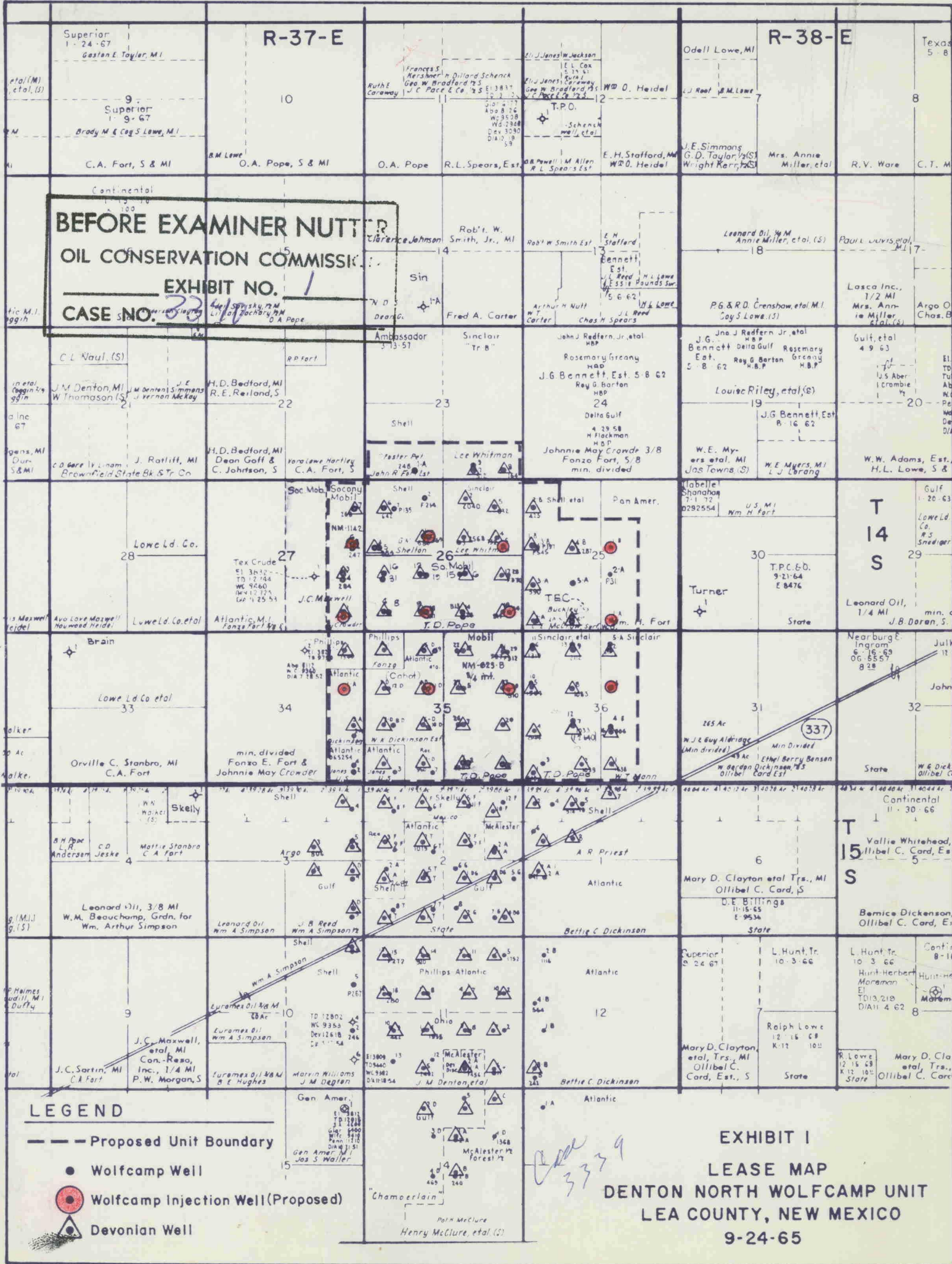




R-37-E

Sinclair
"Tr. B"

J. J. Redfern

R.P. Fort

H.D. Bedford

22

Phillips

Shell

23

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. ²⁴ 2

CASE NO. 3340

H.D. Bedford, et al

V.L. Hartley

Foster Pet.

Lee Whitman, et al

Fonzo Fort, et al

Socony Mobil

Socony Mobil

Shell

Sinclair

Shell

Pan Amer.

27

(Texas Crude)

G.M. Shelton

26

Lee Whitman

25

J.M. Crowder

Fonzo Fort

J.C. Maxwell

Phillips

Phillips

Cabot & Atlantic

Socony Mobil

Buckley

Sinclair

W.F. Fort

Sinclair

34

Atlantic

"A-34"

Fonzo

35

6

36

"B"

Dickinson

Cattle Co.

Dickinson Cattle Co., et al "D"

Atlantic

Atlantic

Jones, Fed.

Jones, Fed.

7

T.D. Pope

T.D. Pope

W.F. Mann

Fonzo Fort, et al

Skelly

Shell

Priest

LEGEND

- Producing Well
- ⊙ Proposed Injection Well
- ▤ Proposed Unit Boundary
- ⊙ Proposed Devonian Conversion to Wolfcamp Injection
- ⊙ Proposed Devonian Conversion to Wolfcamp Producer
- 2 Tract Number

Atlantic

"T"

Mc Alester

"A"

