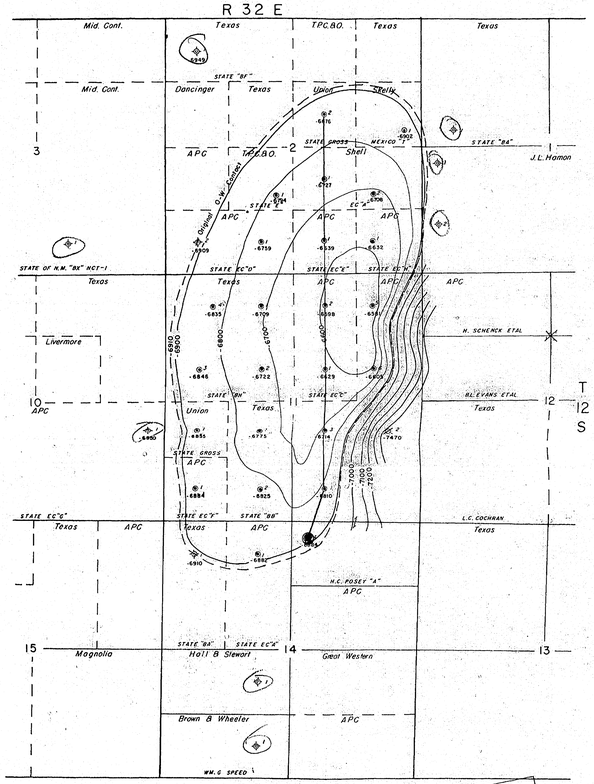
Case No.

1432

Large Exhibits



STRUCTURE MAP
EAST CAPROCK POOL
Lea County, N. Mex.

