State Geological Survey WICHITA BRANCH

ramm Kelly "A"

KANSAS DRILLERS LOG

API No. 15-185-20,866 15-185-20866

EDMFANY Warren American Oil Company

NO. 1

*EE. 9 T. 245 M. 12W LOG. C-NE NW NW

COUNTY Stafford

ROTARY TOTAL DEPTH 3,9001 November 14, 1978 comm. November 6, 1978 CONTRACTOR H-30, Inc. (Rig #7)
SERVED November 20, 1978

CASING

8 5/8" Set at 287' cemented w/250 sxs cement ELEVATION 1,882' K.B.

5 1/2" 4 1/2" Set at 3,899' cemented w/100 sxs cement

FIGURES INDICATE SOTTOM OF FORMATIONS

Sand and Shale	180'	F
Shale	295'	E
Shale and Shells	4251	-
Shale, Red Bed and Shells	675'	
Anhydrite	69 5 '	E
Shale and Shells	1,485'	E
Shale and Lime	1,740'	
Lime and Shale	3,900'	
Rotary Total Derth	3,900'	E
		T

I hereby certify the above and foregoing to be a true and correct log of the above described well as shown by the drilling reports.

H-30, Inc.

State of Kansas

County of Sedgwick

Subscribed and Sworn to before me a Notary Public