2

State

EXHIBIT 2

PROPOSED INJECTION PATTERN
WATERFLOOD DEVELOPMENT
DENTON NORTH WOLFCAMP UNIT
LEA COUNTY, NEW MEXICO

9-24-65

T
14
S

SCHLUMBERGER WELL SURVEYING CORPORATION HOUSTON, TEXAS	
GAMMA RAY - NEUTRON	
COUNTY <u>LEA</u> FIELD or LOCATION <u>Denton Pope # 18</u> WELL <u>COMPANY Magnolia Petr. Co.</u>	COMPANY <u>MAGNOLIA PETR. CO.</u>
	WELL <u>POPE # 18</u>
	FIELD <u>DENTON</u>
	LOCATION <u>SEC. 26-14S-37E</u>
	COUNTY <u>LEA</u>
STATE <u>NEW MEXICO</u>	Location of Well 660' f SL 2180' f WL SEC. 26-14S-37E GRN (LL-ML) Elevation: D.F. <u>3818</u> K.B. <u> </u> or G.L. <u> </u> FILING No. <u> </u>
RUN No. <u>1</u> Date <u>7-17-53</u> First Reading <u>9368</u> Last Reading <u>0</u> Feet Measured <u>9368</u> Csg. Schlum <u>4692</u> Csg. Driller <u>4692</u> Depth Reached <u>9369</u> Bottom Driller <u>9373</u> Depth Datum <u>1' ACV RT</u> Mud Nat <u>Imp. RM 1X</u> Density <u>8.3</u> Viscosity <u>48</u> Resist. <u>28077 F @ F</u> Res. DHT <u>280145 F @ F</u> pH <u>5 @ F @ F</u> Wtr. Loss <u>10 CC 10 min. CC 30 min.</u> Max. Temp <u>F 145</u> Bit Size <u>6 3/4"</u> Opr. Rig Time <u>4 hrs.</u> Truck No. <u>1760-Hobbs</u> Recorded By <u>Scott</u> Witness By <u>Upp</u>	

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 3

CASE NO. 33416

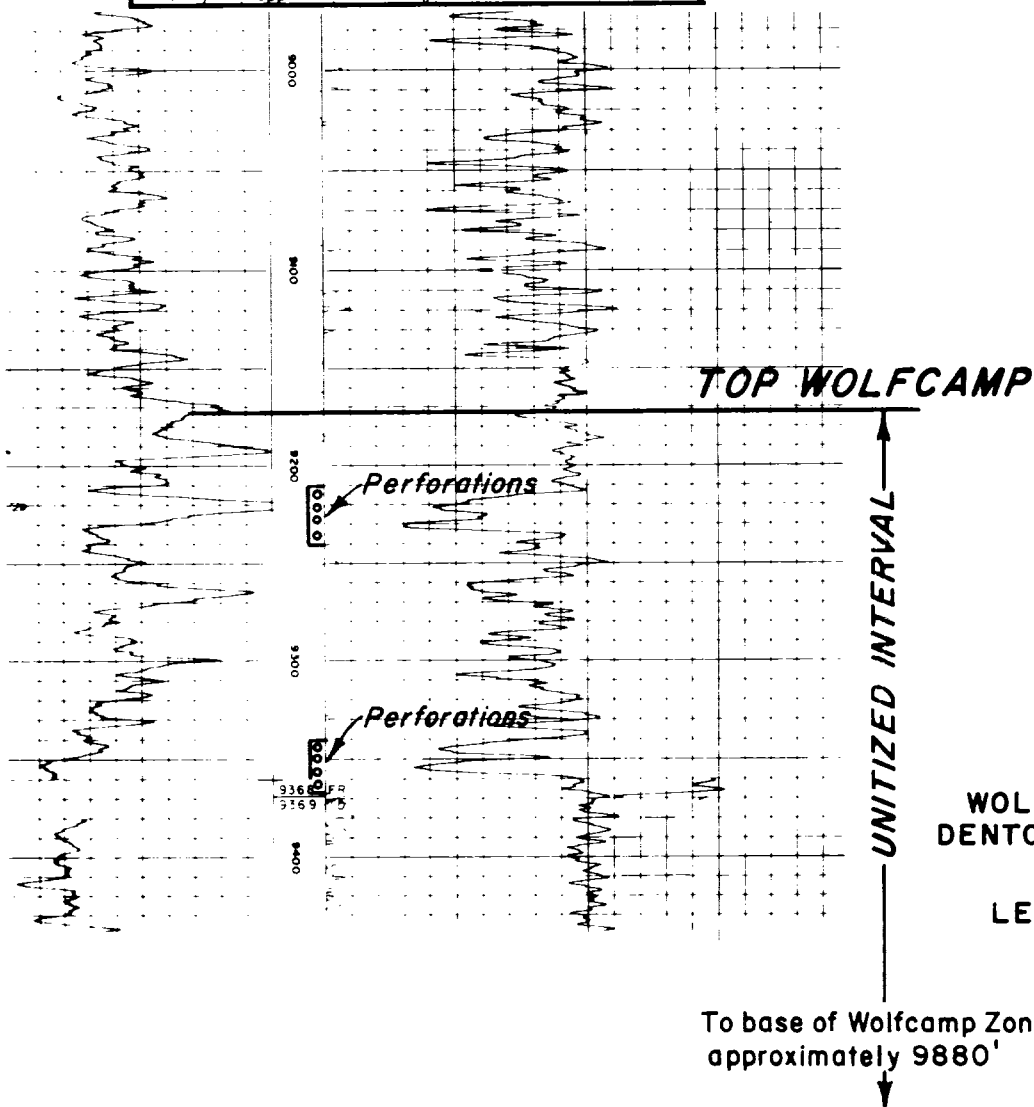


EXHIBIT 3
TYPICAL LOG
WOLFCAMP INJECTION WELL
DENTON NORTH WOLFCAMP UNIT

LEA COUNTY, NEW MEXICO
9-24-65

To base of Wolfcamp Zone
approximately 9880'

EXHIBIT 4 - A

INJECTION WELL COMPLETION DATA

MOBIL OIL CO JC MAXWELL No. 6

LOCATION: 330 FT FEL, 2210 FT FNL

SEC 27 T14S R 37E

Denton North Wolfcamp Unit

Lea Co., N.M.

10 3/4" 32 #/ft. Casing
@ 470 ft. cemented
with 500 sacks of
Neat Cement
Cement circulated

24 # 26.40
7 5/8" 1 #/ft. Casing
@ 4725 ft. cemented
with 1449 sacks of
6% Gel Cement

cement top @ 645 ft

5 1/2" 17 #/ft. Casing
from 4524
to 9450
cemented with
150 sacks of
4% Gel Cement plus
200 sacks of Neat Cement

cement circulated

cement top @ 645 ft
(Temp Sur)

Top of Liner
@ 4524 Squeezed
with 250 sacks Neat
Slacet Cement

cement top @ 6568 ft
(Temp Sur)

2 3/8" cement lined tubing
@ 9250

Tension Packer

Wolfcamp perforations
from 9350
to 9414 } overall

Plug back TD 9446 ft.

