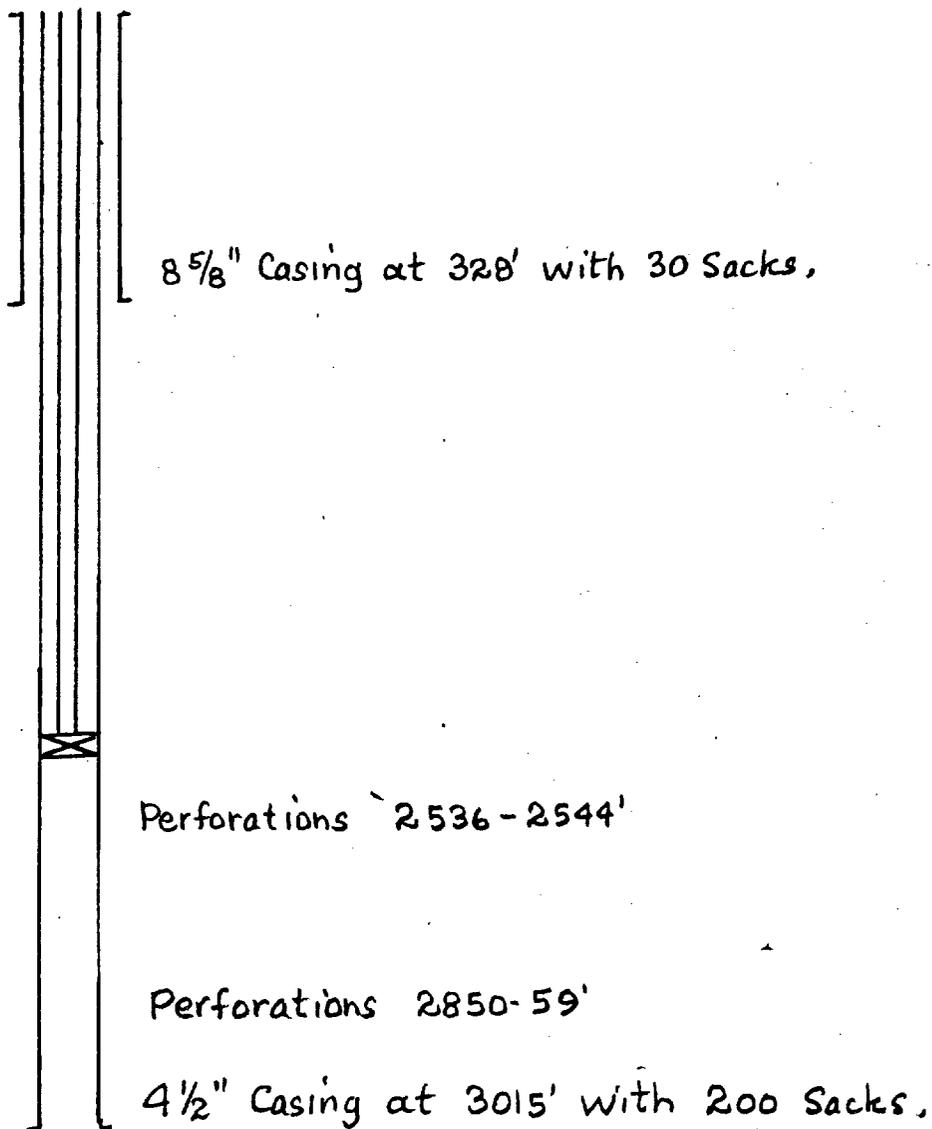
For Injection ~ Well #9 NE SE Sec. 32-17-29



Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'.

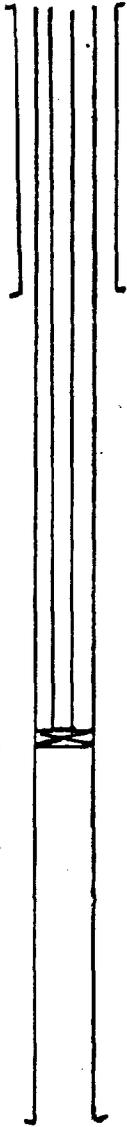
For Injection - Well # 11 NE SW Sec. 32-17-29



Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer set at 2500'

For Injection: Plugged Well SW/4 SW/4 Sec. 32-17-29
Proposed well to be numbered 13.



