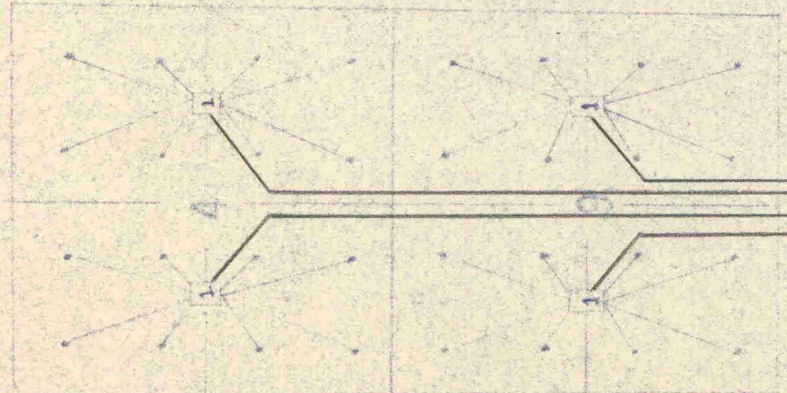
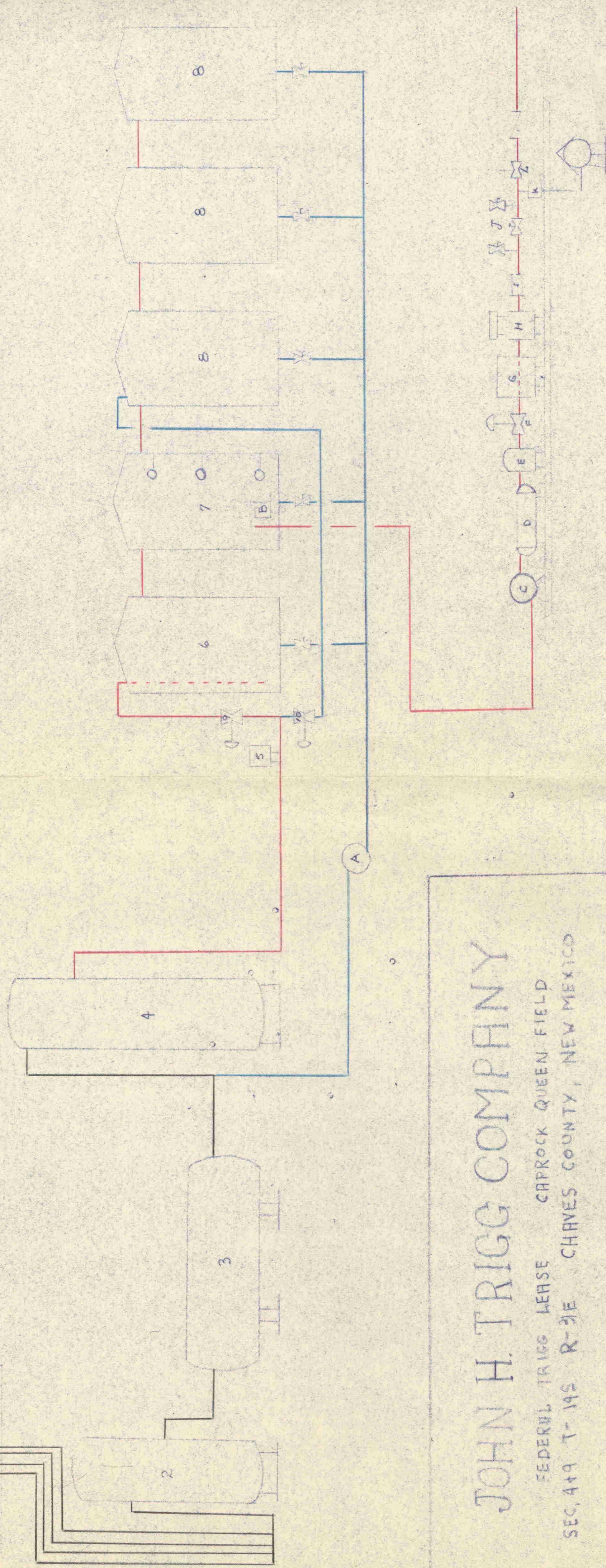




