

# Log Analysis

1. + 2

9/21/84  
Schlumberger

660' FNL & 1980' FEL 7 11N 27E

COMPANY  
BAKER & TAYLOR DRILLING COMPANY  
WELL  
T-4 CATTLE COMPANY #1  
FIELD  
WILDCAT  
COUNTY  
SAN MIGUEL  
STATE  
NEW MEXICO

| DEPTH<br>CNL/LOT | Pen  | LIME | Plot | P <sub>na</sub> | R <sub>10</sub> |  |  | BVW<br>Q <sub>3</sub> W | R <sub>wa</sub> | R <sub>w</sub> | %<br>POROSITY | %<br>WATER | REMARKS        |
|------------------|------|------|------|-----------------|-----------------|--|--|-------------------------|-----------------|----------------|---------------|------------|----------------|
| 1152-56          | 18   |      | 28   | 2.60            | 13              |  |  | .083                    | .681            | .09            | 22.9          | 36         | WATER &<br>GAS |
| 1156-58          | 22   |      | 16   | 2.77            | 40              |  |  | .047                    | 1.42            |                | 18.9          | 25         |                |
| 1158-60          | 29   |      | 20   | 2.81            | 20              |  |  | .067                    | 1.18            |                | 24.3          | 28         |                |
| 1160-62          | 29.5 |      | 21   | 2.75            | 19              |  |  | .080                    | .715            |                | 22.6          | 36         |                |
| 1162-66          | 29   |      | 12.8 | 2.88            | 22              |  |  | .064                    | .944            |                | 20.7          | 31         |                |
| 1166-69          | 23   |      | 19.8 | 2.74            | 20              |  |  | .067                    | .903            |                | 21.3          | 32         |                |
| 1169-74          | 25.8 |      | 20   | 2.77            | 18              |  |  | .071                    | .93             |                | 22.7          | 31         |                |
| 1290-96          | 22   |      | 20   | 2.73            | 13              |  |  | .083                    | .566            | .09            | 20.9          | 40         | WATER          |
| 1298-304         | 22   |      | 20   | 2.73            | 20              |  |  | .067                    | .87             |                | 20.9          | 32         |                |
| 1314-18          | 18   |      | 14.8 | 2.74            | 19              |  |  | .069                    | .504            |                | 16.3          | 42         |                |
| 1448-58          | 18   |      | 14.4 | 2.75            | 22              |  |  | .064                    | .57             | .09            | 16.1          | 40         | WATER &<br>GAS |
| 1458-62          | 16.5 |      | 12   | 2.75            | 50              |  |  | .042                    | 1.0             |                | 14.2          | 30         |                |
| 1462-68          | 19   |      | 17   | 2.73            | 21              |  |  | .065                    | .672            |                | 17.9          | 37         |                |
| 1468-74          | 19.8 |      | 18.7 | 2.72            | 26              |  |  | .059                    | .952            |                | 19.1          | 31         |                |
| 1474-80          | 17   |      | 16   | 2.72            | 30              |  |  | .055                    | .807            |                | 16.4          | 33         |                |
| 1480-90          | 17   |      | 14.4 | 2.73            | 32              |  |  | .053                    | .779            |                | 15.6          | 34         |                |
| 1494-98          | 18   |      | 16.8 | 2.72            | 20              |  |  | .067                    | .599            |                | 17.3          | 39         |                |
| 1498-03          | 16   |      | 14   | 2.73            | 40              |  |  | .047                    | .889            |                | 14.9          | 32         |                |
| 1503-12          | 20   |      | 19   | 2.72            | 33              |  |  | .052                    | 1.24            |                | 19.4          | 27         |                |
| 1514-24          | 17   |      | 16   | 2.72            | 25              |  |  | .060                    | .673            |                | 16.4          | 37         |                |

All interpretations are opinions based on inferences from electrical and other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

DATE  
Sept 22, 1984  
LOCATION  
Amarillo  
ENGINEER  
Robert Mitchell