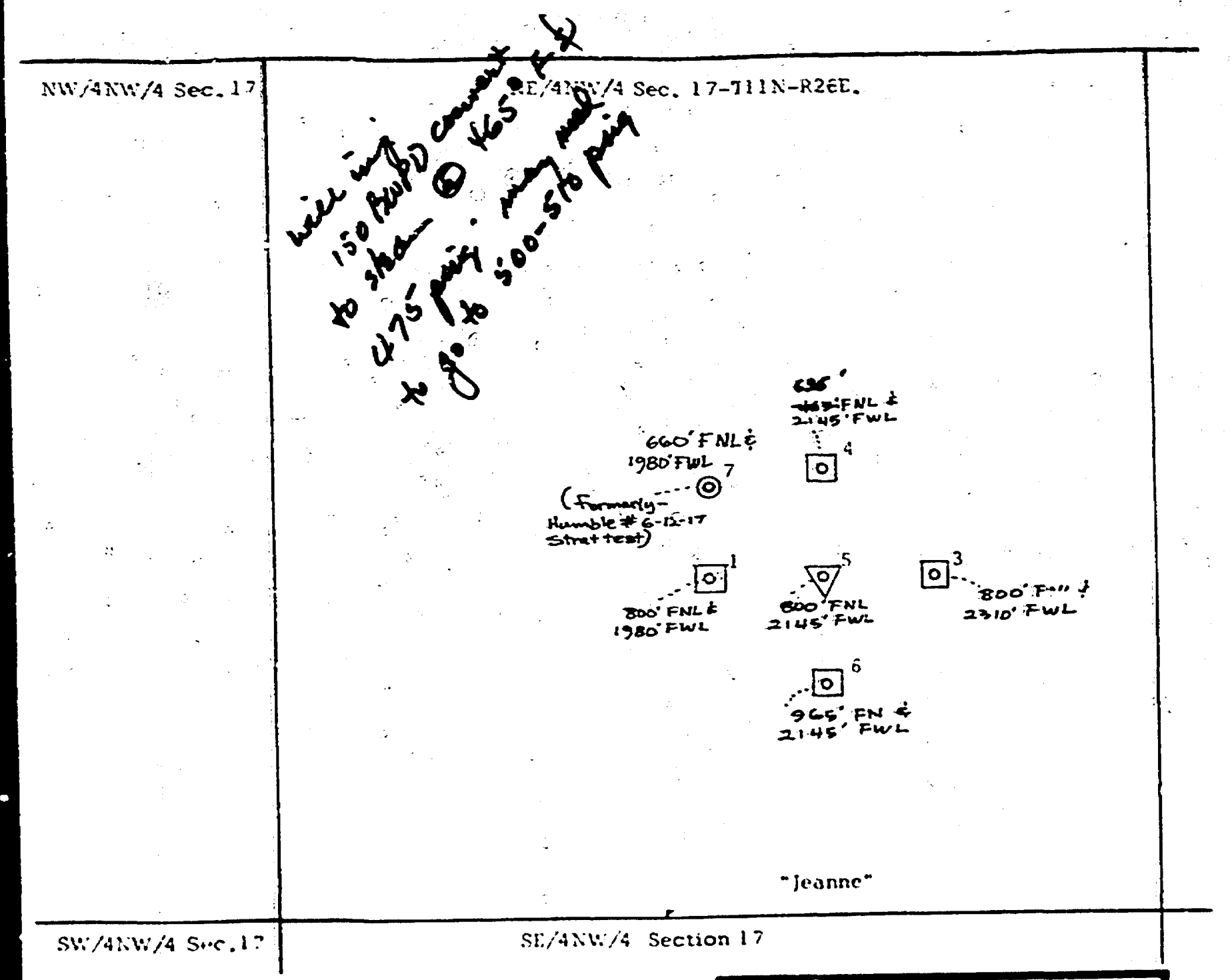
Case No.
7354

Large Exhibits


NW/4NW/4 Sec. 17
NE/4NW/4 Sec. 17-T11N-R26E.
SW/4NW/4 Sec. 17
SE/4NW/4 Section 17
"Jeanne"
635'
~~465'~~ FNL &
2145' FWL
4
660' FNL &
1980' FWL
7
(Formerly-
Humble # 6-12-17
Strat test)
1
800' FNL &
1980' FWL
5
800' FNL
2145' FWL
3
800' FNL &
2310' FWL
6
965' FN &
2145' FWL

will inj 150 BWPD convert to steam @ 465° F & 475 psig. may need to go to 500-510 psig

Corona Oil Co.

