

COMPANY: Crowe Drilling Co., Inc.
CONTRACTOR: Crowe Drilling Co., Inc.

FARM: Hackler No. 1
LOCATION: Lot 2, Sec. 27-26S-7E
Butler County, Kansas

COMMENCED: Sept. 29, 1976
COMPLETED: October 6, 1976

CASING RECORD:
148' of 8 5/8" set w/120 sacks
5 1/2" set at 2785' w/50 sacks

<u>FORMATIONS</u>	<u>DEPTH</u>
Lime and shale	1495'
Shale	1770'
Lansing Lime	1940'
Shale	2074'
Kansas City lime	2292'
Shale and lime	2700'
Shale	2747'
Mississippi	2786'
TOTAL DEPTH	2786'

I hereby certify this to be a true and accurate log of the above described well as shown by the Daily Drilling Reports.

CROWE DRILLING COMPANY, INC.

/s/ L. C. Crowe

Subscribed and sworn to before me this 13th day of January, 1977.

/s/ Enza Dominick
Notary Public

My commission expires June 21, 1978