BEFORE EXAMINER NUTTER  
 OIL CONSERVATION COMMISSION  
 EXHIBIT NO. 1802  
 CASE NO. 1802

| ITEM | DESCRIPTION               | ITEM | DESCRIPTION                  |
|------|---------------------------|------|------------------------------|
| 1    | Metering Separators (4)   | A    | Recirculation Pump           |
| 2    | Oil & Gas Separators (2)  | B    | Thermostat For Shut-Down     |
| 3    | Free Water Knockout       | C    | Transfer Pump                |
| 4    | Heater Treater            | D    | Deaerator                    |
| 5    | B.S. & W. Monitor         | E    | Strainer                     |
| 6    | 500 Bbl. Surge Tank       | F    | Optional Shut-in Valve       |
| 7    | 500 Bbl. Sales Tank       | G    | Panel                        |
| 8    | 500 Bbl. Bad Oil Tank (3) | H    | P.D. Meter w/ Safety Shut-In |
| 9    | Good Oil Valve            | I    | Set-Stop Valve               |
| 10   | Bad Oil Valve             | J    | Prover hoop Bypass           |
|      |                           | K    | Sampler n/ Container         |
|      |                           | L    | Back Pressure Valve          |



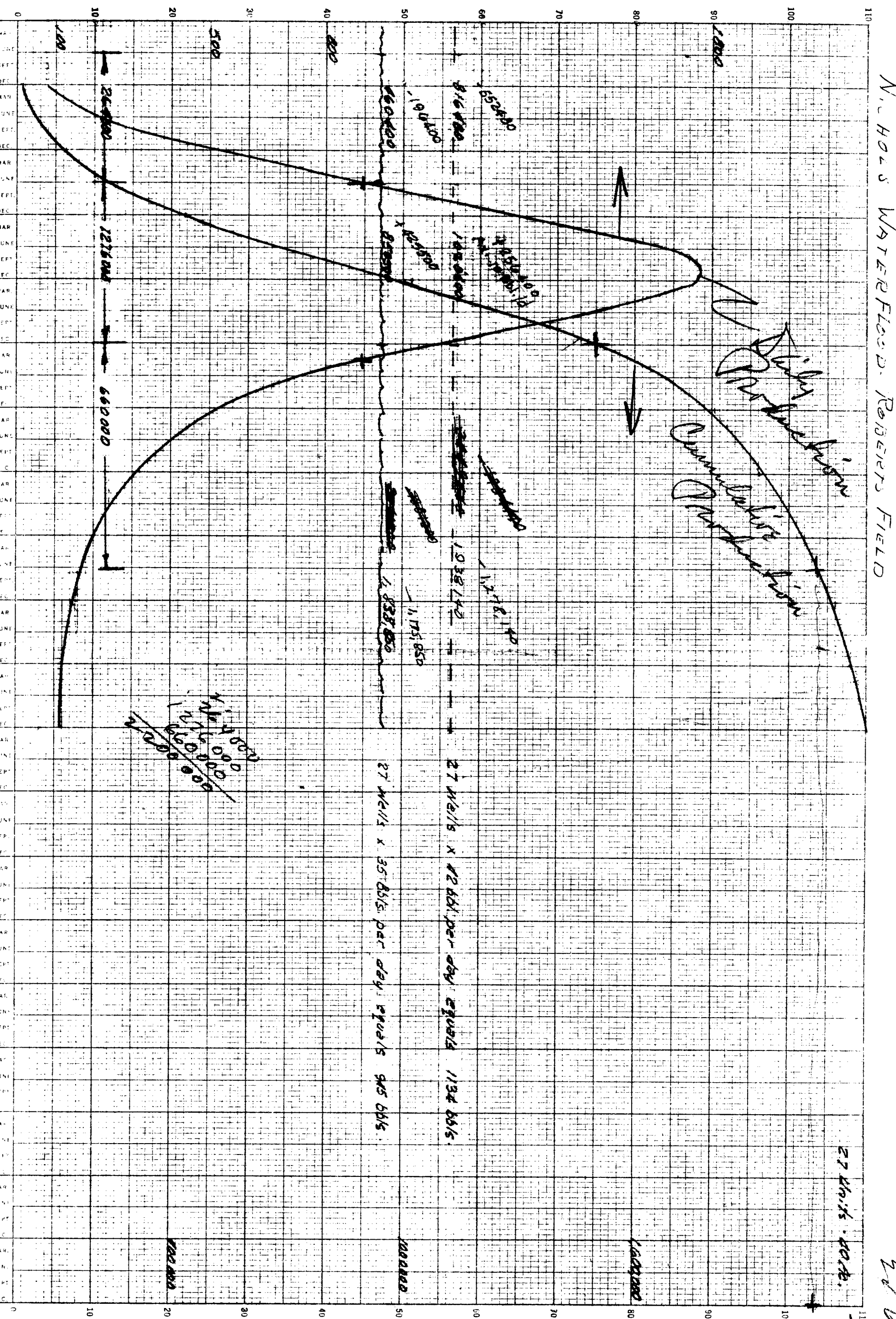
JOHN H. TRIGG COMPANY  
 FEDERAL TRIGG LEASE CAPROCK QUEEN FIELD  
 SEC. 4 & 9 T-14S R-3E CHAVES COUNTY, NEW MEXICO

ILLEGIBLE

Case No.