T-4 RANCH PILOT STEAM FLOOD

Guadalupe Co., New Mexico

Scale: 1 inch = 200 feet

Sept., 1981

0 — 00

Scale in Feet

Explanation

▽ Steam injection well

▣ Producing wells

◎ Water Supply well

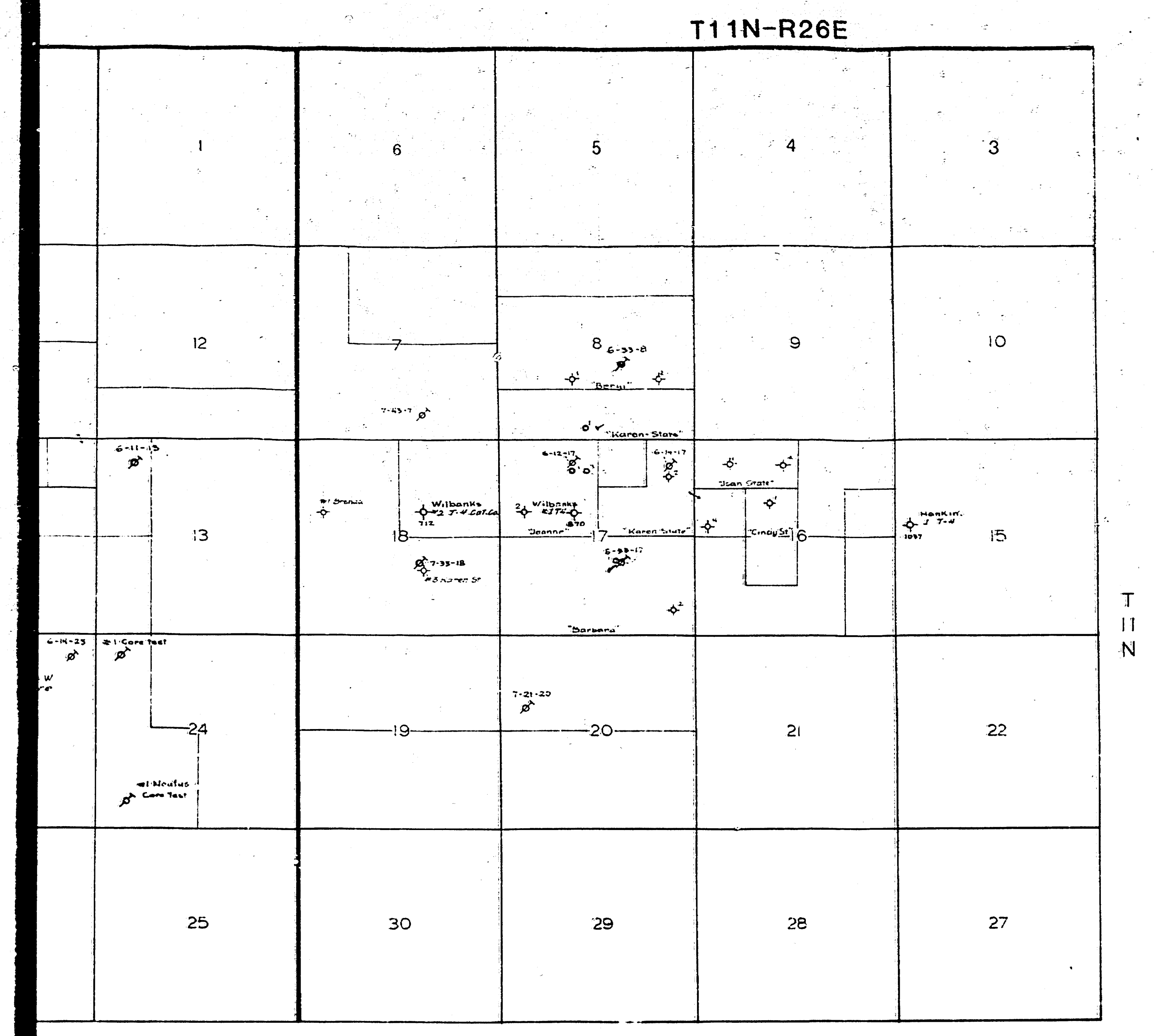
BEFORE EXAMINER NUTTER

OIL CONSERVATION DIVISION

Corona EXHIBIT NO. 4

CASE NO. 7354

#1 & 3 Loc already been drld & cased