8 7/8" casing at 360' with 100 sacks.

Proposed Procedure:

1. Run 4 1/2" Casing to casing stub at 2400' - Cement With 100 sacks.
2. Perforate 5 1/2" Casing below 4 1/2" casing as follows:
 - a. 2510 - 20'
 - b. 2660 - 70'
3. Open Perforations by fracturing.
4. Run 2" cement lined tubing with Tension Packer at 2475'

5 1/2" casing at 2700' with 100 sacks.

For Injection ~ Well #15 SW SE Sec. 32-17-29



8 5/8" Casing at 306' with 50 Sacks,

Perforations 2566-72'

" " 2688-92'

" " 2741-46'

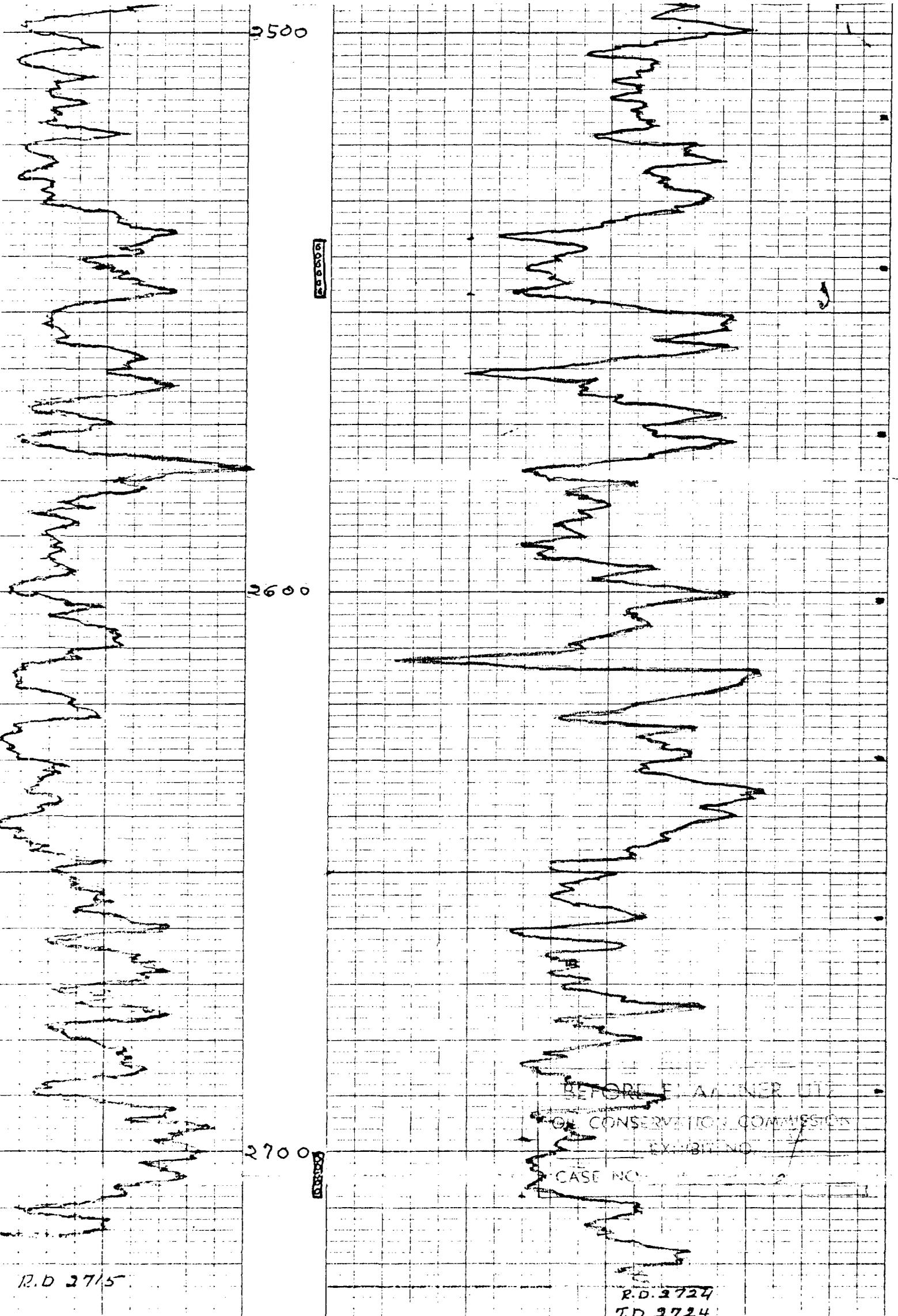
4 1/2" Casing at 2766' with 200 Sacks.

