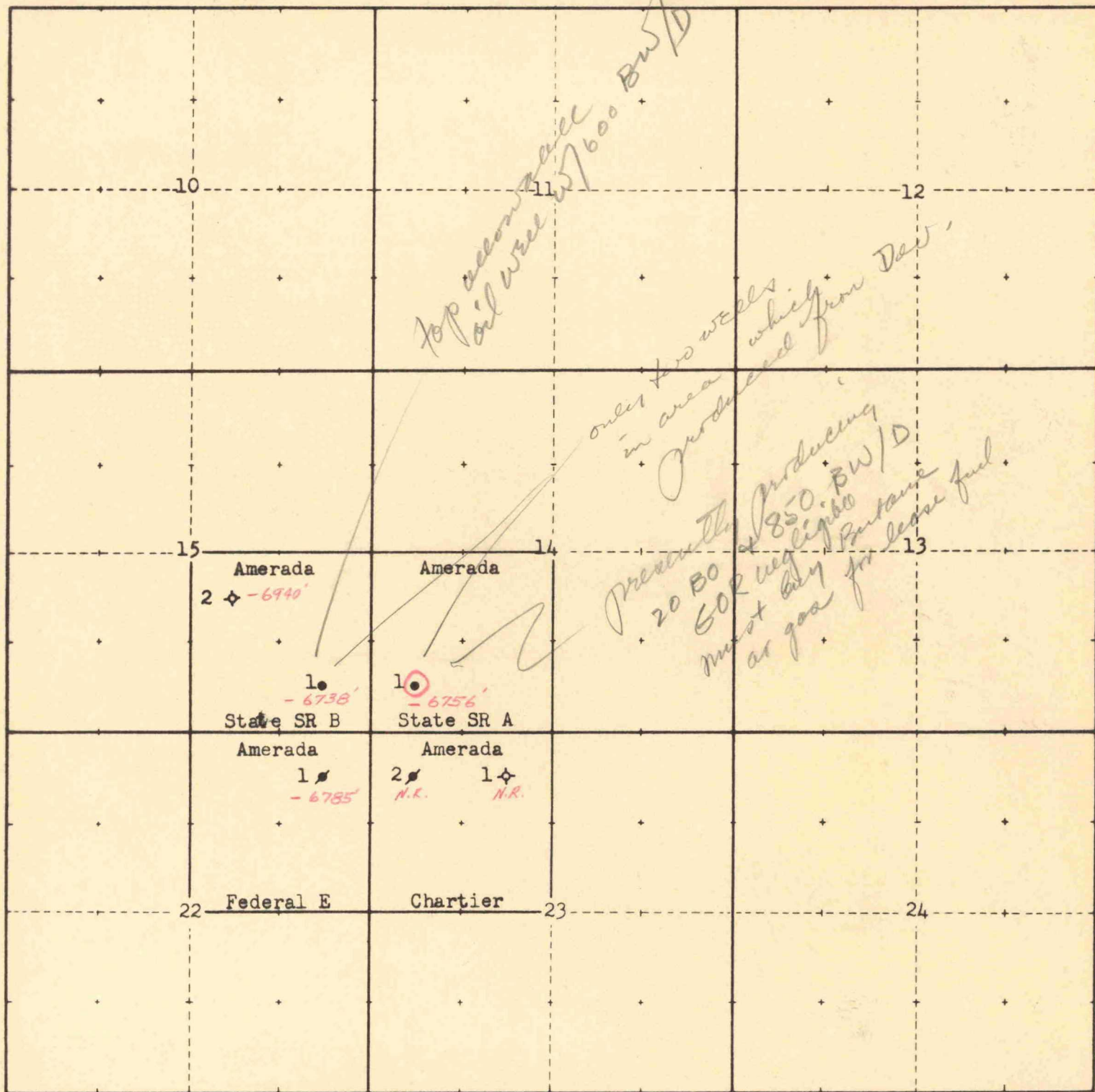


R 32 E



T  
9  
S

AMERADA P-480

AMERADA PETROLEUM CORP

1 INCH = 2000 FT.

Subsea Tops on Devonian

BEFORE EXAMINER NUTTER  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 1989  
 CASE NO. 6861

FIELD South Roberts Ranch  
 STATE New Mexico  
 COUNTY Lea

AMERADA PETROLEUM CORPORATION

State SR "A" No. 1  
South Roberts Ranch Field  
SW SW Section 14 - T9S - R32E  
Lea County, New Mexico

13 5/8" Casing set at 340'  
Cemented with 250 sacks  
Cement did not circulate

8 5/8" Casing set at 3533'  
Cemented with 1500 sacks  
Cement top at 684'

*Cut to  
7927*

|                             |                      |
|-----------------------------|----------------------|
| BEFORE EXAMINER NUTTER      |                      |
| OIL CONSERVATION COMMISSION |                      |
| <i>Appl.</i>                | EXHIBIT NO. <i>3</i> |
| CASE NO.                    | <i>1989</i>          |

5 1/2" Casing set at 11,177'  
Cemented with 900 sacks  
Cement top at 7927'

*may vol to be  
injected - 1000 B/D  
from west offset.*

*will fill  
annular w/oil*

2 3/8" Internal plastic  
coated tubing. Set at  
8000'.