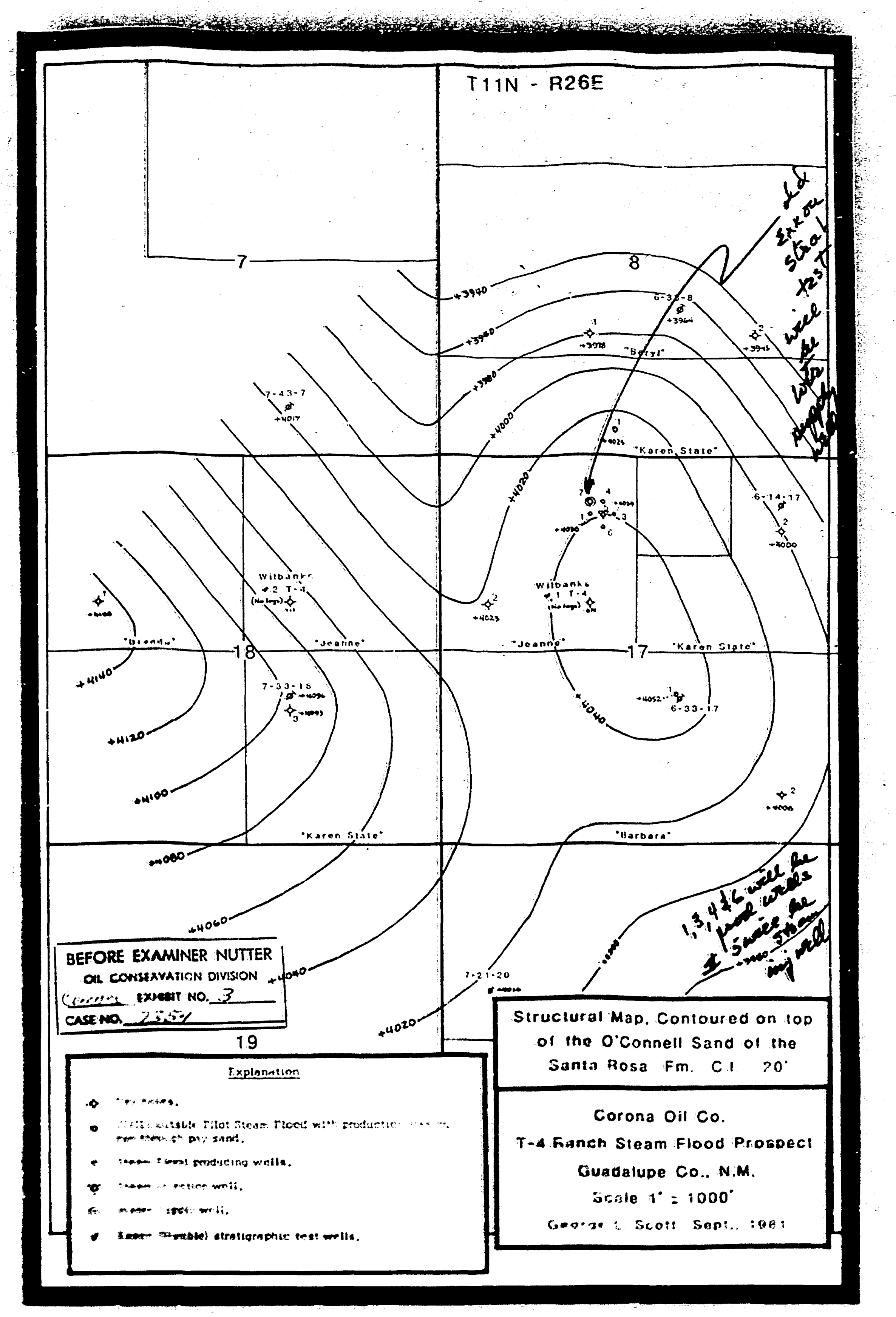

T11N-R26E
1
6
5
4
3
12
7
8
6-33-8
"Beryl"
9
10
7-43-7
"Karen-State"
6-11-13
6-12-17
6-14-17
"Jean State"
#1 Branch
Wilbanks
#2 T-4 Cat.Co.
712
2
Wilbanks
#3 T4
1870
13
18
"Jeanne"
17
"Karen State"
"Cindy St"
16
Hankins
3 T-4
1097
15
7-33-18
#3 Karen St
6-33-17
"Barbara"
T
11
N
6-14-23
#1 Core Test
7-21-20
24
19
20
21
22
#1 Neufus
Core Test
25
30
29
28
27

