Case No.

248

Large Exhibits

# SCHLUMBERGER
## WELL SURVEYING CORPORATION

**Location of Well**

660' fr S/L
1980' fr E/L
SEC. 35 16S-38E

Ex E
Case 248

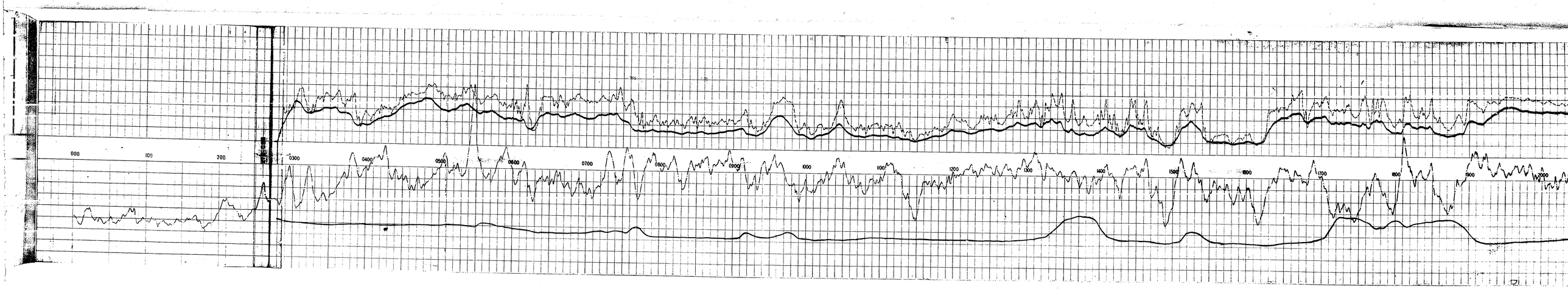
Elevation: D.F.:
K.B.:
or G.L.:

COMPANY: AMERADA PETROLEUM CORP.
WELL: ROSE EA'ES #1
FIELD: WILDCAT
LOCATION: SEC. 35 16S-38E
COUNTY: LEA
STATE: NEW MEXICO
FILING No.

COMPANY: AMERADA PETROLEUM CORP.
WELL: ROSE EA'ES #1
FIELD: WILDCAT
LOCATION:
COUNTY: LEA

| RUN NO. | I | | II | | | | | |
|---|---|---|---|---|---|---|---|---|
| Date | 6-26-48 | | 10-29-48 | | | | | |
| First Reading | 4802 | 4802 | 12562 | 12562 | | | | |
| Last Reading | 279 | 0 | 4804 | 4804 | | | | |
| Footage Measured | 4523 | 4802 | 7758 | 7758 | | | | |
| Csg Shoe Schlum. | 279 | | 4804 | | | | | |
| Csg Shoe Driller | 280 | | 4804 | | | | | |
| Max. Depth Reached | 4805 | | 12565 | | | | | |
| Bottom Driller | 4806 | | 12575 | | | | | |
| Depth Datum | 1' above RT | | 1' above RT or 12' abv. Ground | | | | | |
| Mud Nature | Zeogel | | Caustic Quebr. | | | | | |
| " Density | 10.6 | | 9.2 | | | | | |
| " Viscosity | 35 | | 65 | | | | | |
| " Resistivity | Salt @ 81° F | | 1.45 @ 62 °F | | @ °F | @ °F | @ °F | |
| " Resistivity BHT | @ °F | | .6 @ 220°F | | @ °F | @ °F | @ °F | |
| " pH | @ °F | | 9.8 @ °F | | @ °F | @ °F | @ °F | |
| " Water Loss | 18 CC/30 Min | | 14.6 CC/30 Min. | | CC/30 Min. | CC/30 Min. | CC/30 Min. | |
| Maximum Temp. °F. | 140 | | 220 | | | | | |
| Bit Size | 13 3/4" | | 9 1/4" | | | | | |
| Spacings — AM. | 10" | | 10" | | | | | |
| A | | | | | | | | |
| AO | 32" | | 32" | | | | | |
| E.S. Rig Time | 48 hours | | 13 hours | | | | | |
| Truck No. | 277 | | 279 | | | | | |
| Recorded By | Cargill | | Scott | | | | | |
| Witnessed By | | | | | | | | |

