

# #1 BOLACK

1080' F/SL 1920' F/EL SEC. 9-26 N-1W

## #1 HIJO

1980' F/NL 1980' F/WL SEC. 5-26 N-1E



# SCHLUMBERGER

## INDUCTION - ELECTRICAL LOG

SCHLUMBERGER WELL SURVEYING CORPORATION

Houston, Texas

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**COMPANY:** BOLACK-GREER & CO.

**WELL:** BOLACK #1

**FIELD:** WILCBAT

**LOCATION:** SEC. 9-26W-1W

**CITY:** RIO ARriba

**STATE:** NEW MEXICO

**Other Surveys:**  
GR 1TH

**Location of Well:**  
108D° FSL  
1920° FSL

**SEC. 9-26W-1W**

**Elevation D.F.A.**  
K.B. 7751'  
or G.A. 7750'

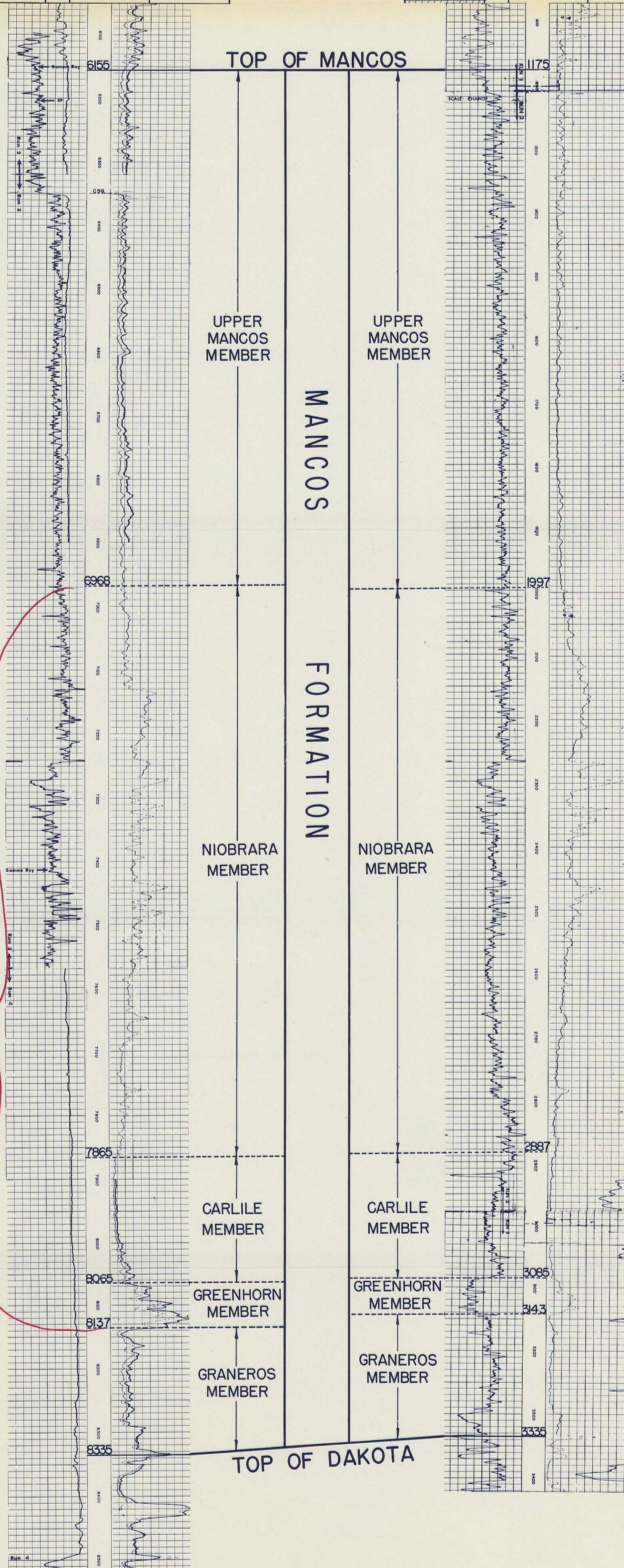
**FLUID No.:**

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| RUN No.         | ONE     | TWO      | THREE    | FOUR      |
|-----------------|---------|----------|----------|-----------|
| Date            | 7-12-62 | 65-10-63 | 65-25-63 | 7-10-63   |
| Drill. No.      | 332     | 332      | 332      | 332       |
| First Reading   | 305     | 188      | 188      | 188       |
| Top of Cement   | 305     | 188      | 188      | 188       |
| Top of Steel    | 305     | 188      | 188      | 188       |
| Clog. Sealsum.  | 305     | —        | 6350     | —         |
| Top of Cement   | 305     | 188      | 188      | 188       |
| Bottom Drilling | 1873    | 6109     | 7572     | 6150      |
| Bottom Depth    | 6350    | 6350     | 7572     | 8520      |
| Drill Depth     | 9-48    | 9-48     | 9-48     | 9-48      |
| Mod. No.        | DTL     | CHEN     | EMUL     | DEL-3000H |
| Drill. No.      | 332     | 332      | 332      | 332       |
| First Reading   | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Top of Cement   | 3-58-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Mod. No.        | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Top of Steel    | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Clog. Sealsum.  | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Top of Cement   | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Bottom Drilling | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Bottom Depth    | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Drill Depth     | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Mod. No.        | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
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| Top of Cement   | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
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| Mod. No.        | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Drill. No.      | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| First Reading   | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Top of Cement   | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
| Mod. No.        | 4-70-72 | 3-60-80  | 3-40-82  | 7-70-78   |
|                 |         |          |          |           |

|                                     |  |                                                                                             |  |                                                                          |  |
|-------------------------------------|--|---------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------|--|
| SPONTANEOUS POTENTIAL<br>millivolts |  | DEPTH                                                                                       |  | GRIT                                                                     |  |