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Corona EXHIBIT NO. 2
CASE NO. 7254

Explanation

- ø Exxon Stratigraphic Test
- -◇- Dry hole P&A
- ● Well leased to [illegible] probable producer

Corona Oil Co.
T-4 Ranch Steam Flood Prospect
Guadalupe Co., N.M.
Scale 1" 2000'
George L. Scott Sept. 19[illegible]


T11N - R26E
7
8
18
17
19
+3940
+3960
+3980
+4000
+4020
+4040
+4060
+4080
+4100
+4120
+4140
7-43-7
+4017
6-33-8
+3964
1
+3978
"Beryl"
2
+3945
1
+4025
"Karen State"
6-14-17
2
+4000
7
4
+4039
1
3
+4030
6
Wilbanks
#2 T-4
(No logs)
Wilbanks
#1 T-4
(No logs)
2
+4023
1
"Brenda"
"Jeanne"
"Jeanne"
"Karen State"
7-33-18
3
1
+4052
6-33-17
2
+4006
"Karen State"
"Barbara"
7-21-20

2d Exxon strat test well will be wtr supply [illegible]

1,3,4 & 6 will be prod wells & 5 will be steam inj well

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
Corona EXHIBIT NO. 3
CASE NO. 7354

Explanation

- ✧ Test holes.
- ○ [illegible] Pilot Steam Flood with production [illegible] through pay sand.
- ○ [illegible] producing wells.
- ✧ [illegible] injection well.
- ✧ [illegible] well.
- ø [illegible] stratigraphic test wells.

Structural Map, Contoured on top of the O'Connell Sand of the Santa Rosa Fm. C.I. 20'

Corona Oil Co.
T-4 Ranch Steam Flood Prospect
Guadalupe Co., N.M.
Scale 1" = 1000'
George L. Scott Sept., 1981

COMPENSATED NEUTRON LOG

CASED HOLE

Schlumberger

COUNTY GUADALUPE
FIELD WILDCAT
LOCATION
WELL JEANNE #1
COMPANY PUBLIC LANDS EXPLOR.

COMPANY PUBLIC LANDS EXPLORATION INCORPORATED
WELL JEANNE #1
FIELD WILDCAT
COUNTY GUADALUPE STATE NEW MEXICO

LOCATION 800' FNL & 1980' FWL

Other Services:

API SERIAL NO	SEC	TWP	RANGE
	17	11-N	26-E

Permanent Datum: G.L., Elev.: 4746
Log Measured From G.L. Ft. Above Perm. Datum
Drilling Measured From G.L.

Elev.: K.B.
D.F.
G.L. 4746

Date	10-22-80			
Run No.	ONE			
Depth—Driller	840			
Depth—Logger (Schl.)	823			
Btm. Log Interval	820			
Top Log Interval	SURF			
Type fluid in hole	KCL WATER			
Salinity ppm Na Cl.				
Density				
Fluid level	150			
Max. rec. temp., deg F.				
Operating rig time	2 HRS			
Truck no. / ID Truck no.	7741			
Location	HOBBS			
Recorded by	KANE			
Witnessed by	SCOTT/WAY			

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING & TUBING RECORD Size	Wgt.	Remarks	From	To
				8 5/8			SURF	25'
				4.5	11.6	K-55	SURF	842