275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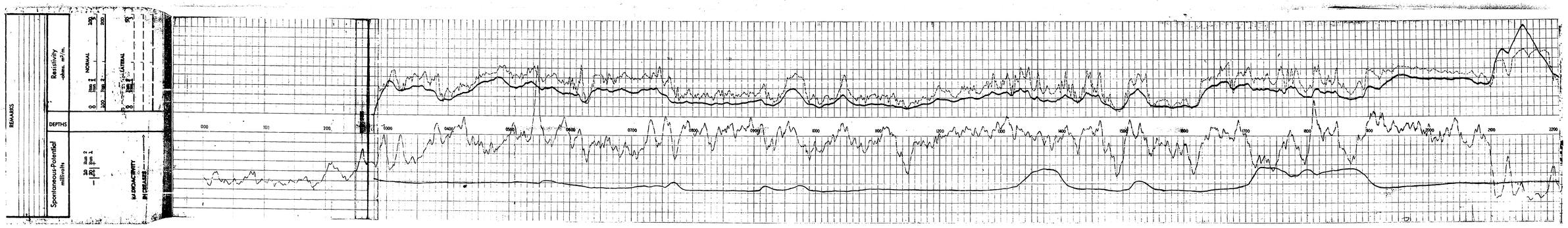
REMARKS
Resistivity
ohms m²/m.
NORMAL
Run 1
Run 2
LATERAL
DEPTHS
Spontaneous-Potential
millivolts
Run 2
Run 1
INCREASING
IN PERMEABILITY
0000
0100
0200
0300
0400
0500
0600
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0900
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1100
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1600
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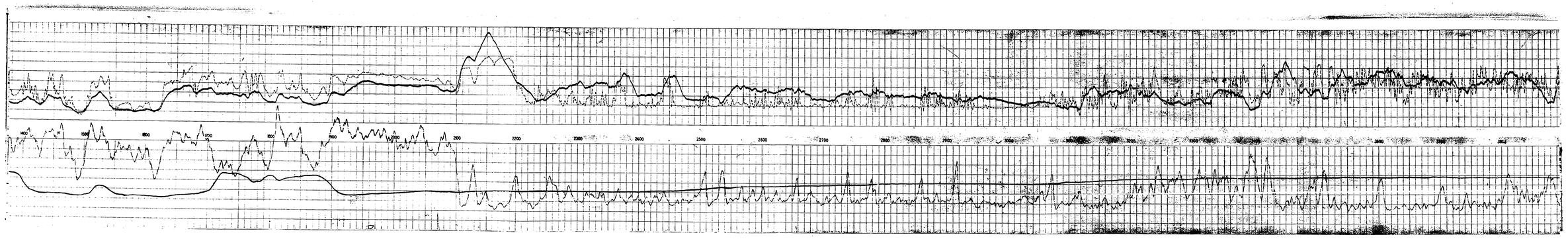
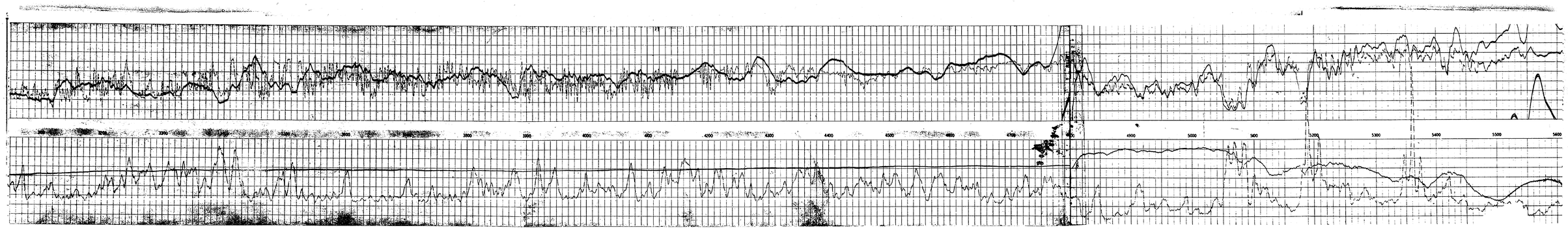
1900
2000
2100
2200

