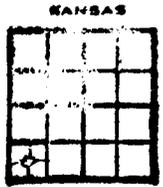


15-16-21W
C-SW-SW

15-135-20916

DRILLERS LOG

KANSAS GEOLOGICAL SOCIETY
Wichita, Kansas



#1 ELMORE RYAN

C SW SW Section 15-16S-21W
Ness County, Kansas

OPERATOR:

Murfin Drilling Company
617 Union Center
Wichita, Kansas 67202

CONTRACTOR:

Dunne-Gardner Petroleum, Inc.
Suite 250, 200 West Douglas
Wichita, Kansas 67202

COMMENCED:

December 23, 1974

COMPLETED:

January 3, 1975

CASING RECORD:

8-5/8" @ 295' w/175 sx



ELEVATION: 2337 KB

LOG TOPS: DEPTH:

FROM	TO	DESCRIPTION	LOG TOPS:	DEPTH:
0	300	Post rock and shale	Heeb	3707
300	695	Shale	Lans	3752
695	865	Shale and shells	Bkc	4021
865	873	Anhydrite	Paw	4107
873	1085	Shale	Ft Sc	4196
1085	1314	Sand	Miss	4270
1314	1576	Shale	Rtd	4300
1576	1667	Anhydrite		
1667	1965	Shale and shells		
1965	3500	Lime and shale		
3500	4195	Lime		
4195	4215	Lime and chert		
4215	4300	Lime		
4300		Rotary total depth		

STATE OF KANSAS)
) ss
COUNTY OF SEDGWICK)

I hereby certify that the above is a true and correct log to the best of my knowledge and belief.

Don Gardner

My commission expires:
December 14, 1977

Notary Public