

JUN 25 1971

Elevation: 2414' KB

31-21-24W

ROTARY DRILLING LOG

DRY/MISS.

Operator: Beardmore Oil, Inc.
SMITH "B" #1
C NW SE Section 31-21S-24W
Hodgeman County, Kansas

Contractor: Rains & Williamson
Oil Co., Inc.
Commenced: 5-4-71
Completed: 5-13-71
Casing: 8-5/8"/540'/275 sacks

Formations

Soil, Shale and Lime	165'
Shale	542'
Shale and Red Bed	1100'
Sand	1297'
Shale and Red Bed	1300'
Shale	1622'
Anhydrite	1656'
Shale	1940'
Shale and Lime	2505'
Lime and Shale	3105'
Shale and Lime	3994'
Lime	4647'

Rotary Total Depth

4647'



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

RAINS & WILLIAMSON OIL CO., INC.

Sample Tops:

Anhydrite	1620 (+ 794)
Heebner	3843 (-1429)
Lansing	3895 (-1481)
Base Kansas City	4279 (-1865)
Marmaton	4306 (-1892)
Fort Scott	4434 (-2020)
Mississippi	4549 (-2135)
Miss. Osage	4616 (-2202)
TD	4647

Core No. 1:

4525-4536

Recovered 11' conglomerate

DST No. 1:

4231-4248 - Open 30 min., shut in 30 min., open 60 min., shut in 60 min. Rec. 420' salt water. IBHP 1360#, FBHP 1384#, IF - FF 23 - 185#. D&A.