Total Depth 9450 ft.

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4A

CASE NO. 3340

3339

EXHIBIT 4 - B

INJECTION WELL COMPLETION DATA

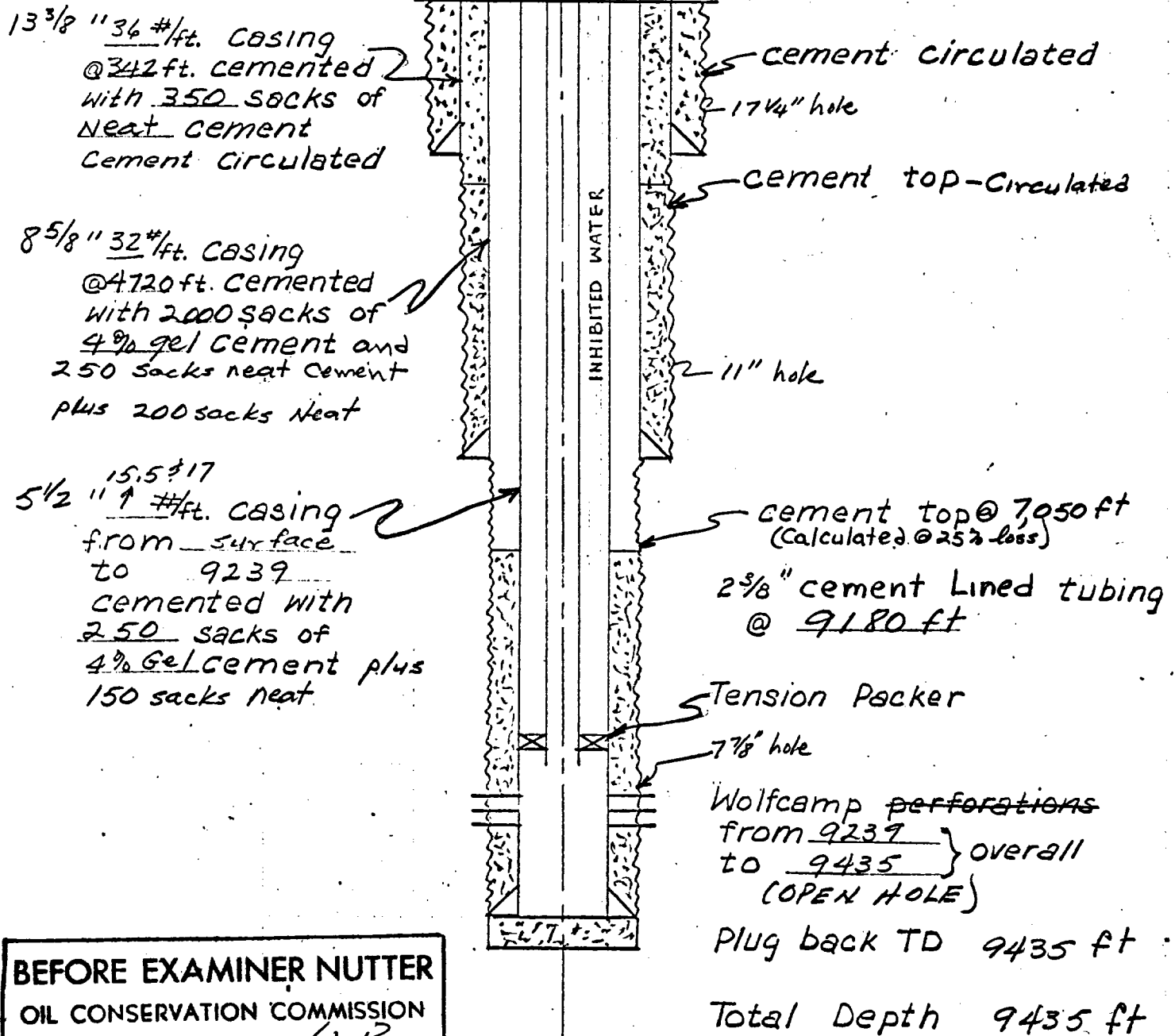
SHELL OIL CO. Shelton No. 3

LOCATION: 1980 ft FNL, 2180 ft FWL

Sec 26 T14-S R 37E

Denton North Wolfcamp Unit

Lea Co., N.M.



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-B

CASE NO. 3340

EXHIBIT 4 - C

INJECTION WELL COMPLETION DATA

SINCLAIR OIL AND GAS LEE WHITMAN "A" No. 6

LOCATION: 2310 ft FNL, 660 ft FEL
SEC 26 T14S R 37E

Denton North Wolfcamp Unit
Lea Co., N.M.

13 3/8" 35 #/ft. Casing
@ 305 ft. cemented
with 350 sacks of
Neat cement
Cement Circulated

cement circulated

9 5/8" 26 #/ft. Casing
@ 4789 ft. cemented
with 2680 sacks of
Neat cement
Cement top

cement top 1540 ft
(Temp Sur)

23126
7" 17 #/ft. casing
from surface
to 9409
cemented with
125 sacks of
neat cement

cement top 8615'
(Temp Sur)

2 3/8" Cement Lined tubing
@ 9237 ft

Tension Packer

Wolfcamp perforations
from 9286
to 9355 } overall

Plug back TD 9370 ft

Total Depth 9410 ft

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-C

CASE NO. 33410

EXHIBIT 4 - D

INJECTION WELL COMPLETION DATA

PAN AMERICAN PETROLEUM CORP W. H. Fort "B" #1

Location: 2310 ft FNL, 2310 ft FEL

Sec 25 T14S R37E

Denton North Wolfcamp Unit

Lea Co., N.M.