Proposed Procedure:

1. Clean out to T.D.
2. Run 2" Cement lined tubing with Tension Packer at 2500'.

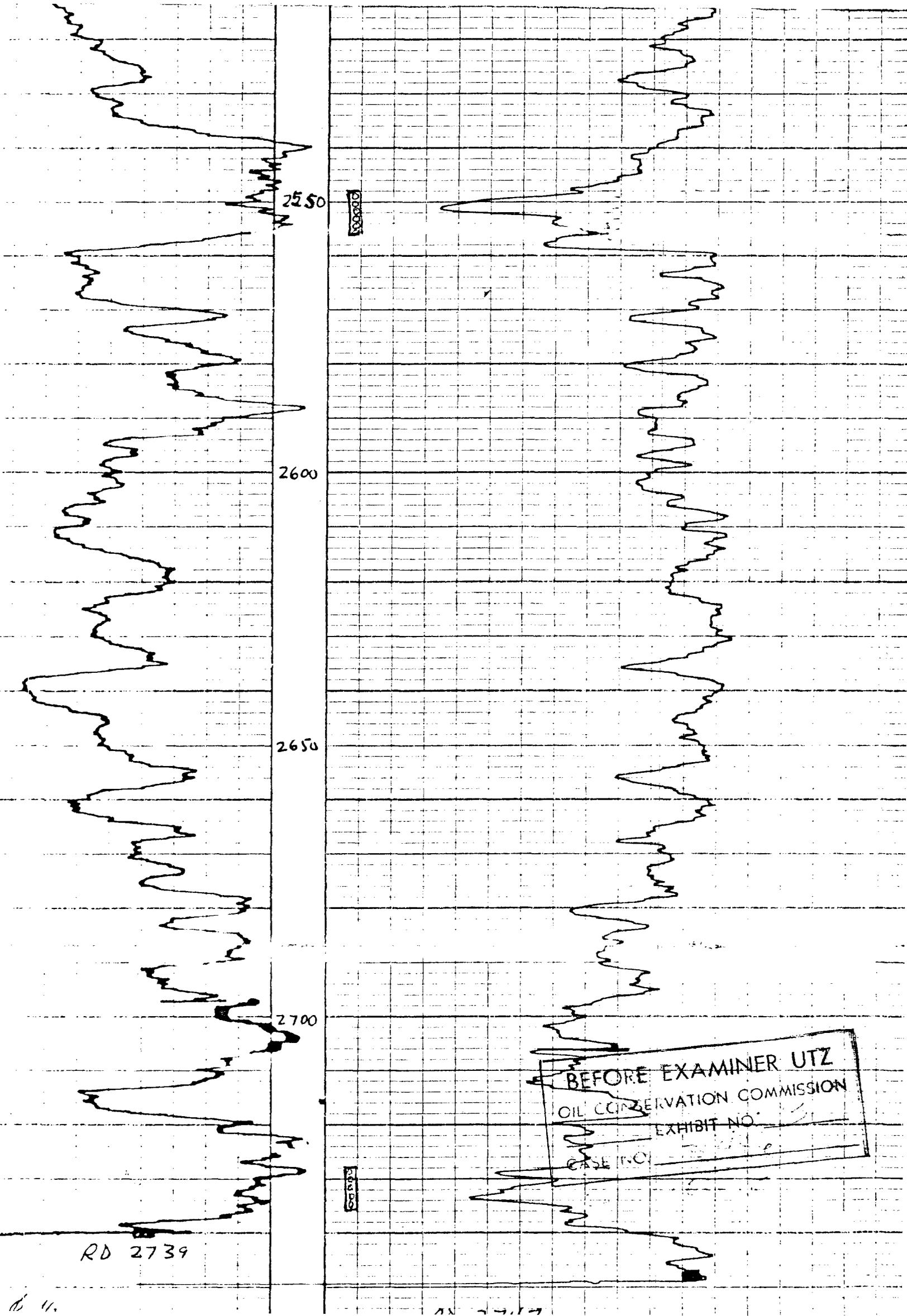
Gamma-Neutron Log Well # 5

SW NW Sec. 32-17-29



Gamma-Neutron Log - Well # 8

NE SE Sec 32-17-29



KERSEY & COMPANY
DRILLING AND OIL PRODUCTION
Phone SH 6-3671 • P. O. Box 316 • 808 W. Grand
ARTESIA, NEW MEXICO 88210

August 22, 1966

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

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

Gentlemen:

