15-877-20380

6-34-9W

State Geological Survey
WICHITA BRANCH

DRILLERS LOG

Frieden #1

CASING RECORD:
219' of 8 5/8" set with 150 sacks cement

TOTAL DEPTH:
4641'

OPERATOR: Mid-Continent Energy Corp.

CONTRACTOR: Search Drilling Company

COMMENCED: August 31, 1976

COMPLETED: September 9, 1976

DESCRIPTION:
C SE NE
Section 6-34S-9W
Harper County, Kansas

Formation	From	To	Remarks
Sand	0	225	
Red Bed and Shale	225	787	
Shale and Lime	787	1436	
Lime and Shale	1436	1650	
Shale and Lime	1650	1893	
Lime and Shale	1893	2358	
Shale and Lime	2358	2655	
Lime and Shale	2655	3744	
Shale and Lime	3744	3807	
Lime and Shale	3807	3974	
Shale and Lime	3974	4109	
Lime and Shale	4109	4590	
Lime	4590	4641	
RTD	4641		D & A

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

SEARCH DRILLING COMPANY

William J. Froelich, Jr.

Subscribed and sworn to before me this 10th day of September, 1976.

Maxine Dressen Notary Public

My Commission expires:
February 19, 1977

MAXINE DRESSEN
NOTARY PUBLIC
SEDGWICK COUNTY, KAN.