

JAN 16 1971

ROTARY DRILLING LOG

PMP 2080PD, NW
ER 40 /

Operator: Rains & Williamson Oil
Co., Inc.
BASTIN #1
NW NE 34-8S-32W
Thomas County, Kansas

Contractor: Rains & Williamson
Oil Co., Inc.
Commenced: 9-27-68
Completed: 10-11-68 (Rotary)

Remarks: Set 8-5/8" casing at
364' w/175 sacks GL-3.

Gen. 3102' KB

Set 5-1/2" casing at
4420' w/150 sacks cmt.

Formations

Surface clay	40'
Sand and Shale	260'
Shale	2500'
Red Bed	2694'
Anhydrite	2723'
Shale	3180'
Shale and Lime	3590'
Lime and Shale	4082'
Lime	4383'
Lime and Shale	4420'
Lime	4678'
Rotary Total Depth	4678'

Sample 2.44

anhydrite	2694
B. "	2723
Wabash	3626
Howard	3784
Jopoka	3854
Helbner	4049
Toronto	4074
Lansing	4087
BKC	4360
Wazmaton	4361
Chero	4533
Cong	4626
Miss	4651
" Del	4670

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 before me, a Notary Public within and for the State of Kansas, County of Sedgwick, this 14th day of October, 1968.

Sherry Gish
Sherry Gish Notary Public