

FEB 21 1970

ROTARY DRILLING LOG

22-13-18W
22-13-18W
SW NE NW

Operator: Rains & Williamson
and Clinton Oil Company
BRAUN #5-D
Approx. SW NE NW Sec. 22-13S-18W
Ellis County, Kansas

Contractor: Rains & Williamson
Oil Co., Inc.
Commenced: 12-6-69
Completed: 12-16-69 (Rotary)

Casing: 8-5/8"/566'/210
sx. 50-50 Pozmix,
100 sx. common,
2% gel.

5-1/2"/3625'/
175 sacks cement.

Elv. 2071 KB

3480

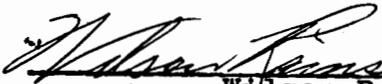
Anhy 1338
" 1375
" 3696

Formations

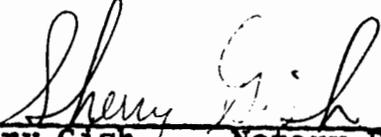
Surface Dirt	22'
Post Rock	26'
Shale and Shells	75'
Shale and Shells; Clay and Sand	570'
Shale and Shells	780'
Dakota Sand	976'
Shale and Red Bed	1335'
Anhydrite	1378'
Shale, Red Bed, & Shells	1387'
Shale and Red Bed	1655'
Shale and Lime	2102'
Lime and Shale	2567'
Shale and Lime	3093'
Lime and Shale	3164'
Lime	3626'
Rotary Total Depth	3626'

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

RAINS & WILLIAMSON OIL CO., INC


Wilson Rains

Subscribed and sworn to before me, a Notary Public within and for the
State of Kansas, County of Sedgwick, this 19 day of December, 1969.


Sherry Gish Notary Public

Commission Expires: 6-30-71