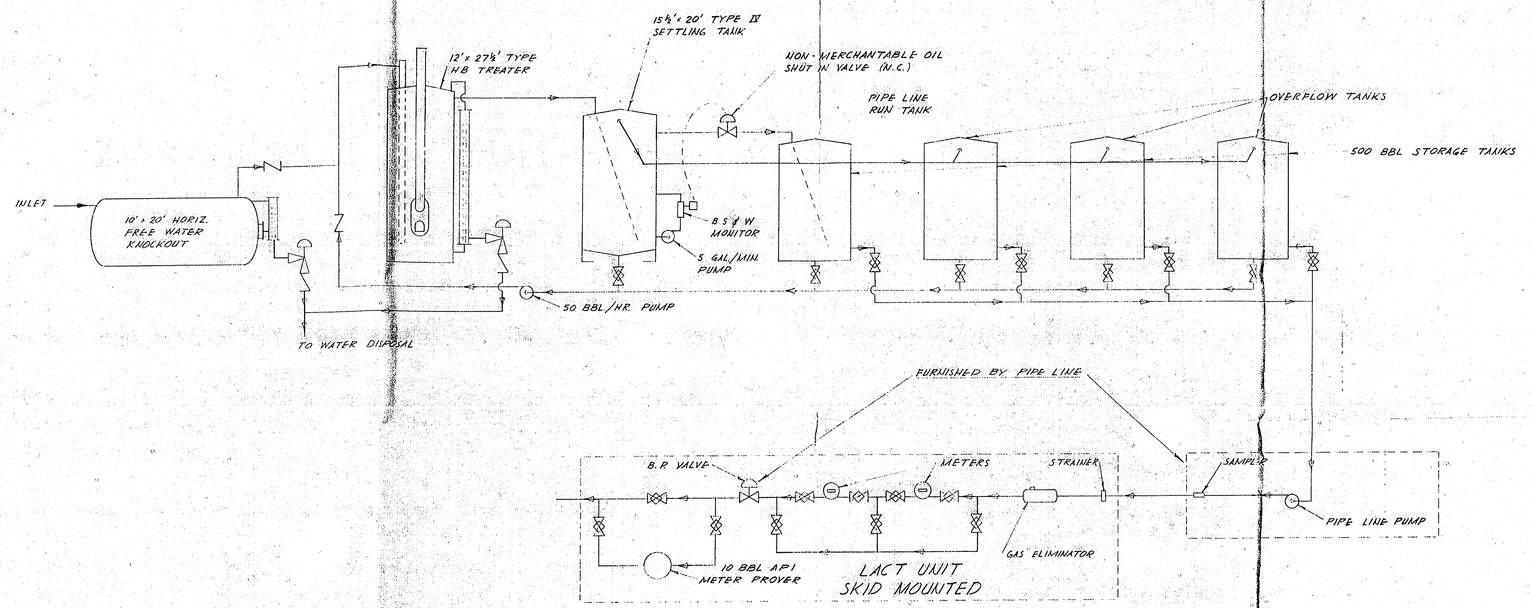
Structural Contours On
Top Of Devonian

Scale: 1"=1000'
Contour Interval = 100'

Exhibit No. 2

BEFORE EXAM... OIL CONSERVATION C... CASE NO. 1432 EXHIBIT NO. 2

III



PRINTED MAY 23 1958

FLOW DIAGRAM OF AUTOMATIC CUSTODY TRANSFER SYSTEM W/PD METERS & METER PROVER

NATIONAL TANK COMPANY TULSA, OKLAHOMA U.S.A.

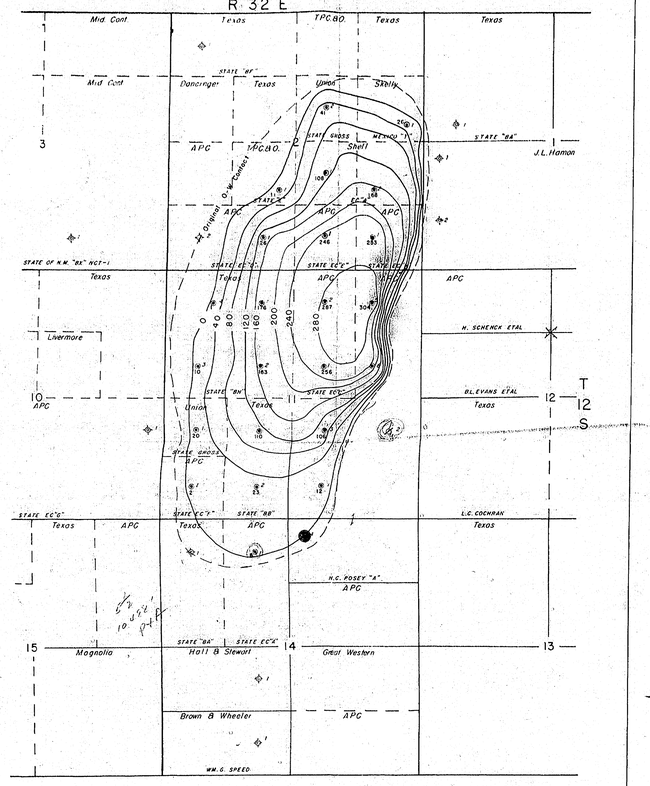
NO.	DATE	MADE BY	CHK'D BY	DESCRIPTION
				REVISIONS

DRAWN BY GUINN	DATE 5-22-58
SCALE NONE	CHECKED
APPROVED	
CUSTOMER GRAVEDGE	
SHOP ORDER NO.	

DRAWING FILE NO. A-10470

REVISION NO. 1

NO. REFERENCE DRAWINGS



EAST CAPROCK POOL
Lea County, N. Mex.