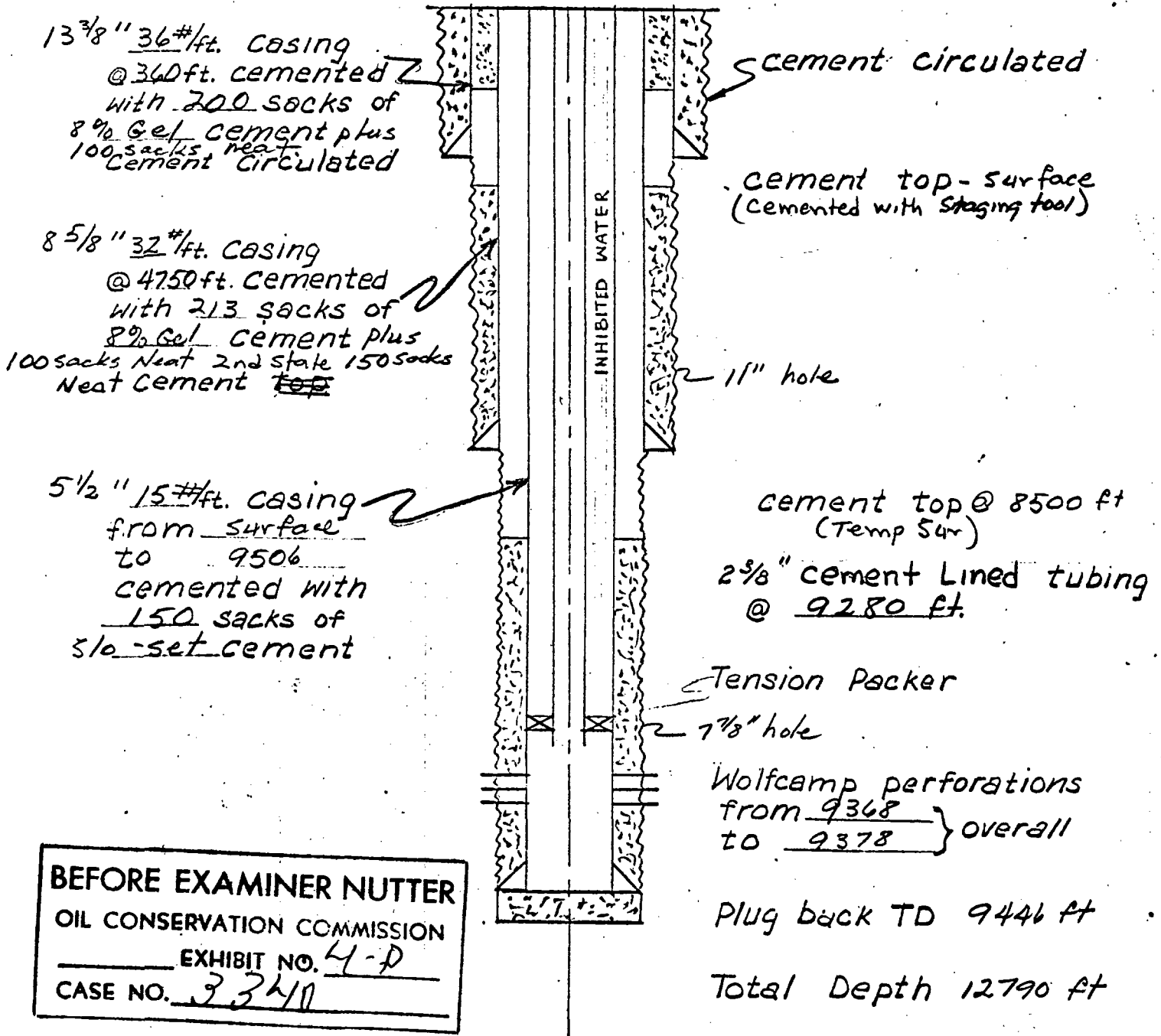


EXHIBIT 4 - E

INJECTION WELL COMPLETION DATA

PAN AMERICAN PET CORP W.H. FORT "A" No.1 -

LOCATION: 330 ft FSL & 2310 ft FEL

Sec 25 T14S R 37E

Denton North Wolfcamp Unit

Lea CO., N. M.

