

35-19-33W

KANSAS GEOLOGICAL SOCIETY
KANSAS WELL LOG BUREAU - KANSAS WELL SAMPLE BUREAU
KANSAS GEOLOGICAL SOCIETY BUILDING
508 EAST MURDOCK - WICHITA, KANSAS

COMPANY SATURN OIL & GAS, INC.

SEC. 35 T. 19 R. 33W

LOC. C NE

FARM Smith

NO. 2

COUNTY Scott

TOTAL DEPTH 2670

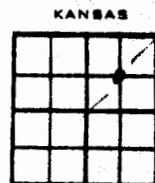
COMM. 5-1-65

COMP. 5-5-65

SHOT OR TREATED

CONTRACTOR Earl F. Wakefield

ISSUED 8-27-66



CASING

COMPLETE DRILLERS LOG NOT AVAILABLE

20

10

15

8 5/8" @ 350' w/?

ELEVATION 2960'KB

12

6

13

4 1/2" @ 2668'

PRODUCTION DRY (Kri)

FIGURES INDICATE BOTTOM OF FORMATIONS

Herington	Porosity %	Water Saturation %
2602-06	12	58
2606-08	8	100
Krider		
2637-40	18	38
2648-50	14 1/2	57
2650-52	11	60
2652-55	9	100

Based on the log calculations of the upper portion of the Krider and the apparent presence of the same unit of the Krider which is productive in the #1-35 Smith, the recommendation was made that production casing be set and a completion attempt be made.

Original signed by:
W. R. Atkinson

W. R. Atkinson

**Formation Tops-Schlumberger Log Depths
(K. B. Elevation)**

Base Cimarron Anhydrite:	2184	(+776)
	2592	(+368)
	2602	(+358)
	2630	(+330)
	2659	(+301)
	2668	(+292)

Sample Descriptions

Hollenberg	2592-97	Gray to brown dense dolomite and some white very fine crystalline dolomite.
Herington	2602-09	Light gray, very fine crystalline, silty dolomite.
Krider	2630-59	
	2630-34	Gray, fine grained quartz sand interbedded with black carbonaceous shale
	2634-37	Gray-tonish dense dolomite.
	2637-44	Fine grained quartz sand and black shale as above.
	2644-59	Light gray-buff, fine crystalline slightly sandy, slightly chalky dolomite with a few isolated small vugs and some pinpoint porosity.

Schlumberger log calculations

Rev=.04 Vm=21,000