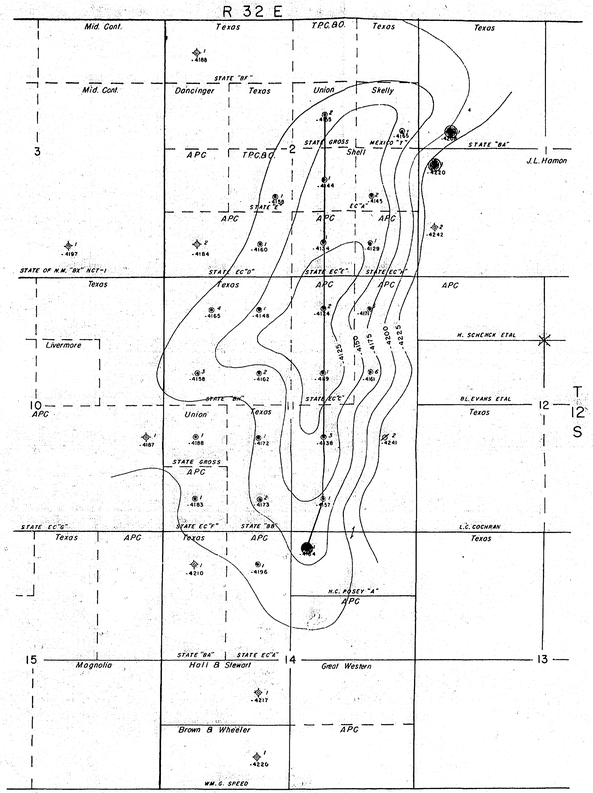
ISOPACH MAP OF
GROSS PAY

Contour Interval = 40'

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Amerada EXHIBIT NO. 3
CASE NO. 1452

Scale: 1"=1000'

Exhibit No. 3



EAST CAPROCK POOL
Lea County, N. Mex.

Structural Contours On
Pennsylvanian Axx Marker

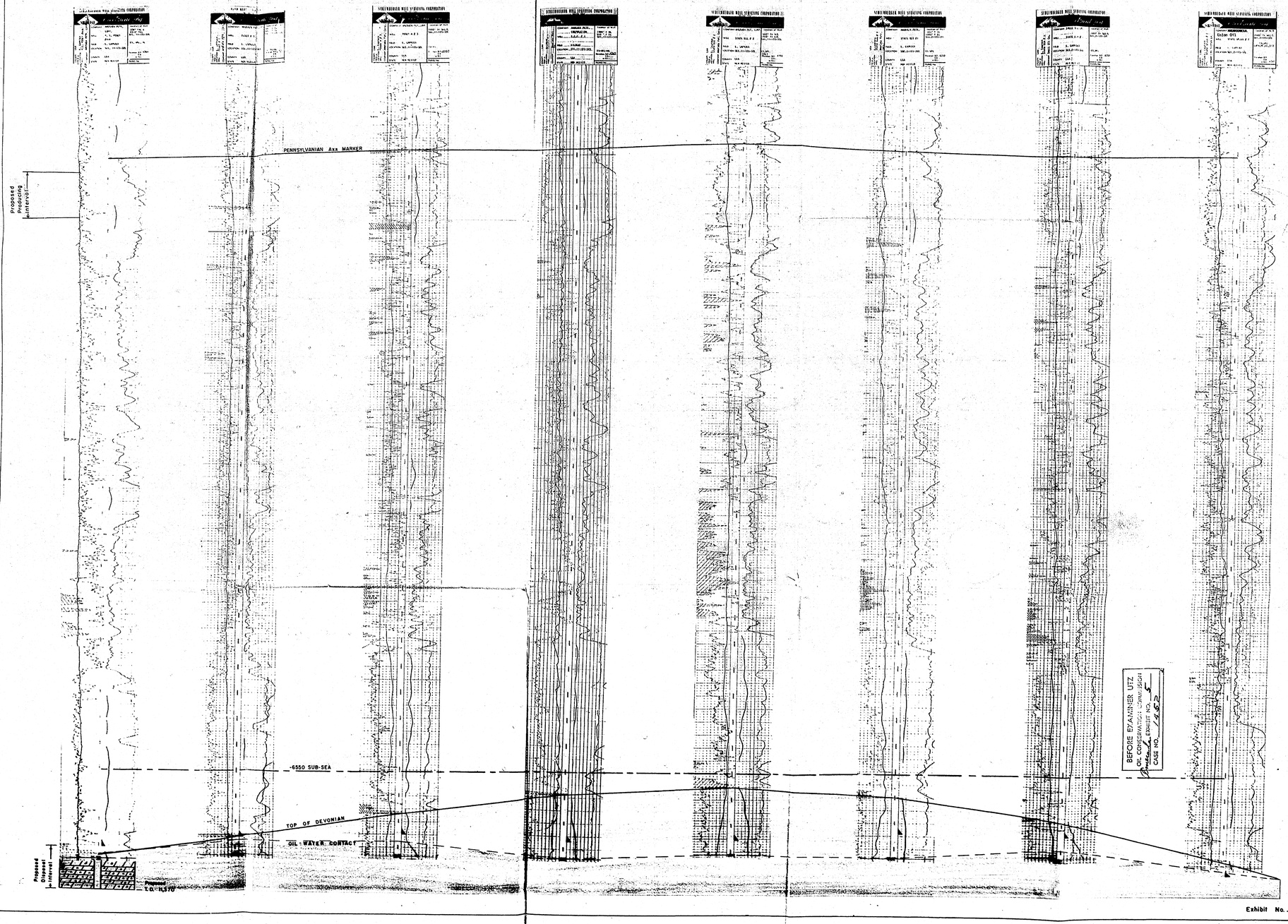
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Amerada EXHIBIT NO. 4
CASE NO. 1452

