

OCT 10 1970

15-193-20033

1-9-31W
CNE SW

ROTARY DRILLING LOG

elev. 2966' KB
Dry/KC

Operator: Mull Drilling Co., Inc.
SCHWARTZ #2
NE SW Sec. 1-9S-31W
Thomas County, Kansas

Contractor: Rains & Williamson
Oil Co., Inc.

Commenced: 9-11-70
Completed: 9-18-70

Casing: 8-5/8"/288'/225 sack

Formations

Surface Clay	40'
Sand and Shale	200'
Shale	1760'
Shale and Lime	2135'
Shale, Lime and Sand	2495'
Shale	2573'
Anhydrite	2606'
Shale and Red Bed	2990'
Shale and Lime	3120'
Lime and Shale	3235'
Shale and Lime	3420'
Lime and Shale	3627'
Shale and Lime	3833'
Lime and Shale	4020'
Lime	4098'
Rotary Total Depth	4098'

Sample Log

Anhydrite 2573'
 Topeka 2624'
 Topeka 3758'
 Heubner 3970'
 Topeka 3992'
 LKC 4009'



We certify the above log is true and correct, to the best of our knowledge and belief.

RAINS & WILLIAMSON OIL CO., INC.

Wilson Rains

 Wilson Rains

Subscribed and sworn to me, a Notary Public within and for the State of Kansas County of Sedgwick, this 21 day of September, 1970.

Jeanine Durand

 Jeanine Durand Notary Public



My Commission Expires: 3-31-74