276

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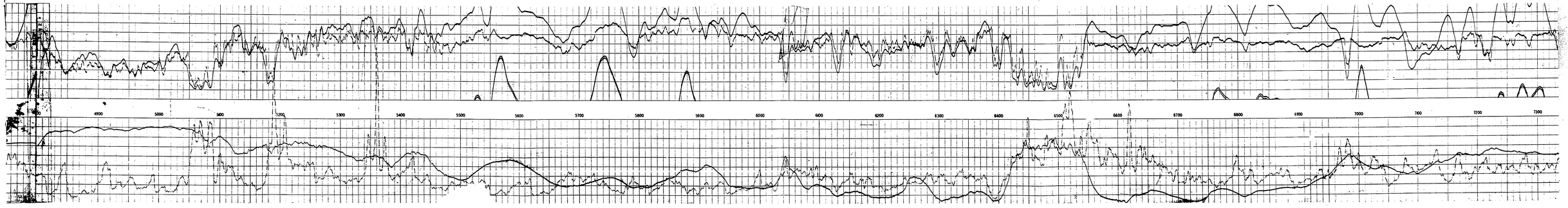
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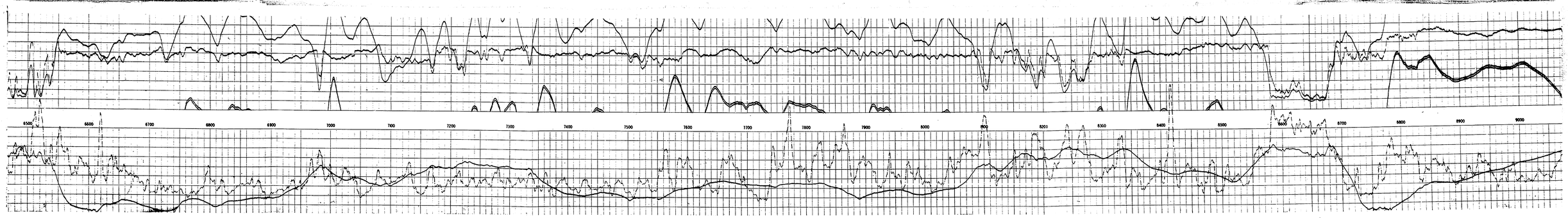
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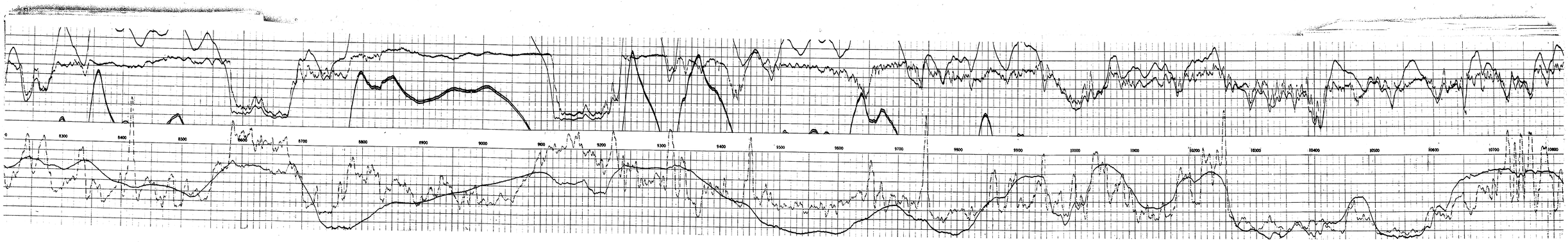
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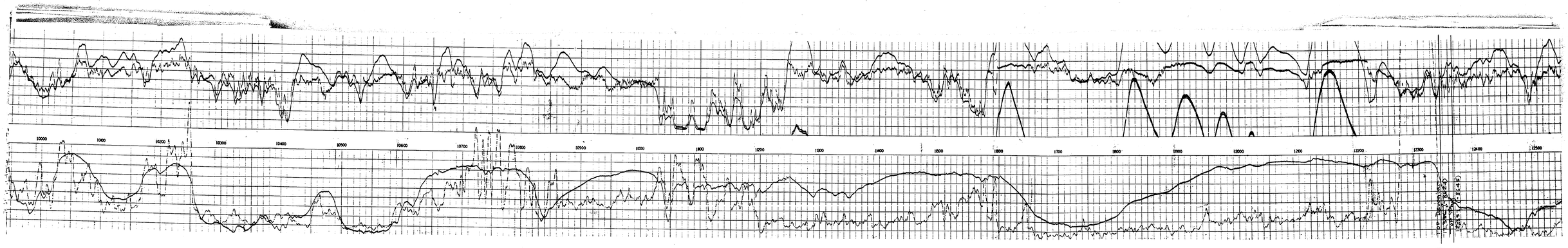
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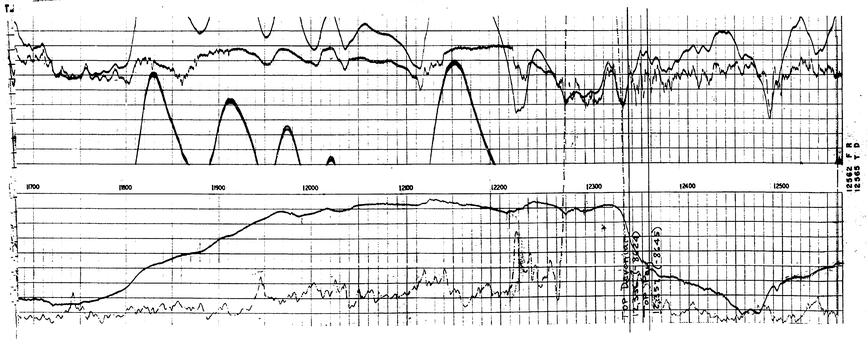
