

DRILLERS LOG

OCT 10 1970

THOMPSON NO. 1

11-31-7W  
C SW NE

Elev. 1552' K  
B

CASING RECORD: OPERATOR: Shenandoah Oil Corp. DESCRIPTION:  
8-5/8" @ 532' CONTRACTOR: Sage Drilling Co. C SW NE  
w/300 sax cement Sec. 11-31S-7W  
Harper County, Kansas  
TOTAL DEPTH: COMMENCED: October 9, 1968  
4750' COMPLETED: October 20, 1968

*Dry/Simp*

| <u>FORMATION</u>     | <u>FROM</u> | <u>TO</u> | <u>REMARKS</u>  |
|----------------------|-------------|-----------|-----------------|
| Surface Soil         | 0           | 539       | <i>Log Taps</i> |
| Red Bed & Blue Shale | 539         | 1300      |                 |
| Lime & Shale         | 1300        | 1635      |                 |
| Chalky Lime & Shale  | 1635        | 1967      |                 |
| Lime & Shale         | 1967        | 2760      |                 |
| Shale & Lime         | 2760        | 3185      |                 |
| Lime & Shale         | 3185        | 3385      |                 |
| Shale                | 3385        | 3536      |                 |
| Shale & Sand         | 3536        | 3640      |                 |
| Shale                | 3640        | 3710      |                 |
| Lime & Shale         | 3710        | 3846      |                 |
| Lime, Shale & Chert  | 3846        | 3899      |                 |
| Lime                 | 3899        | 4095      |                 |
| Lime & Shale         | 4095        | 4233      |                 |
| Lime                 | 4233        | 4350      |                 |
| Chert, Chat & Lime   | 4350        | 4527      |                 |
| Lime & Shale         | 4527        | 4650      |                 |
| Lime, Chert & Chat   | 4650        | 4685      |                 |
| Shale                | 4685        | 4710      |                 |
| Shale, Lime & Sand   | 4710        | 4750      |                 |

4 1/2" @ 4436' w/150 sax

I certify that this is a true and correct copy of the above log to the best of my knowledge.



SAGE DRILLING CO., INC.

By *T. M. McCaul, Jr.*  
T. M. McCaul, Jr.



Subscribed and sworn to before me this 28th day of October, 1968.