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 5
CASE NO. 7254

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

Run No.	ONE			
Service Order No.	127849			
Fluid Level	150			
Salinity, PPM Cl.				
Speed FT/M	30			
EQUIPMENT DATA				
Neut. Panel	1066			
Neut. Cart.	2221			
Neut. Source	1302			
Neut. Calibrator	1296			
GR Cart.	1673			
Numerator Panel	887			
Tape Recorder (TTR)				
Depth Encoder (DRE)				
Pressure Wheel (CPW)	1880			
CALIBRATION DATA				
GR BKG. CPS	100			
GR Source CPS	340			
GR Sens. CAL	165			
GR T.C. CAL	4			
Short Spacing-Before Log	150			
Long Spacing-Before Log	340			
Short Spacing-After Log	150			
Long Spacing-After Log	340			
LOGGING DATA				
Matrix	LS-CH			
Porosity Scale Per 100 Div.	30 -10			
Hole Size Setting	8"			
GR Sens. Logged	165			
GR T.C. Logged	2			
Zero Div. Left	0			
GR Scale Per 100 Div.	150			

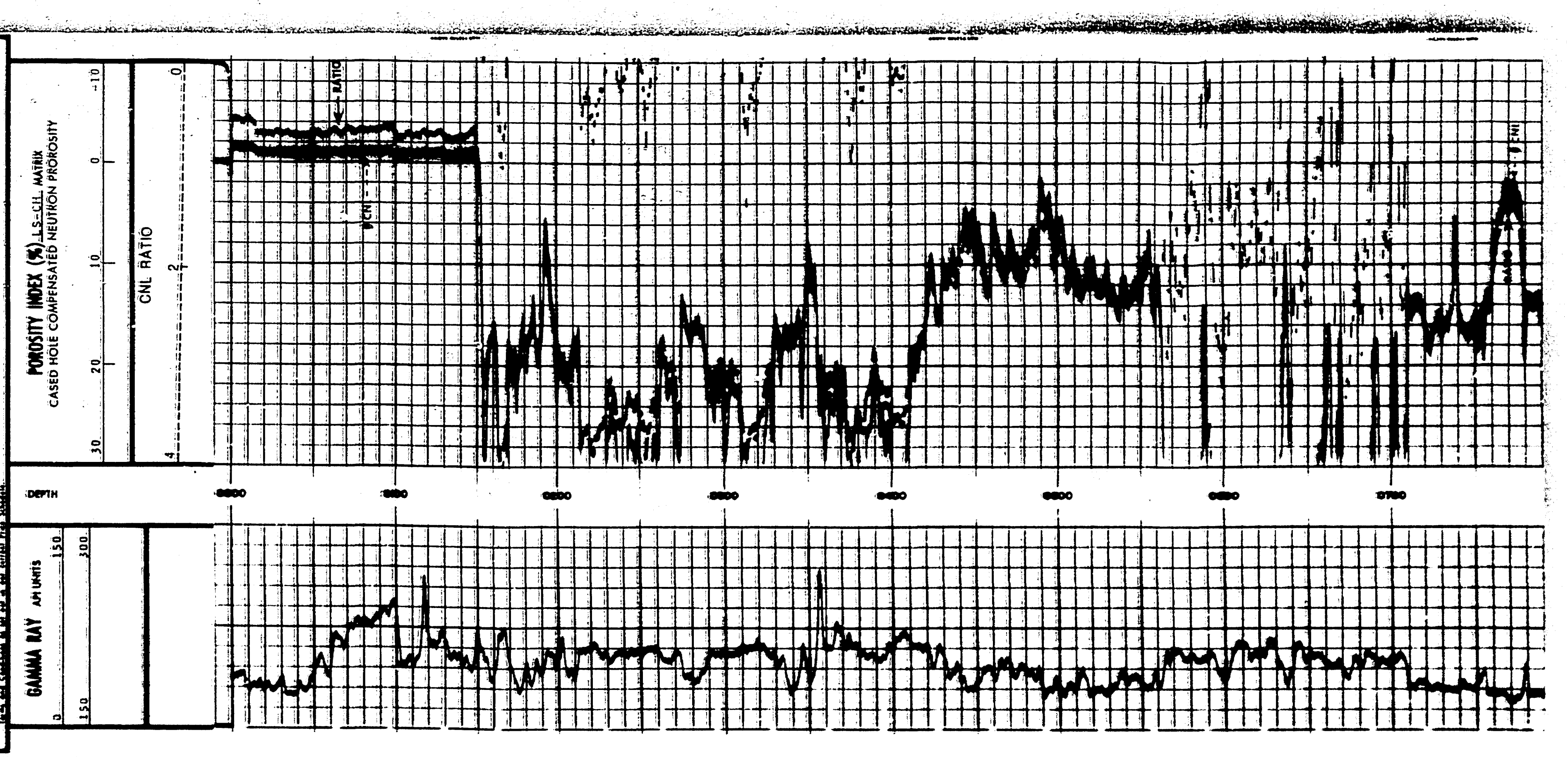
SCALE CHANGES

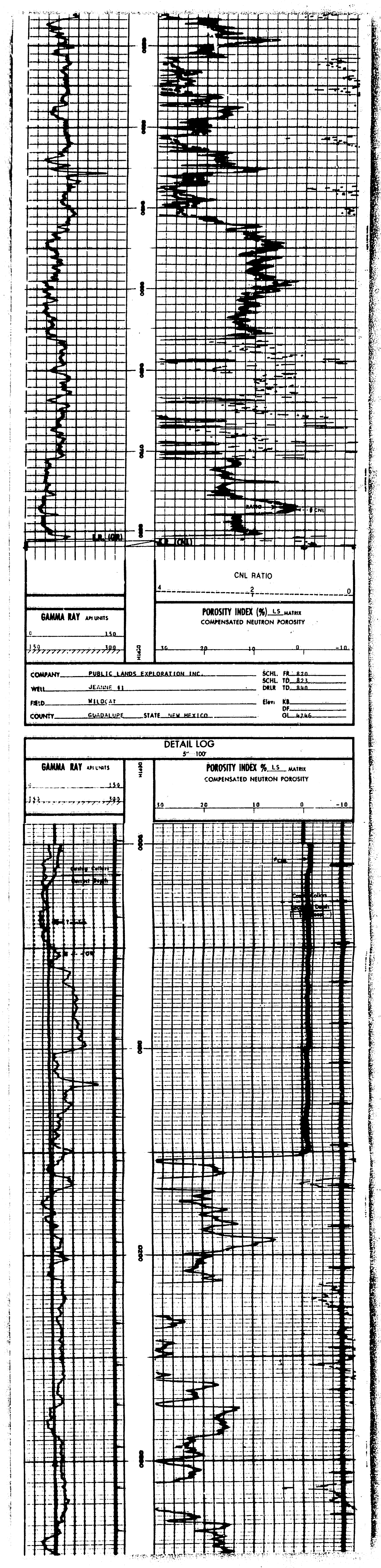
Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS

FLOAT COLLAR AT 831.93'.
SHOE @ 842.33'
GR CALS ON

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or wilful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.





CNL RATIO

4 2 0

GAMMA RAY API UNITS

0 150

150 300

DEPTH

POROSITY INDEX (%) LS MATRIX

COMPENSATED NEUTRON POROSITY

30 20 10 0 -10

COMPANY PUBLIC LANDS EXPLORATION INC.

WELL JEANNE #1

FIELD WILDCAT

COUNTY GUADALUPE STATE NEW MEXICO

SCHL. FR 820

SCHL. TD 823

DRLR TD 840

Elev: KB

DF

GL 4746

DETAIL LOG

5" 100'