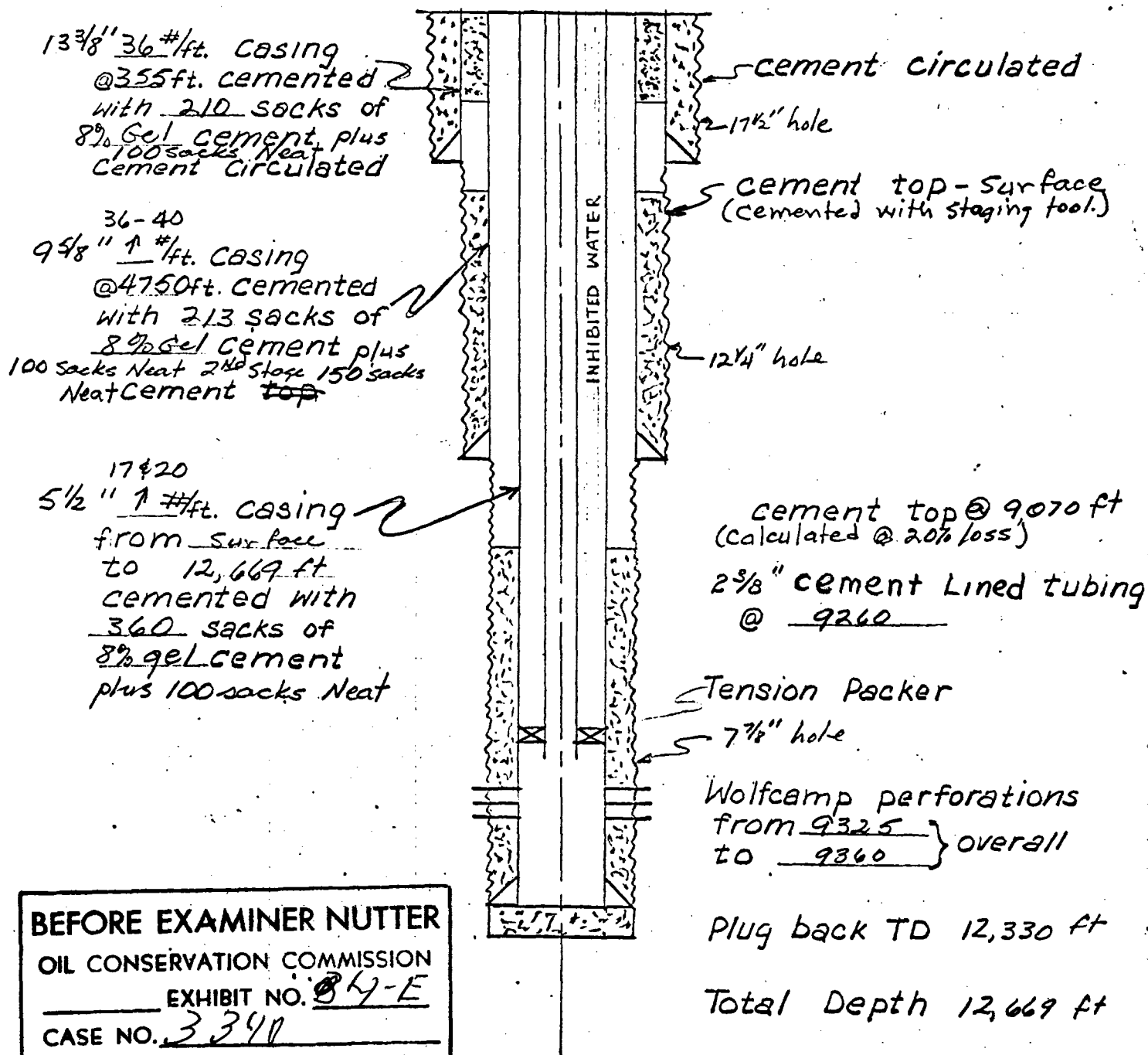


EXHIBIT 4 - F

INJECTION WELL COMPLETION DATA

MOBIL OIL CO T.D. POPE No. 24

LOCATION: 460 ft FEL, 660 ft FSL

Sec 26 T 14 S R 37 E

Denton North Wolfcamp Unit

Lea Co., N.M.

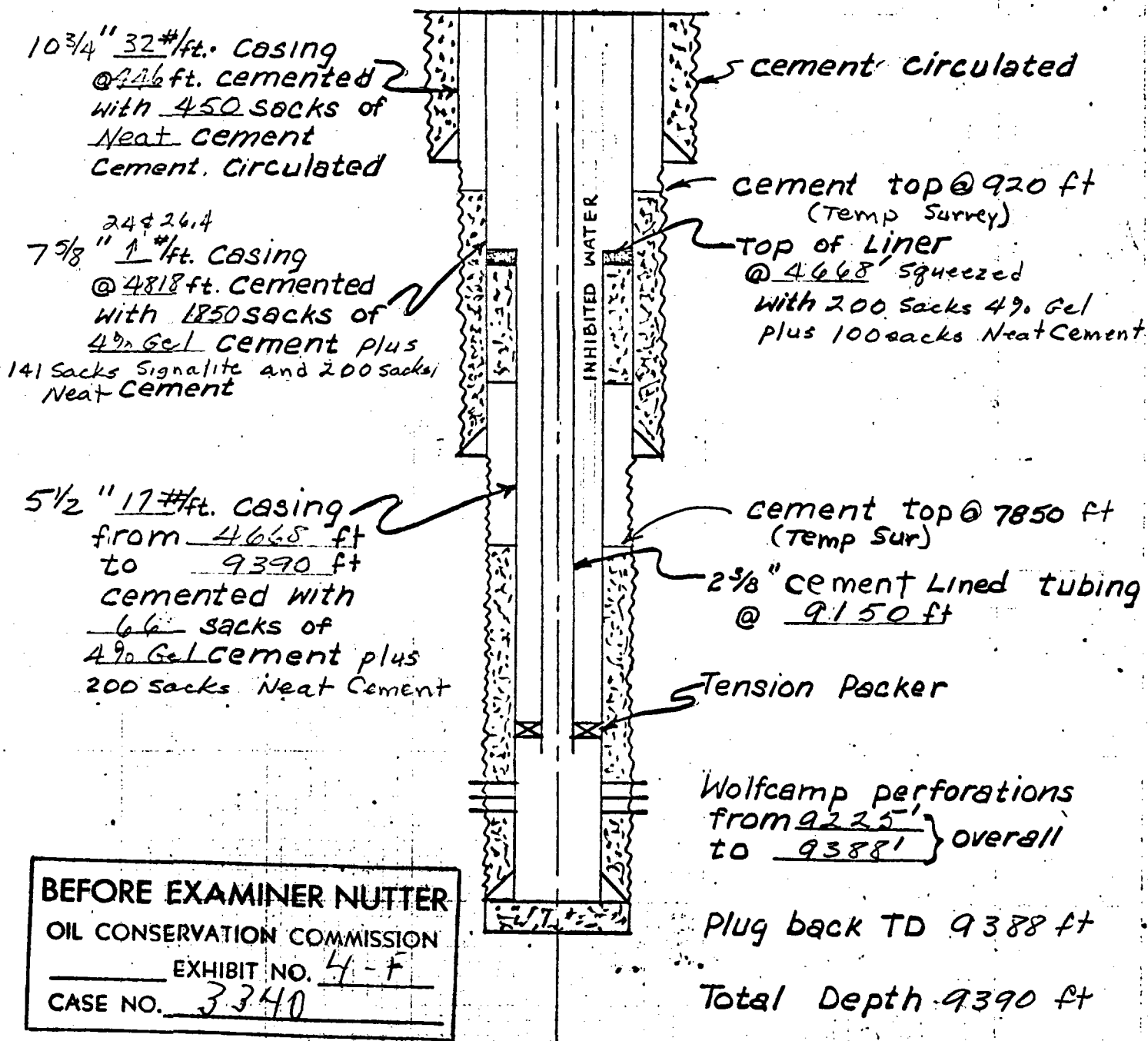


EXHIBIT 4 - G

INJECTION WELL COMPLETION DATA

MOBIL OIL CO T.D. POPE No. 18

LOCATION: 660 ft FSL, 2180 ft FWL

Sec 26 T14S R37E

Denton North Wolfcamp Unit

Lea CO, N.M.

