

PROPOSED WATER INJECTION METHOD

Curtis J. Little Pressure Maintenance Project  
Navajo Lease - Wells Nos. 10-27 & 4-28  
Many Rocks-Gallup Field, Sections 27 & 28-T32N-R17W  
San Juan County, New Mexico

Note: All depths and measurements  
are estimated.

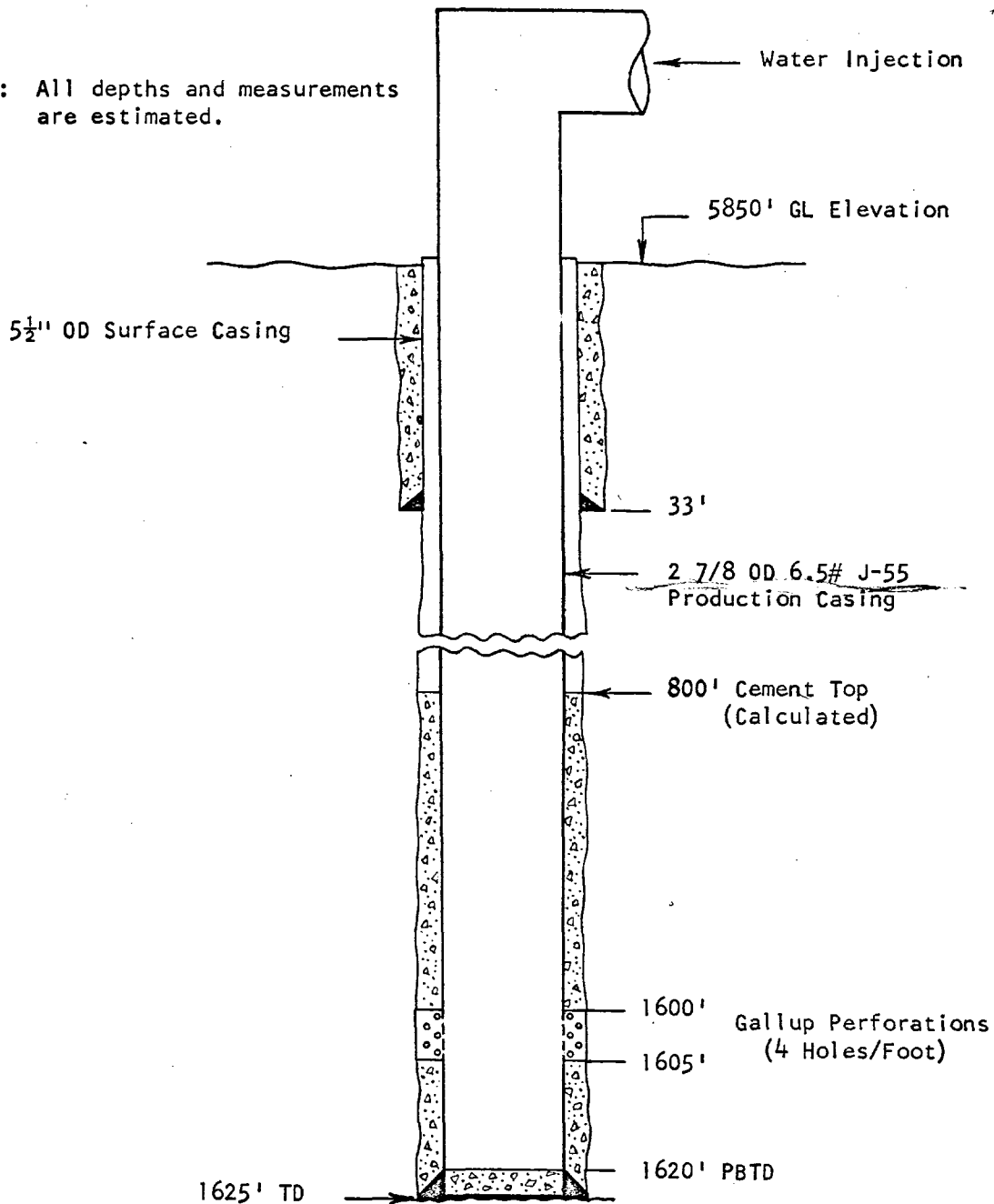


EXHIBIT NUMBER D

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
A. EXHIBIT NO. 4  
CASE NO. 3036

PROPOSED WATER INJECTION METHOD

Curtis J. Little Pressure Maintenance Project  
for Navajo 3X-27  
Many Rocks-Gallup Field, Section 27-T32N-R17W  
San Juan County, New Mexico