GAMMA RAY API UNITS

0 150

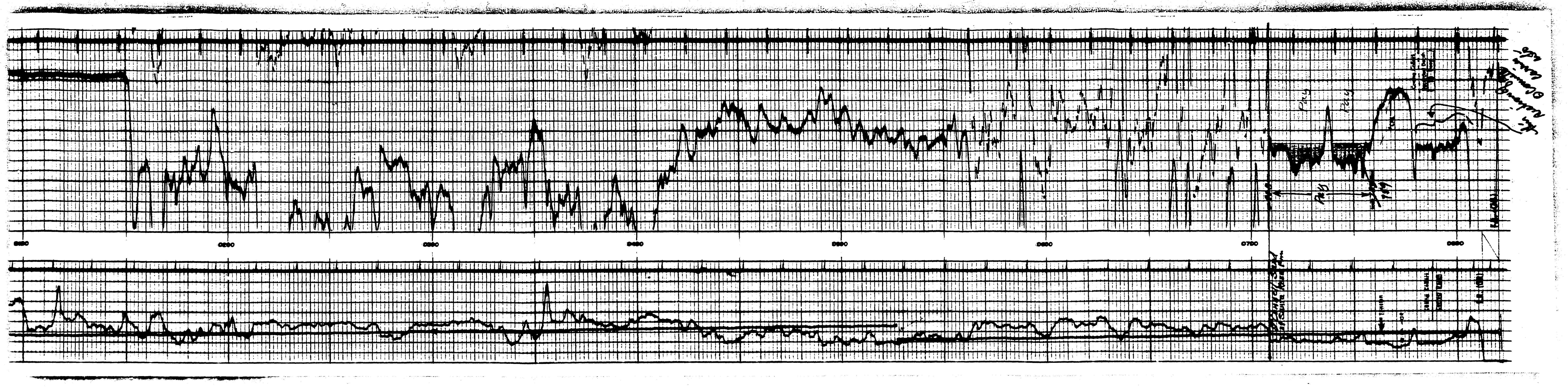
150 300

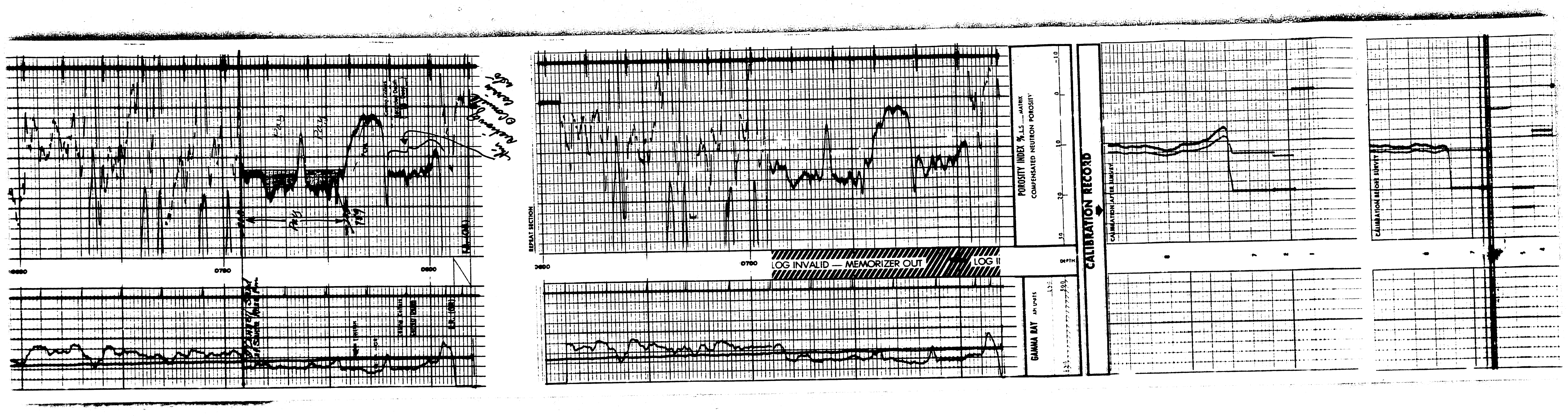
DEPTH

POROSITY INDEX % LS MATRIX

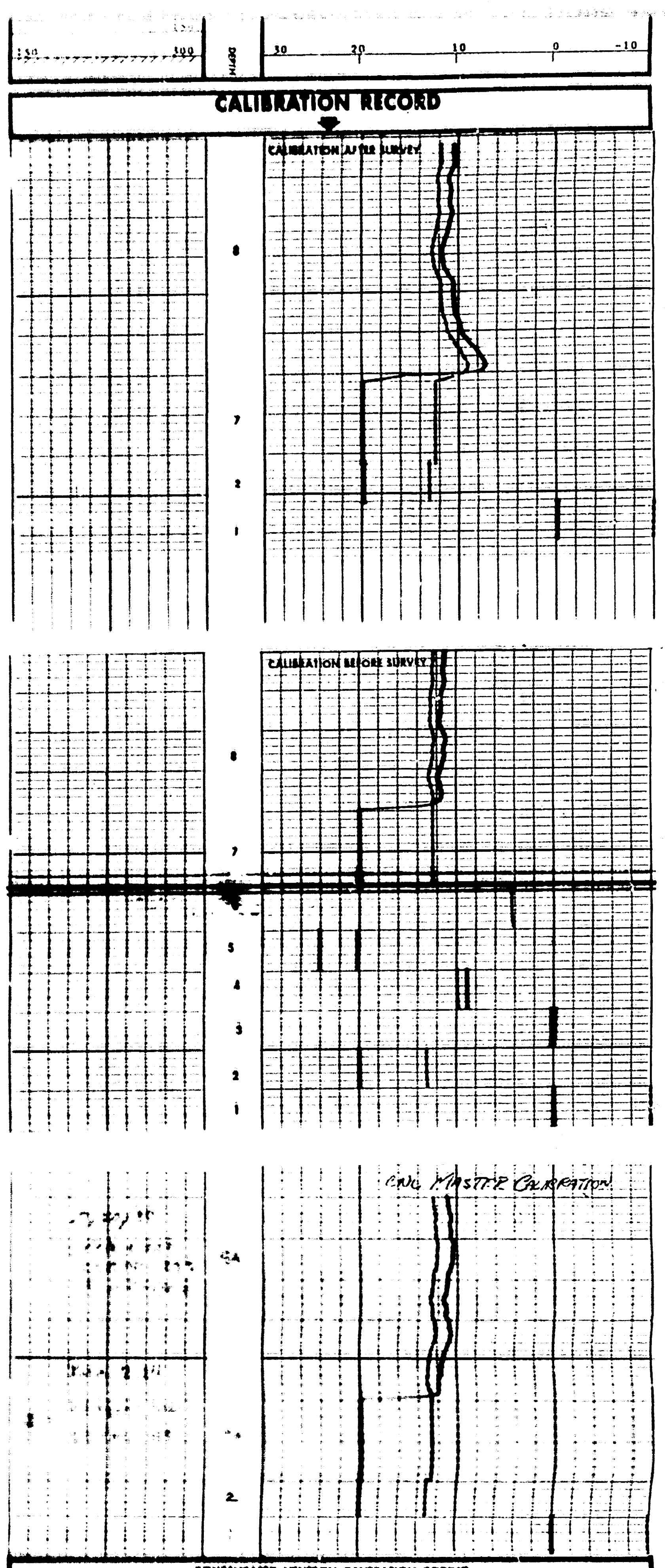
COMPENSATED NEUTRON POROSITY

30 20 10 0 -10


0700
0800


REPEAT SECTION
LOG INVALID — MEMORIZER OUT
LOG II
DEPTH
POROSITY INDEX % LS MATRIX
COMPENSATED NEUTRON POROSITY
-10
0
10
20
30
GAMMA RAY API UNITS
CALIBRATION RECORD
CALIBRATION AFTER SURVEY
CALIBRATION BEFORE SURVEY
0780
0800

CALIBRATION RECORD



COMPENSATED NEUTRON CALIBRATION CODING

1 MECHANICAL ZERO
2 RECORDED SENSITIVITY (THRU MEMORIZER IF USED)

	RATIO	OH POROSITY LS ☐	OH POROSITY SS ☐	OH POROSITY DOL ☐	CH POROSITY SS ☐	CH POROSITY LS ☒
3	1	1.4	4.9	-0.2	2.4	0.1
4	2	15.6	19.7	8.1	13.0	9.0
5	3	30.5	36.0	25.2	29.1	24.1
6	4	45.4	53.1	47.5	47.4	43.2

7 POROSITY NORMALIZED WITH CNB A IN PLACE
7A TOOL IN NCT 8
8 LOG POSITION WITH CNB A IN PLACE
8A LOG POSITION WITH TOOL IN NCT 8

OH LS	OH SS	OH DOL	CH SS	CH LS
18	22.2	10.4	15.2	11.2

RATIO (NORMALIZED) 2.17 RATIO (NCT-8) RATIO LOG

GAMMA RAY CALIBRATION CODING

1 MECHANICAL ZERO
2 ELECTRICAL ZERO
3 RECORDER SENSITIVITY
4 MEMORIZER ADJUSTMENT
5 BACKGROUND
6 CALIBRATE - SOURCE IN PLACE

CALIBRATION RECORD

COMPANY PUBLIC LANDS EXPLORATION INC.
WELL JEANNE #1
FIELD WILDCAT
COUNTY GUADALUPE STATE NEW MEXICO
SCHL. FR 820
SCHL. TD 823
DRLR TD 840
Elev: KB
DF
GL 4746