The attached papers requested administrative approval for the changing of the flood pattern of the Old Loco Unit, Section 32, Township 17S, Range 29 East, Eddy County, New Mexico.

In view of the fact that a hearing is being held to judge the merits of the case, we would like authority to make any future changes if required by the administrative approval route.

Yours very truly,

KERSEY & COMPANY

Harold Kersey
Harold Kersey

HK:cg
CC: State Engineer
P. O. Box 1079
Santa Fe, New Mexico

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. <u>1</u>
CASE NO. <u>286</u>

K E R S E Y A N D C O M P A N Y

P. O. Box 316
Artesia, New Mexico 88210
July 13, 1966

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 2088
SANTA FE, NEW MEXICO

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

KERSEY & COMPANY REQUEST ADMINISTRATIVE
APPROVAL TO CHANGE THE INJECTION PATTERN
FOR THE OLD LOCO UNIT, SECTION 32,
TOWNSHIP 17 SOUTH, RANGE 29 EAST,
EDDY COUNTY, NEW MEXICO

Gentlemen:

New Mexico Oil Conservation Commission approved a water flood project on the above unit by order No. R-2908 dated May 10, 1965.

Since that time while working out details and obtaining approval of the unit, Tenneco Oil Company has obtained approval and initiated a flood in Section 28, Township 17S, Range 29 East. The pattern of their flood is approximately 180° off our proposed pattern. Since it is necessary to obtain cooperation from the adjoining leases we feel that in the interest of conservation that our pattern should be changed to conform to the flood under way.

In lieu of the following injections, namely:

Old Loco Unit #16 located in SE SE
Old Loco Unit #14 located in SE SW
Old Loco Unit # 8 located in SE NE
Old Loco Unit #12 located in NW SW
Old Loco Unit # 6 located in SE NW
Old Loco Unit # 4 located in NW NW

We propose to use for injection the following wells:

Old Loco Unit # 1 located NE NE
Old Loco Unit # 3 located NE NW
Old Loco Unit # 5 located SW NW
Old Loco Unit # 7 located SW NE
Old Loco Unit # 9 located NE SE
Old Loco Unit #11 located NE SW
Old Loco Unit, Plugged well located SW SW to be numbered 13
Old Loco Unit #15 located SW SE

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. _____
CASE NO. _____

In support of the request and as required by rule 701-B, the following data is attached:

1. A plat showing locations of the proposed injection wells and location of all wells within a radius of two miles from the injection wells and formations from which wells are producing or have produced. Lessee of record are indicated on the plat.

2. Excerpts showing Gamma Neutron logs of the pays to be flooded on two of the wells.

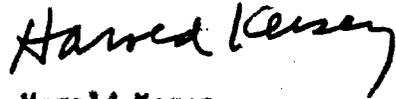
3. A schematic drawing showing each well, its casing depths, cement, perforations and packer settings.

A copy of this letter with attached data is being forwarded by certified mail to the State Engineer's office, Box 1079, Santa Fe, New Mexico and to the offset operators.

Your consideration and approval of the proposed change is respectfully requested.

Yours very truly,

KERSEY & COMPANY



Harold Kersey

HK:cg

CC: State Engineer
P. O. Box 1079
Santa Fe, New Mexico

Depco, Inc.
119 S. Roselawn
Artesia, New Mexico

General American Oil Company
Loco Hills, New Mexico

Skelly Oil Company
P. O. Box 730
Hobbs, New Mexico

J. Cleo Thompson
4500 Republic Natl. Bank Tower
Dallas, Texas 75201

Oil Conservation Commission
P. O. Drawer DD
Artesia, New Mexico 88210