| $- \frac{10}{\text{mv}} +$          |  | 2 1/2" 100                                                                                  |  | CONDUCTIVITY<br>millimhos/m = $\frac{1000}{\text{resist. m}^2/\text{m}}$ |  |
|                                     |  |                                                                                             |  |                                                                          |  |
| GAMMA RAY<br>API UNITS              |  | 400 ..... INDUCTION ..... 0<br>..... 600 ..... 400                                          |  | RESISTIVITY<br>-ohms. m <sup>2</sup> /m                                  |  |
|                                     |  |                                                                                             |  |                                                                          |  |
| 2 1/4 ..... 1 1/4                   |  | L. R. 305                                                                                   |  | 16" NORMAL                                                               |  |
|                                     |  |                                                                                             |  |                                                                          |  |
| 1 1/4 ..... 2 1/4                   |  | 0 ..... INDUCTION ..... 100<br>..... 0 ..... 1000<br>..... 0 ..... 100<br>..... 0 ..... 100 |  |                                                                          |  |
|                                     |  |                                                                                             |  |                                                                          |  |

|                                                                                    |  |                                                                                             |  |
|------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--|
|  |  | <b>SCHLUMBERGER WELL SURVEYING CORPORATION</b><br>SURVEYING • LOGGING • GEOPHYSICS          |  |
| COMPANY <u>INTECX OIL COMPANY</u><br>SOUTH PENN.                                   |  | INDUCTION LOG<br>GAMMA PLOT LOG                                                             |  |
| WELL <u>WJLD U.S. 1, NO. 1</u>                                                     |  | Location of Well<br>Sec. <u>5</u> - T. <u>26N</u> - E. <u>1E</u><br>1980' PWT,<br>1980' PWD |  |
| FIELD <u>PUERTO RICOITO</u>                                                        |  | (NONE)                                                                                      |  |
| LOCATION <u>SEC. 5-26N-1E</u>                                                      |  | Elevation D.P. = 7102'<br>C.R. = 7102'<br>or 54' 7105'                                      |  |
| COUNTY <u>RIO ABISIA</u>                                                           |  | PLINTING NO.                                                                                |  |
| STATE <u>NUEVA</u>                                                                 |  |                                                                                             |  |

[illegible][illegible]

Formations  
in the  
Canada  
Ojitos  
Participating  
Area

All  
Case 7284

## LEGEND

# SECTIONS OF TYPICAL LOGS SHOWING FORMATION TOPS OF MANCOS AND DAKOTA AND MEMBERS OF MANCOS FORMATION