10 3/4" 35#/ft. casing
@ 457 ft. cemented
with 600 sacks of
Neat Cement
Cement. Circulated

24 # 26.4
7 5/8" 1 #/ft. casing
@ 4692 ft. cemented
with 1730 sacks of
4% Gel Cement plus
200 sacks Neat
Cement top-Circulated

5 1/2" 17 #/ft. casing
from 4474
to 9390
cemented with
255 sacks of
4% Gel Cement plus
200 sacks Neat Cement

Cement Circulated

Cement top-Circulated

top of Liner
@ 4474' Squeezed
with 150 sacks of 4% Gel
plus 100 sacks Neat Cement

Cement top 5270 ft
(Temp 54r)

2 3/8" cement Lined tubing
@ 9160 ft

Tension Packer

Wolfcamp perforations
from 9210 ft
to 9370 ft overall

Plug back TD 9387 ft

Total Depth 9390 ft

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4 - G
CASE NO. 3340

EXHIBIT 4 - H

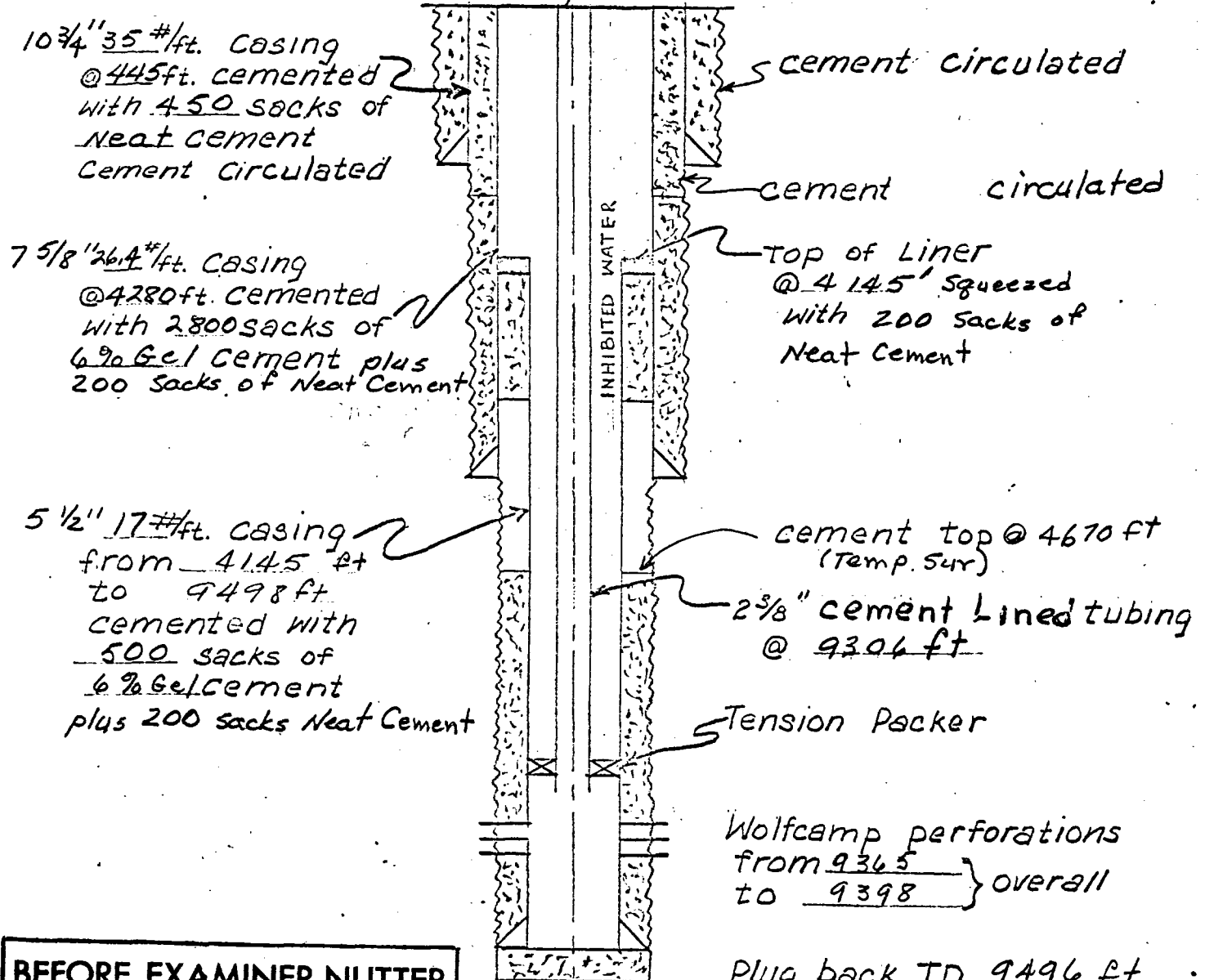
INJECTION WELL COMPLETION DATA

MOBIL OIL CO J.C. Maxwell No. 2

Location: 560 ft FSL, 660 ft FEL

Sec 27 T14S R 37E

Denton North Wolfcamp Unit
Lea Co., N.M.



