

15-123-00002-00-00

NATIONAL ASSOCIATED PETROLEUM COMPANY  
THIESSEN NO. 1 - SW SW SE of 15-6S-9W  
MITCHELL COUNTY, KANSAS

Drilling Contractor: Exploration Drilling Co.  
220 North Boston  
Tulsa, Oklahoma

Started Rigging Up : 1-29-53  
Started Drilling : 1-30-53  
Completed Drilling : 2-16-53

Set: 157' of 10-3/4" Surface Casing @ 165'  
W/150 Sacks of Cement.

FORMATIONS

|   |      |                  |
|---|------|------------------|
| Surface Clay                                | 0'   | 18'              |
| Post Rock                                   | 18   | 30               |
| Sand  | 30   | 45               |
| Shale & Shells                              | 45   | 165              |
| Shale                                       | 165  | 490              |
| Red Bed, Shale, Pyrite<br>& Anhydrite Stks. | 490  | 921              |
| Shale & Lime                                | 921  | 1190             |
| Shale & Shells                              | 1190 | 1250             |
| Sandy Lime                                  | 1250 | 1300             |
| Shale & Lime                                | 1300 | 2535             |
| Shale, Lime & Chert                         | 2535 | 2572             |
| Shale & Lime                                | 2572 | 3185             |
| Shale, Lime & Chert                         | 3185 | 3300             |
| Chert & Lime Stks.                          | 3300 | 3359             |
| Shale & Lime Stks.                          | 3359 | 3386             |
| Shale & Lime                                | 3386 | 3440             |
| Chert & Lime                                | 3440 | 3522             |
| Shale & Lime                                | 3522 | 3602             |
| Shale & Lime Stks.                          | 3602 | 3652             |
| Shale & Lime                                | 3652 | 3713             |
| Hard Lime                                   | 3713 | 3747             |
| Shale & Lime                                | 3747 | 3777             |
| Lime & Shale Stks.                          | 3777 | 3829             |
| Sandy Lime & Shale                          | 3829 | 3894             |
| Lime, Shale & Chert                         | 3894 | 3918             |
| Lime  | 3918 | 3954             |
| Lime, Chert & Pyrite                        | 3954 | 3960 Total Depth |

CERTIFICATION

This is to certify that the above and foregoing is a true, correct, and complete copy of the Driller's Log covering the Thiessen No. 1 according to the records of this office and the best of my knowledge and belief.

EXPLORATION DRILLING COMPANY

By Glenn M. Stee

W. King  
Notary Public

**PLUGGING**  
FILE SEC 15 T 6 R 9 W  
BOOK PAGE 80 LINE 5

RECEIVED  
CORPORATION COMMISSION  
APR 8 - 1953  
CONSERVATION DIVISION  
Wichita, Kansas  
4-8-53

Subscribed and sworn to before me this 3rd day of April, 1953.

My commission expires April 25, 1954.