Scale: 1"=1000'
Contour Interval = 25'

Exhibit No. 4

NORTH-SOUTH ELECTRIC LOG CROSS-SECTION

EAST CAPROCK FIELD



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5
CASE NO. 4582

Exhibit No. 5

SCHLUMBERGER WELL SURVEYING CORPORATION
HOUSTON, TEXAS

Electrical Log

COMPANY AMERADA PETR. CORP.
WELL H. C. POSEY #4-A
FIELD E. CAPROCK
LOCATION SEC. 14-12S-32E
COUNTY LEA
STATE NEW MEXICO

Location of Well: 330' FNL & 2310' FEL SEC. 14-12S-32E Existing
Elevation D.F. 4354 K.B. G.L.
FILING No.

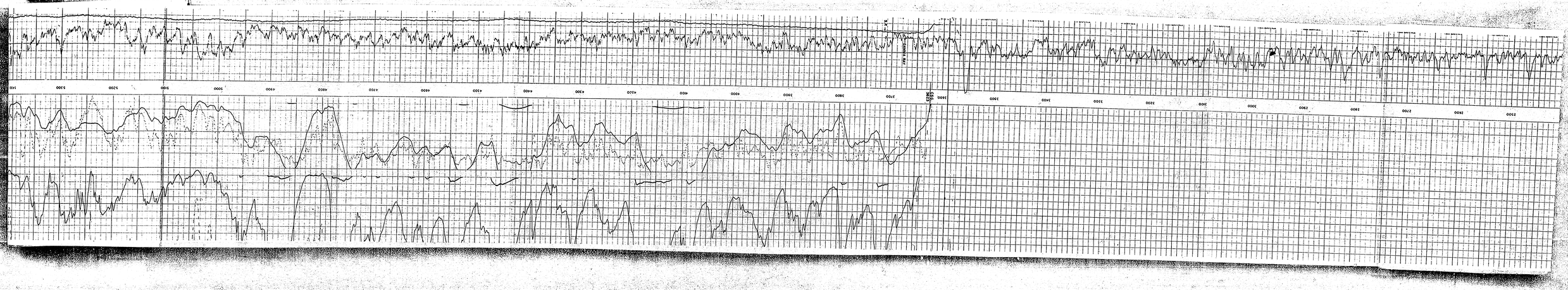
COUNTY LEA
FIELD E. CAPROCK
LOCATION SEC. 14-12S-32E
COMPANY AMERADA PETR. CORP.