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-H

CASE NO. 3340

EXHIBIT 4 - I

INJECTION WELL COMPLETION DATA

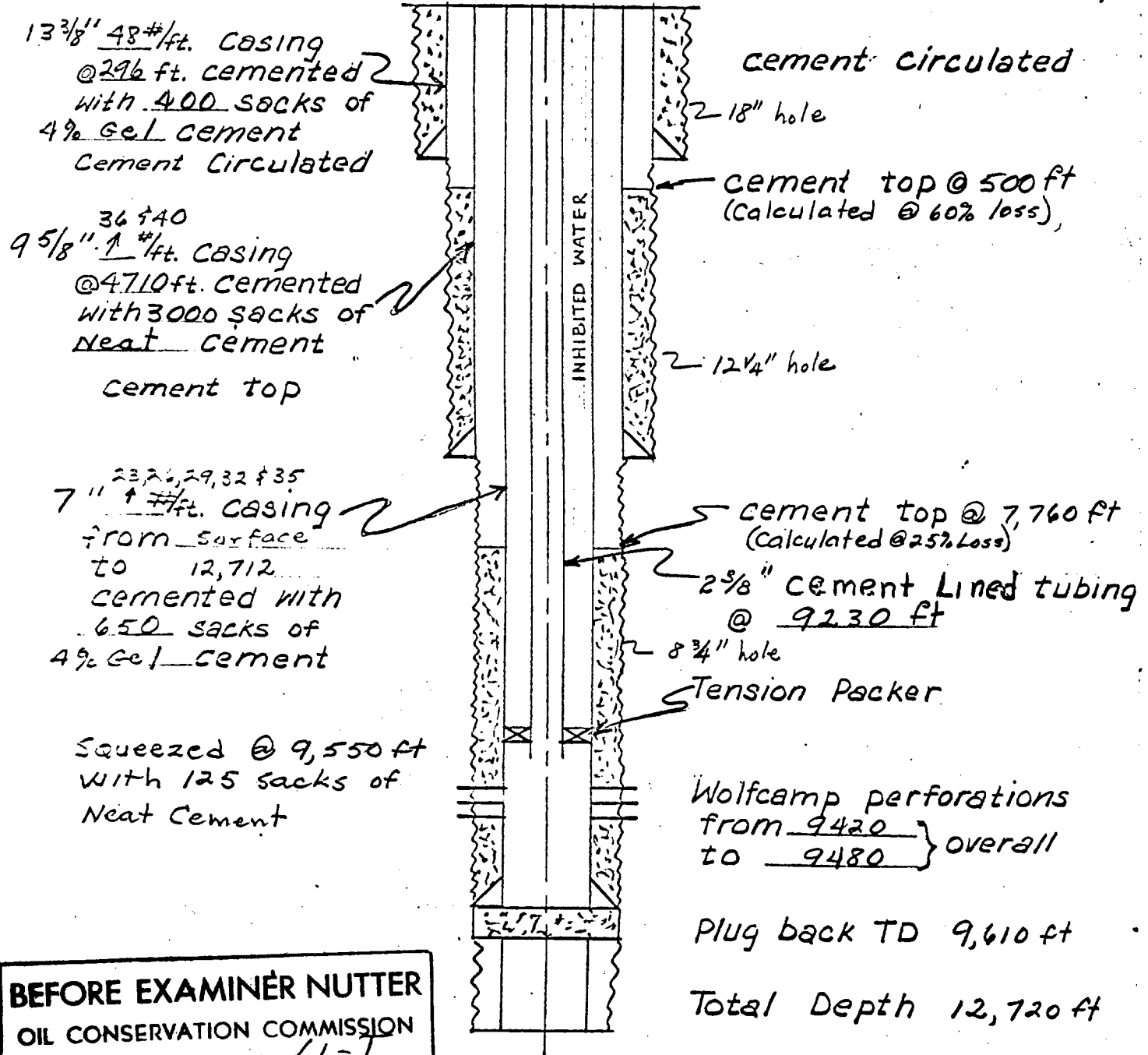
ATLANTIC REFINING CO. Dickinson A-34 No. 1

Location: 1980 ft FNL & 660 ft FEL

Sec 34 T14S R 37E

Denton North Wolfcamp Unit

Lea CO., N.M.



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4-I
CASE NO. 3340

EXHIBIT 4 - K

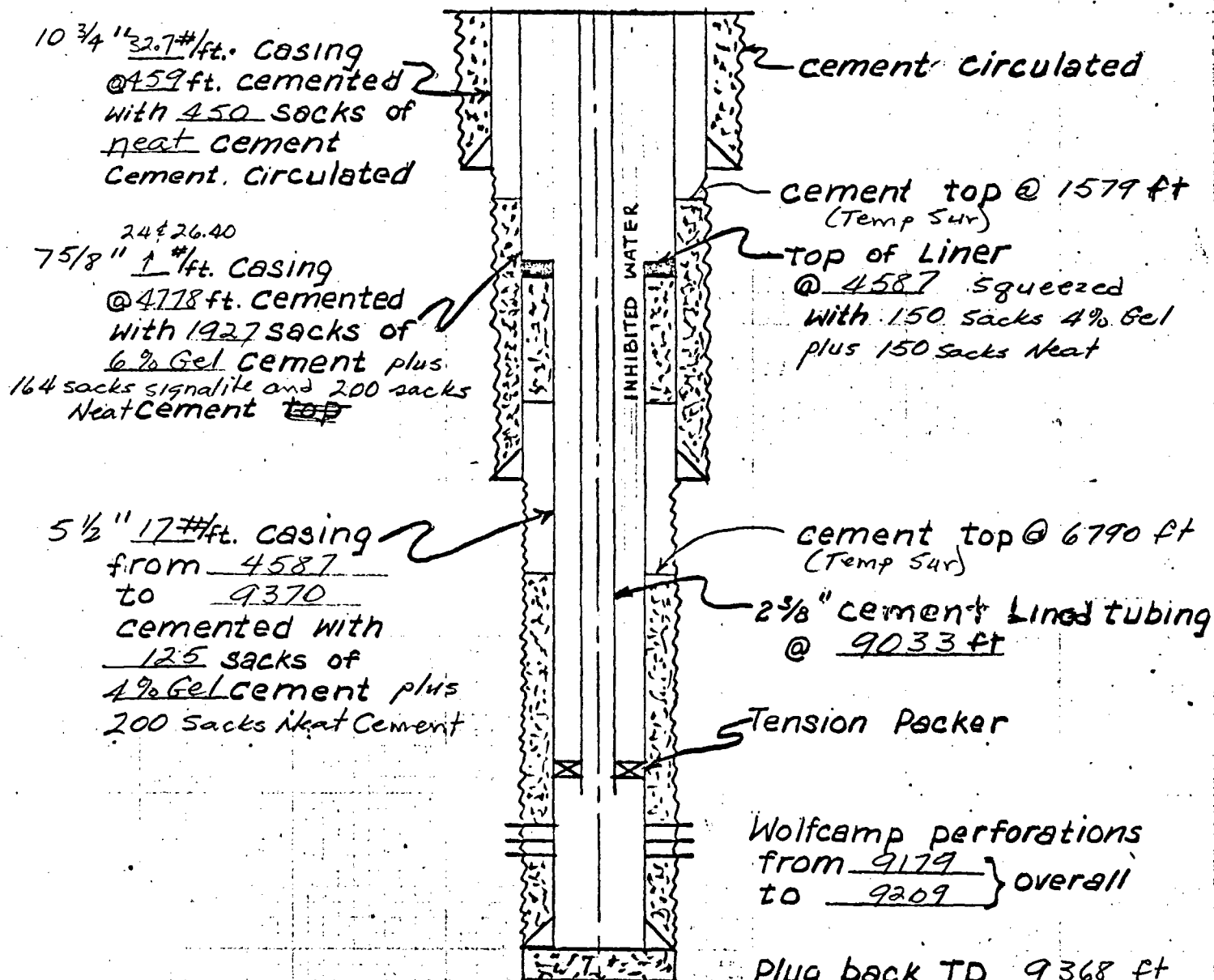
INJECTION WELL COMPLETION DATA MOBIL OIL CO T.D. POPE No. 30