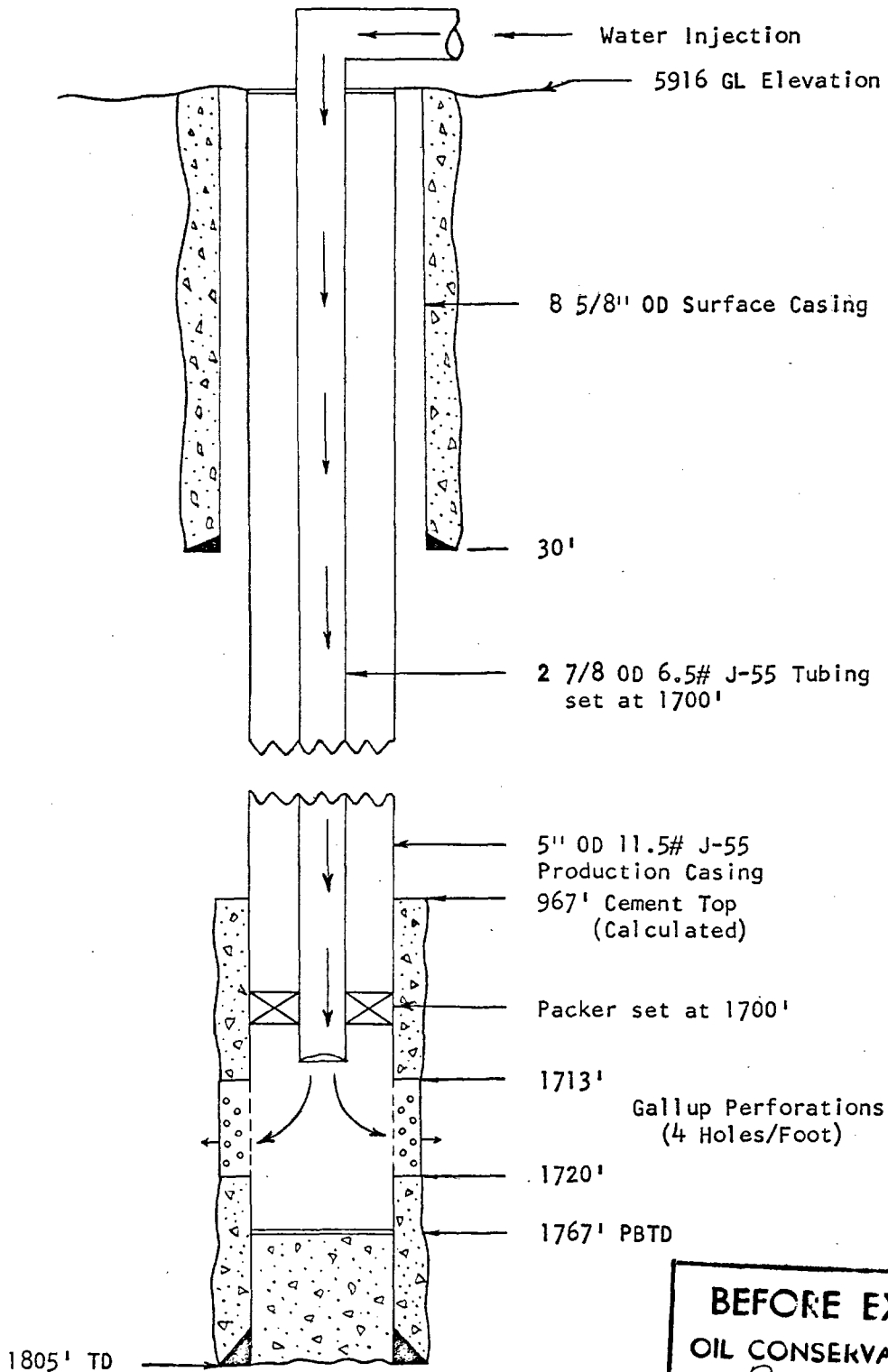
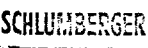


EXHIBIT NUMBER C

|                             |                      |
|-----------------------------|----------------------|
| BEFORE EXAMINER UTZ         |                      |
| OIL CONSERVATION COMMISSION |                      |
| <u>A.</u>                   | EXHIBIT NO. <u>3</u> |
| CASE NO. <u>3036</u>        |                      |



|                                                                                                       |                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COUNTY SAN JUAN, N. M.<br>FIELD OF LOCATION UNNAMED<br>WELL NAVAJO 3-27-X<br>COMPANY CURTIS J. LITTLE | COMPANY CURTIS J. LITTLE<br>WELL NAVAJO 3-27-X<br>FIELD UNNAMED<br>COUNTY SAN JUAN STATE NEW MEXICO<br>LOCATION SW SE<br>Sec. 27 Twp. 32N Rge. 17W<br>Other Services: FDL<br>Permanent Datum: G.L. Elev. 5916'<br>Log Measured From: G.L. Ft. Above Perm. Datum<br>Drilling Measured From: G.L. Elev. K.B. --<br>D.F. --<br>G.I. 5916' |
|-------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                     |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Date 1-7-63<br>Run No. ONE<br>Depth-Driller 1805<br>Depth-Logger 1755<br>Btm. Log Interval 1790<br>Top Log Interval 30<br>Casing-Driller 4 3/4 @<br>Casing-Logger 30<br>Bit Size 6 3/4<br>Type Fluid in Hole OIL FILLUP<br>APPR 45' | Dens. Visc.<br>pH Fluid Loss<br>Source of Sample<br>R <sub>h</sub> @ Meas. Temp.<br>R <sub>h</sub> @ Meas. Temp.<br>R <sub>h</sub> @ Meas. Temp.<br>Source R <sub>h</sub> R <sub>h</sub><br>R <sub>h</sub> @ BHT<br>Time Since Circ. 2 HOURS<br>Max. Rec. Temp. 75 °F<br>Equip. Location 2516 FARM<br>Recorded By TALLEY<br>Witnessed By JMR LITTLE |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

