

COMPANY BEARDMORE DRILLING

SEC. 12 T. 21 R. 23W

FARM Kreider

NO. 1

LOC. C NE SW

12-21-23W

COUNTY Hodgeman

KANSAS

TOTAL DEPTH 4500'

COMM. 3-18-68

COMP. 3-28-68

SHOT OR TREATED

CONTRACTOR Rains & Williamson

ISSUED 9-28-68

CASING

20	10	
15	8	5/8" 415' cem w/ 225 sx
12	6	
13	5	1/2" 1170' cem w/ 400 sx

ELEVATION 2292' KB

PRODUCTION DRY/MISS

FIGURES INDICATE BOTTOM OF FORMATIONS

400 SACKS 2% DIACET

Clay and Post Rock	90'
Shale	735'
Shale and Red Bed	851'
Blaine Anhydrite	865'
Shale	960'
Shale	1163'
Shale	1469'
Anhydrite	1506'
Shale and Shells	1935'
Shale	2210'
Shale and Lime	2320'
Lime and Shale	3180'
Shale and Lime	3400'
Lime and Shale	3930'
Lime	4500'

Rotary Total Depth 4500'

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

RAINS & WILLIAMSON OIL CO., INC.

TOPS: SMP	
Blaine	851
Base Blaine	865
Anhydrite	1478
Heebner	3796
Lansing	3846
Base Kansas City	4184
Pawnee lime	4299
Fort Scott	4372
Cherokee	4397
Chat Conglomerate	4454
Mississippi Warsaw	4478
TD	4500