RUN No.	One			
Date	6-16-53			
First Reading	11299			
Last Reading	7453			
Feet Measured	3846			
Csg. Schlum.	7453			
Csg. Driller	7453			
Depth Reached	11315			
Bottom Driller	11315			
Depth Datum	KB 12.02 ABV GL			
Mud Type	ZEOGEL - BARCO			
Mud Density	9.6			
Mud Viscosity	70			
Mud pH	10.4			
Fluid Loss	8.6 cc/30 min	cc/30 min	cc/30 min	cc/30 min
Mud Resistivity	.05 @ 150° F	@ °F	@ °F	@ °F
Mud Cake	6 @ "	@ "	@ "	@ "
Mud Viscosity	42 cc/30 min	cc/30 min	cc/30 min	cc/30 min
Max. Temp. °F	150			
Bit Size	7 7/8"			
Type Fluid in Hole	OIL			
Rec.	96° LS			
Rec.	96° LS			
Operating Rig Time	1 DAY			
Truck No.	1-S-4405			
Recorded By	ABT			
Witnessed By	MR. HAN			

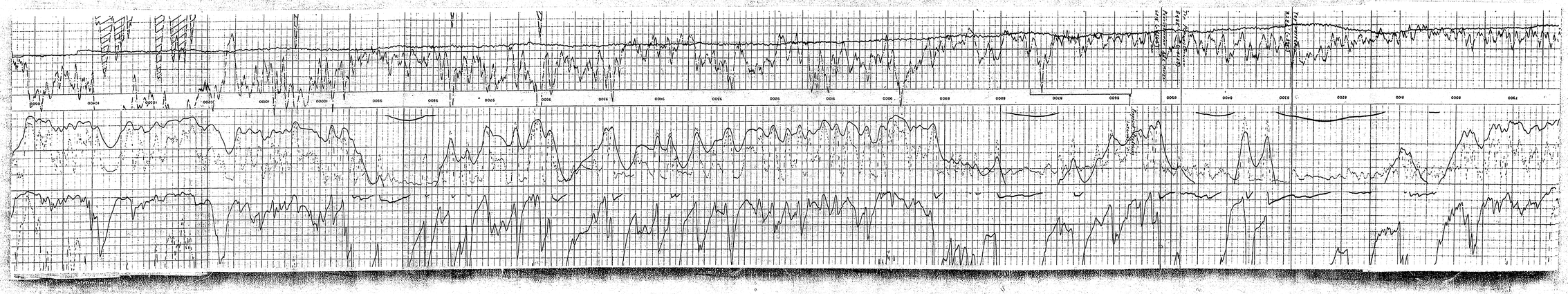
BEFORE ... AFTER CSG.
OIL
CASING
CASE NO.

REMARKS: SCHL. D.C. 11250' SERVICE CLEARED 3 D.C. LITHOLOGY BY PROBABILITY

RESISTIVITY ohms m²/m — 10" NORMAL: 0 — 25 — 0 — 250 — 0 — 10
RESISTIVITY ohms m²/m — 1" LATERAL: 0 — 20 — 200 — 2000
DEPTHS: 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400
SPONTANEOUS-POTENTIAL millivolts: 20 0 + −
RADIOACTIVITY INCREASES



5200 5300 5400 5500 5600 5700 5800 5900 6000 6100 6200 6300 6400 6500 6600 6700 6800 6900 7000 7100 7200 7300 7400 7500 7600 7700 7800 7900 8000 800