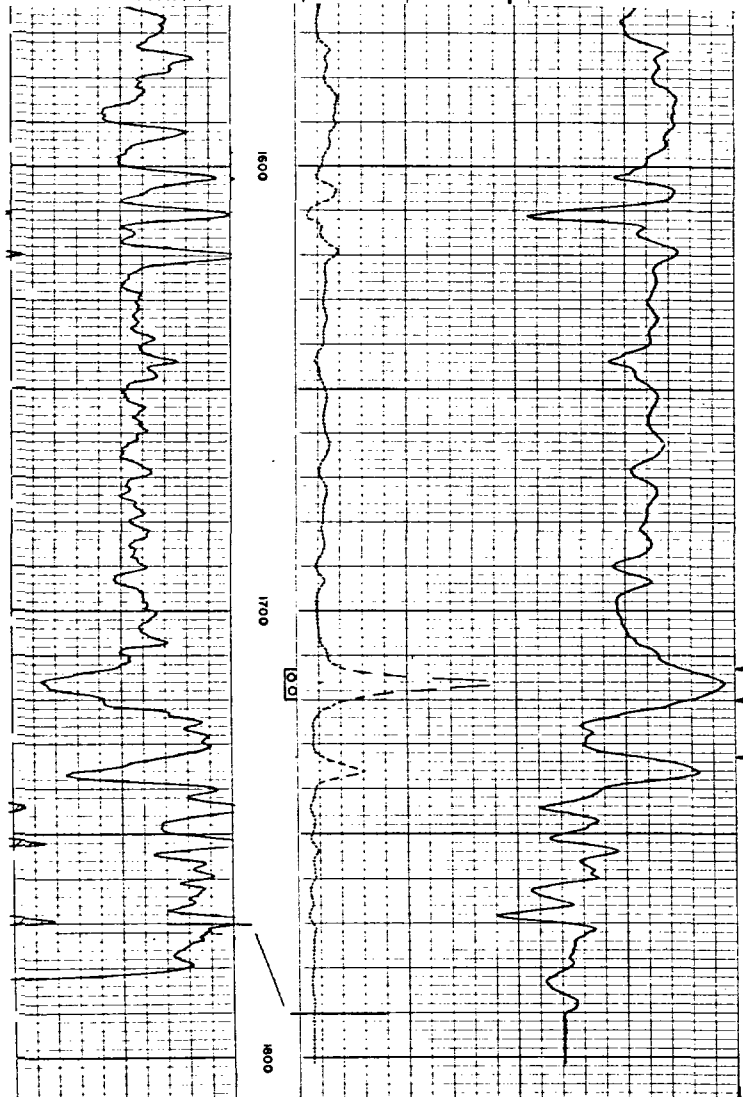


EXHIBIT B

- ← 1713 TOP GALLUP(+4203)
- ← 1720 BASE GALLUP
- ← 1733 TOP SANOSTEE (+4183)

 PERFORATIONS  
4 SHOTS/ FOOT

|           |        |                                                        |  |
|-----------|--------|--------------------------------------------------------|--|
|           |        |                                                        |  |
|           |        |                                                        |  |
|           |        | INDUCTION                                              |  |
|           |        | 0.....100                                              |  |
|           |        | 0.....1000                                             |  |
|           |        | RESISTIVITY                                            |  |
|           |        | -ohms. m <sup>2</sup> /m                               |  |
| 24        | 144    |                                                        |  |
|           |        | INDUCTION                                              |  |
| 144       | 288    | 400.....200                                            |  |
|           |        | 600.....400                                            |  |
| GAMMA RAY | DEPTHS | CONDUCTIVITY                                           |  |
| API UNITS |        | millimhos/m = $\frac{1000}{\text{ohms. m}^2/\text{m}}$ |  |

|                             |                      |
|-----------------------------|----------------------|
| BEFORE EXAMINER UTZ         |                      |
| OIL CONSERVATION COMMISSION |                      |
| <i>H</i>                    | EXHIBIT NO. <i>2</i> |
| CASE NO. <i>3036</i>        |                      |