LOCATION: 1980. ft ENL, 460 ft FEL

SEC 35 T14S R37E

Denton North Wolfcamp Unit.

Lea Co., N.M.



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-K

CASE NO. 3340

EXHIBIT 4 - L

INJECTION WELL COMPLETION DATA

SINCLAIR OIL & GAS W.T. MANN No. 3

Location: 1980 ft FNL, 2310 ft FEL

Sec 36 T14S R37E

Denton North Wolfcamp Unit

Lea Co., N.M.

13³/₈" 36 #/ft. casing
@ 312 ft. cemented
with 325 sacks of
Neat Cement
Cement circulated

cement circulated

9⁵/₈" 36 #/ft. casing
@ 4791 ft. Cemented
with 2500 sacks of
Neat Cement
Cement top

Cement top @ 1030 ft
(Temp Sur)

7" 29 #/ft. casing
from surface
to 12,642
cemented with
600 sacks of
Neat Cement

Cement top @ 8060 ft
(Temp Sur)

2⁵/₈" cement lined tubing
@ 9200 ft

Tension Packer

Wolfcamp perforations
from 9270
to 9450 } overall

Plug back TD 9800 ft

Total Depth 12,642 ft

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-L

CASE NO. 3740

NOTE:

The well is currently
producing from the Devonian
Zone @ 12,500 ft. It will be
plugged back and completed
as a Wolfcamp Injector
in accordance with the diagram.

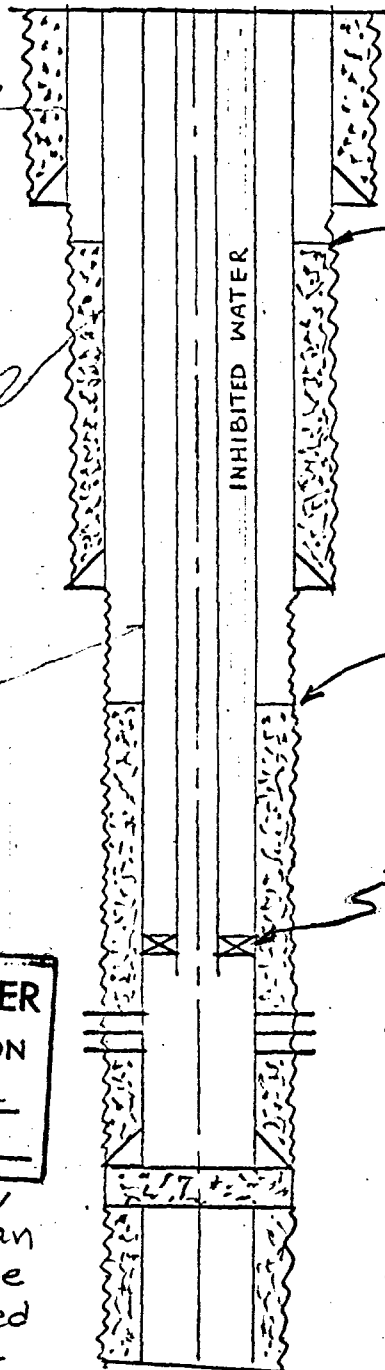


EXHIBIT 4 -J

INJECTION WELL COMPLETION DATA

ATLANTIC REFINING CO DICKINSON D #11

LOCATION: 1980 ft FNL, 2130ft FWL

SEC 35 T 14S R 37 E

Denton North Wolfcamp Unit

Lea Co., N.M.

13 3/8" 50 #/ft. Casing
@ 325 ft. cemented
with 400 sacks of
Neat Cement
Cement. Circulated

8 5/8" 32 #/ft. Casing
@ 4260 ft. Cemented
with 2100 sacks of
Neat Cement
cement top-Circulated

5 1/2" 17 #/ft. Casing
from 4477
to 9200
cemented with
800 sacks of
Neat Cement

cement Circulated

cement top-Circulated

top of Liner
@ 4477 ft

cement top-Circulated

2 3/8" Cement Lined tubing
@ 9150 ft

Tension Packer

Wolfcamp perforations
from 9200
to 9300 } overall
Open hole

Plug back TD 9300

Total Depth 9300

BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 4-J

CASE NO. 3340