RESISTIVITY ohms m²/m — 18" LATERAL — 20 — 200 — 2000

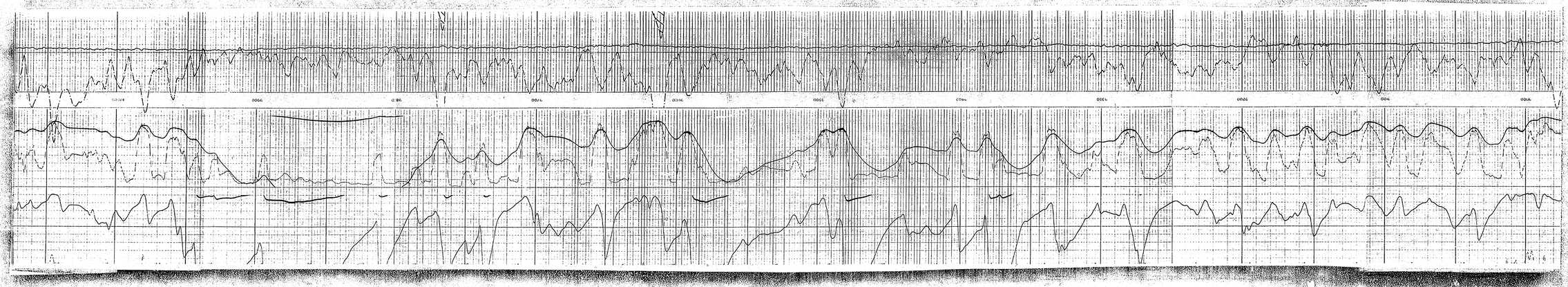
RESISTIVITY ohms m²/m — 10" NORMAL — 25 — 0 — 250 — 0 — 32" LS — 10 — 0

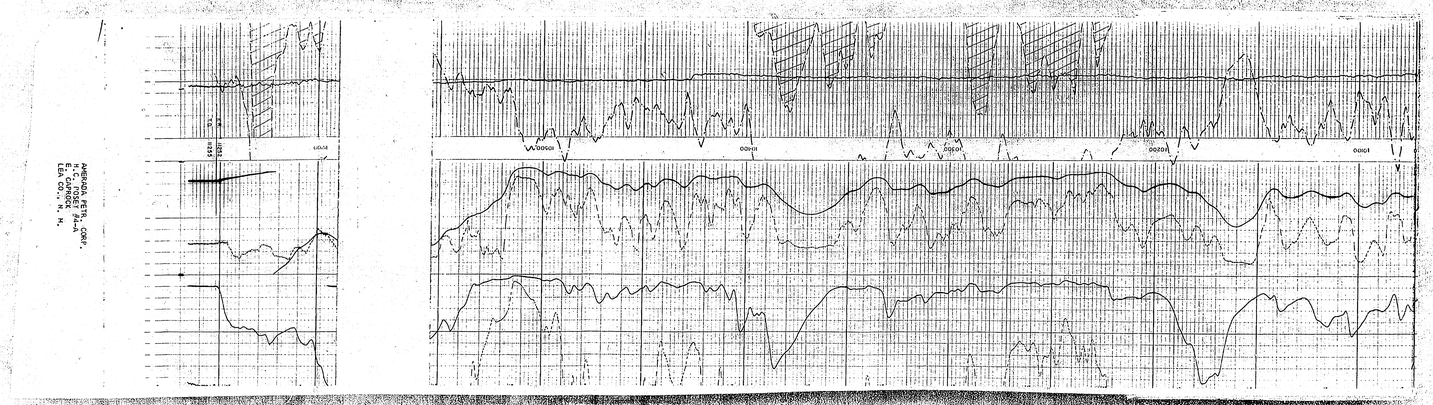
DEPTHS — 5"/100

SPONTANEOUS-POTENTIAL millivolts — RADIOACTIVITY INCREASES

10600 10700 10800 10900 11000 11100 11200

8300 8400 8500 8600 8700 8800 8900




AMERADA PETR. CORP.
EL CAPIROCK
EDDY CO., N. M.