1803

Large Exhibits



Case No.

1804

Large Exhibits

## BEFORE EXAMINER NUTTER

OIL CONSERVATION COMPANY

EXHIBIT NO. 3

CASE NO. 1804

West Texas Electrical Log Service

Dallas 1, Texas

REFERENCE N° W6206 -A

| SCHLUMBERGER WELL SURVEYING CORPORATION                  |                                                       |
|----------------------------------------------------------|-------------------------------------------------------|
| HOUSTON, TEXAS                                           |                                                       |
| <b>Electrical Log</b>                                    |                                                       |
| COUNTY <u>Lea</u>                                        | COMPANY <u>CABOT CARBON</u>                           |
| FIELD or LOCATION <u>H. Fleet et al #1</u>               | WELL <u>H. FLEET et al #1</u>                         |
| COMPANY <u>CABOT CARBON</u>                              | LOCATION <u>SEC. 35-13S-37E</u>                       |
| FIELD <u>WHEAT King</u>                                  | ES-GR1 (NL)                                           |
| LOCATION <u>SEC. 35-13S-37E</u>                          | Elevation: D.F. 3854<br>K.B. 3855.5<br>or G.I. 3841.7 |
| COUNTY <u>LEA</u>                                        | FILING No.                                            |
| STATE <u>NEW MEXICO</u>                                  |                                                       |
| RUN No. <u>3-4-56</u>                                    |                                                       |
| Date <u>12838</u>                                        |                                                       |
| First Reading <u>4599</u>                                |                                                       |
| Last Reading <u>4599</u>                                 |                                                       |
| Feet Measured <u>4599</u>                                |                                                       |
| Cog. Schium. <u>4599</u>                                 |                                                       |
| Cog. Driller <u>4599</u>                                 |                                                       |
| Depth Reached <u>12841</u>                               |                                                       |
| Bottom Driller <u>12839</u>                              |                                                       |
| Depth Datum <u>K6 13.8' Aby. GL</u>                      |                                                       |
| Mud Nat. <u>Chemical</u>                                 |                                                       |
| Density <u>2.1</u>                                       |                                                       |
| Viscosity <u>1.05 @ 53°F</u>                             |                                                       |
| Resist. <u>41 @ 158°F</u>                                |                                                       |
| Res. BHT <u>9.5 @ 158°F</u>                              |                                                       |
| pH <u>9.5 @ 158°F</u>                                    |                                                       |
| Wtr. Loss <u>6 sec 30 min.</u>                           |                                                       |
| Max. Temp. <u>158</u>                                    |                                                       |
| Bit Size <u>1 7/8"</u>                                   |                                                       |
| Specs. — AM <u>10"</u>                                   |                                                       |
| AO <u>32" LS</u>                                         |                                                       |
| AO <u>19"</u>                                            |                                                       |
| Opr. Rig Time <u>2 Hrs.</u>                              |                                                       |
| Truck No. <u>1762-Hobbs</u>                              |                                                       |
| Recorded By <u>Maxwell</u>                               |                                                       |
| Witnessed By <u>Cockburn</u>                             |                                                       |
| REMARKS                                                  |                                                       |
| GR: 822 - 160 - 100(20.0)                                |                                                       |
| Log. sens. 140; TC2; speed 4000"/hr.                     |                                                       |
| THIS IS NOT A COMPLETE REPRODUCTION OF THE ORIGINAL LOG. |                                                       |
| COMPLETION RECORD                                        |                                                       |
| SPUD DATE                                                | COMP DATE                                             |
| DST RECORD                                               |                                                       |

# WHEELWRIGHT WELL SURVEYING CORPORATION

CRISTAL, TEXAS

## Electrical Log

|                                                                                                                           |                                  |                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| COUNTY <u>Lea</u><br>FIELD or LOCATION <u>Denton</u><br>WELL <u>Federal Jones # 4</u><br>COMPANY <u>Atlantic Ref. Co.</u> | COMPANY <u>ATLANTIC REF. CO.</u> | Location of Well<br><u>600' f 5L</u><br><u>330' f EL</u><br><u>Sec. 34-14S-37E</u>                                 |
|                                                                                                                           | WELL <u>FEDERAL JONES # 4</u>    | <u>Ex. 3</u><br><br><u>ES</u><br><u>(ML)</u><br>Elevation: D.F.: _____<br><u>for</u> K.B.: _____<br>or G.L.: _____ |
|                                                                                                                           | FIELD <u>DENTON</u>              |                                                                                                                    |
|                                                                                                                           | LOCATION <u>SEC. 34-14S-37E</u>  |                                                                                                                    |
|                                                                                                                           | COUNTY <u>LEA</u>                |                                                                                                                    |
| STATE <u>NEW MEXICO</u>                                                                                                   | FILING No. _____                 |                                                                                                                    |