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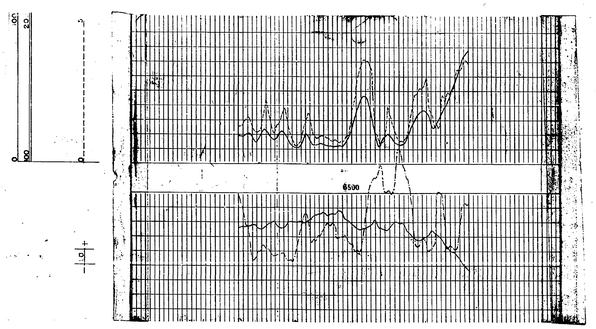
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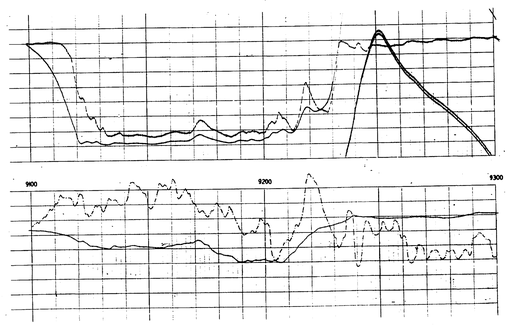
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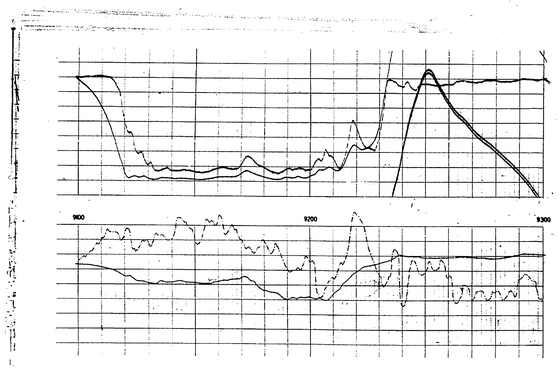
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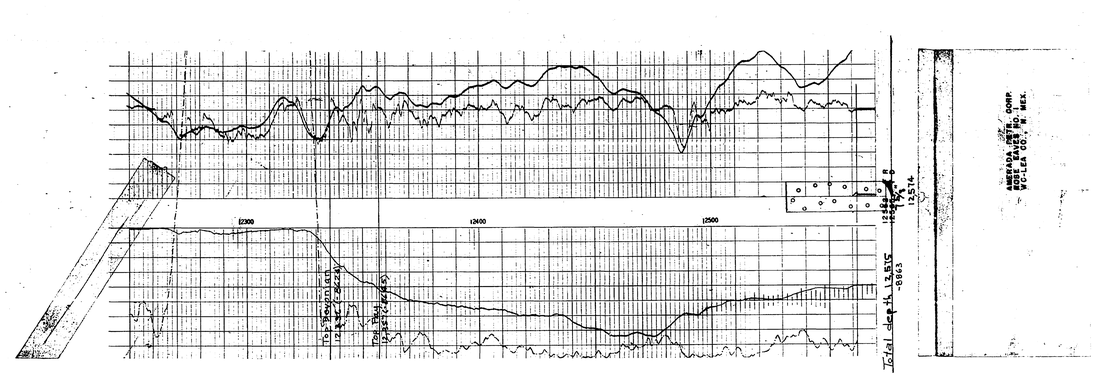
12300
12400
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Total dep th 12,515'
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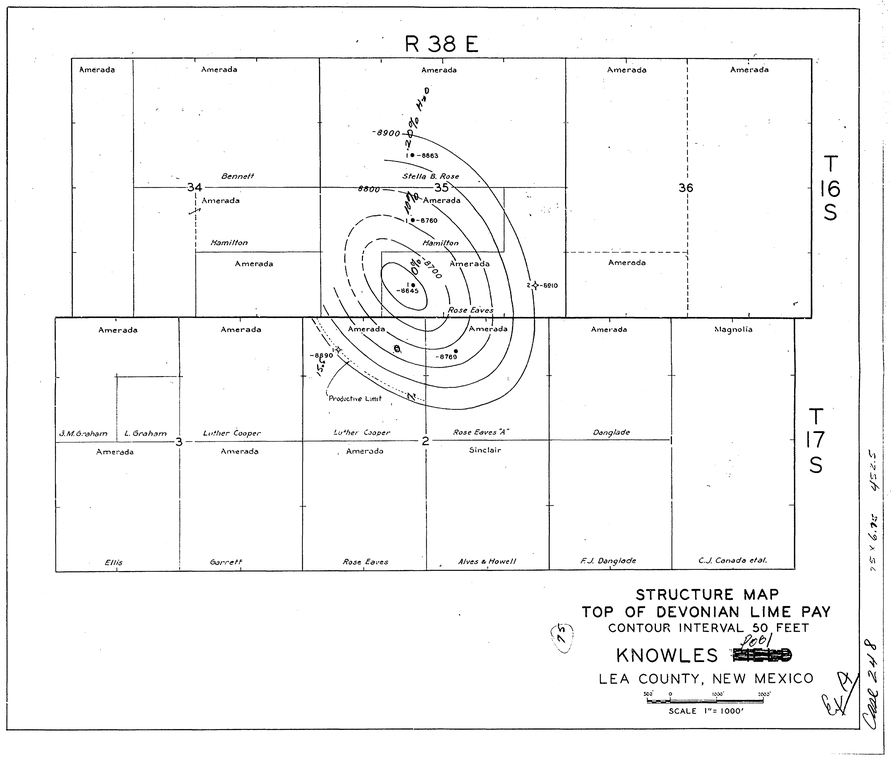
12,574
AMERADA PETR. CORP.
BRUNSON NO. 1
VC-LEA CO., N. MEX.


R 38 E
T 16 S
T 17 S
Amerada
Bennett
Stella B. Rose
Hamilton
Rose Eaves
Magnolia
J.M. Graham
L. Graham
Luther Cooper
Rose Eaves "A"
Danglade
Sinclair
Productive Limit
-8663
-8760
-8700
-8645
-8890
-8765
-9010
34
35
36
3
2
Ellis
Garrett
Rose Eaves
Alves & Howell
F.J. Danglade
C.J. Canada etal.
STRUCTURE MAP
TOP OF DEVONIAN LIME PAY
CONTOUR INTERVAL 50 FEET
KNOWLES
LEA COUNTY, NEW MEXICO
SCALE 1"= 1000'

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