*Log @ 8000*

*60,000 ppm solids  
in disposal water  
w/ some H<sub>2</sub>S.  
Plastic coating  
fracturing + oil  
blanket should  
protect against  
corrosion.*

Devonian  
Perfs. 11,103' to 11,130'

TO 11,177'

ILLEGIBLE

10 11 12

15 14 13

Amerada Amerada

2 ✦ 1 ●

State SR B State SR A

Amerada Amerada

1 ✦ 2 ✦ 1 ✦

22 Federal E 23 Chartier 24

1 INCH = 2000 FT.

FIELD South Roberts Ranch  
STATE New Mexico  
COUNTY Lea

Exhibit A

AMERADA PETROLEUM CORPORATION

State SR "A" No. 1  
South Roberts Ranch Field  
SW SW Section 14 - T9S - R32E  
Lea County, New Mexico

13 5/8" Casing set at 340'  
Cemented with 250 sacks  
Cement did not circulate

8 5/8" Casing set at 3533'  
Cemented with 1500 sacks  
Cement top at 684'

2 3/8" Internal plastic  
coated tubing. Set at  
8000'.

5 1/2" Casing set at 11,177'  
Cemented with 900 sacks  
Cement top at 7927'

Devonian  
Perfs. 11,103' to 11,130'

TD 11,177'

Exhibit B

ILLEGIBLE

Case No.

1989

Large Exhibits



# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



## Electrical Log

|                                                                                                                                |                                    |                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------|
| COUNTY <u>Lea</u><br>FIELD or<br>LOCATION <u>Wildcat</u><br>WELL <u>State SR "A" # 1</u><br>COMPANY <u>Amerada Petr. Corp.</u> | COMPANY <u>AMERADA PETR. CORP.</u> | Location of Well<br><u>660' f S8W/L</u><br><u>Sec. 14-9S-32E</u> |
|                                                                                                                                | WELL <u>STATE SR "A" # 1</u>       | ENG'R DEPT.<br>FILE COPY<br>ES-GRL<br>(ML)                       |
|                                                                                                                                | FIELD <u>WILDCAT</u>               |                                                                  |
|                                                                                                                                | LOCATION <u>SEC. 14-9S-32E</u>     |                                                                  |
|                                                                                                                                | COUNTY <u>LEA</u>                  | Elevation: D.F.: <u>4346</u><br>o.t.m. K.B.:<br>or G.L.:         |
| STATE <u>NEW MEXICO</u>                                                                                                        | FILING No. _____                   |                                                                  |

| RUN No.        | 1              | 2              |                                                                                                                                                                                                                                 |            |            |
|----------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| Date           | 1-25-55        | 5-1-55         |                                                                                                                                                                                                                                 |            |            |
| First Reading  | 3531           | 11174          |                                                                                                                                                                                                                                 |            |            |
| Last Reading   | 340            | 3533           | <div style="border: 1px solid black; padding: 5px;">                     BEFORE EXAMINER NUTTER<br/>                     OIL CONSERVATION COMMISSION<br/>                     Exp. EXHIBIT NO. <u>2</u><br/> <u>1989</u> </div> |            |            |
| Feet Measured  | 3191           | 7641           |                                                                                                                                                                                                                                 |            |            |
| Csg. Schlum.   | 340            | 3533           |                                                                                                                                                                                                                                 |            |            |
| Csg. Driller   | 342            | 3533           |                                                                                                                                                                                                                                 |            |            |
| Depth Reached  | 3534           | 11177          |                                                                                                                                                                                                                                 |            |            |
| Bottom Driller | 3533           | 11177          |                                                                                                                                                                                                                                 |            |            |
| Depth Datum    | KB 15.5'       | Abv. GL        |                                                                                                                                                                                                                                 |            |            |
| Mud Nat.       | Salt Gel       | MyLoGel        | Clay-Oil                                                                                                                                                                                                                        |            |            |
| " Density      | 10.9           | 9.9            |                                                                                                                                                                                                                                 |            |            |
| " Viscosity    | 42             | 70             |                                                                                                                                                                                                                                 |            |            |
| " Resist.      | .06 @ 60°F     | .1 @ 82°F      | @ °F                                                                                                                                                                                                                            | @ °F       | @ °F       |
| " Res. BHT     | .04 @ 100°F    | .05 @ 160°F    | @ °F                                                                                                                                                                                                                            | @ °F       | @ °F       |
| " pH           | — @ °F         | — @ °F         | @ °F                                                                                                                                                                                                                            | @ °F       | @ °F       |
| " Wtr. Loss    | CC 30 min.     | 6.4 CC 30 min. | CC 30 min.                                                                                                                                                                                                                      | CC 30 min. | CC 30 min. |
| Max. Temp. °F  | 100            | 160            |                                                                                                                                                                                                                                 |            |            |
| Bit Size       | 12 1/2" - 1530 | 11" - 1D       | 7 7/8"                                                                                                                                                                                                                          |            |            |
| Spcgs.—AM      | 10"            | 10"            |                                                                                                                                                                                                                                 |            |            |
| AO'            | 32" LS         | 32" LS         |                                                                                                                                                                                                                                 |            |            |
| AO             | 19'            | 19'            |                                                                                                                                                                                                                                 |            |            |
| Opr. Rig Time  | 1 Hr.          | 2 Hrs.         |                                                                                                                                                                                                                                 |            |            |
| Truck No.      | 1758-Hobbs     | 1758           |                                                                                                                                                                                                                                 |            |            |
| Recorded By    | Keilenberger   | Maxwell        |                                                                                                                                                                                                                                 |            |            |
| Witness By     | Stephenson     | Stephenson     |                                                                                                                                                                                                                                 |            |            |