| RUN No.        | 1                 |            |            |            |            |
|----------------|-------------------|------------|------------|------------|------------|
| Date           | 2-18-53           |            |            |            |            |
| First Reading  | 9505              |            |            |            |            |
| Last Reading   | 4722              |            |            |            |            |
| Feet Measured  | 4783              |            |            |            |            |
| Csg. Schlum.   | 4722              |            |            |            |            |
| Csg. Driller   | 4725              |            |            |            |            |
| Depth Reached  | 9508              |            |            |            |            |
| Bottom Driller | 9500              |            |            |            |            |
| Depth Datum    | KB 13.10' Abv. GL |            |            |            |            |
| Mud Nat.       | Gel-Caustic-Obr.  |            |            |            |            |
| " Density      | 9.0               |            |            |            |            |
| " Viscosity    | 40                |            |            |            |            |
| " Resist.      | 54059 °F          | @ °F       | @ °F       | @ °F       | @ °F       |
| " Res. BHT     | 240142 °F         | @ °F       | @ °F       | @ °F       | @ °F       |
| " pH           | 10.00             | @ °F       | @ °F       | @ °F       | @ °F       |
| " Wtr. Loss    | 2.0 CC 30 min.    | CC 30 min. | CC 30 min. | CC 30 min. | CC 30 min. |
| Max. Temp. °F  | 142               |            |            |            |            |
| Bit Size       | 8 3/4"            |            |            |            |            |
| Spchs.—AM      | 10"               |            |            |            |            |
| A              | 32" LS            |            |            |            |            |
| AO             | 19'               |            |            |            |            |
| Opr. Rig Time  | 3 Hrs.            |            |            |            |            |
| Truck No.      | 1758-HANBS        |            |            |            |            |
| Recorded By    | YOUNG             |            |            |            |            |
| Witness By     |                   |            |            |            |            |

# SCHLUMBERGER WELL SURVEYING CORPORATION

HOUSTON, TEXAS



## Electrical Log

COUNTY Lea  
FIELD or LOCATION Denton  
WELL Federal Jones # 2  
COMPANY Atlantic Refg. Co.

COMPANY ATLANTIC REFG.CO.

WELL FEDERAL JONES # 2

FIELD DENTON

LOCATION SEC. 34-14S-37E

COUNTY LEA

STATE NEW MEXICO

Location of Well  
330' f S&E/L  
Sec. 34-14S-37E

*Ex. 4*

Elevation: D.F.: 3822

K.B.:  
or G.L.:

FILING No.

| RUN No.        | 1             | 2              |            |            |            |
|----------------|---------------|----------------|------------|------------|------------|
| Date           | 8-17-52       | 12-10-52       |            |            |            |
| First Reading  | 9538          | 12538          |            |            |            |
| Last Reading   | 4750          | 9538           |            |            |            |
| Feet Measured  | 4788          | 3000           |            |            |            |
| Csg. Schlum.   | 4750          |                |            |            |            |
| Csg. Driller   | 4750          | 4750           |            |            |            |
| Depth Reached  | 9541          | 12541          |            |            |            |
| Bottom Driller | 9550          | 12550          |            |            |            |
| Depth Datum    | 1' Abv. RT    | 13.10' Abv. GL |            |            |            |
| Mud Nat.       | Oil-Chemicals |                |            |            |            |
| " Density      | 8.5           | 8.9            |            |            |            |
| " Viscosity    | 50            | 90             |            |            |            |
| " Resist.      | 60 @ 84 °F    | 56 @ 60 °F     | @ °F       | @ °F       | @ °F       |
| " Res. BHT     | 35 @ 145 °F   | 53 @ 174 °F    | @ °F       | @ °F       | @ °F       |
| " pH           | 11 @ °F       | 10.5 @ °F      | @ °F       | @ °F       | @ °F       |
| " Wtr. Loss    | 2 CC 30 min.  | 1.8 CC 30 min. | CC 30 min. | CC 30 min. | CC 30 min. |
| Max. Temp. °F  | 145           | 174            |            |            |            |
| Bit Size       | 8 3/4"        | 8 3/4"         |            |            |            |
| Spcgs.—AM      | 10"           | 10"            |            |            |            |
| A              | 32" LS        | 32" LS         |            |            |            |
| AO             | 19'           | 19'            |            |            |            |
| Opr. Rig Time  | 6 Hrs.        | 4 Hrs.         |            |            |            |
| Truck No.      | V-1-Hobbs     | V-6-Hobbs      |            |            |            |
| Recorded By    | Scott         | Reinders       |            |            |            |
| Witness By     | Smith         |                |            |            |            |