

GEOLOGISTS REPORT

2-10-19E

James Kimmel 1-88

- June 30, 1988: Stake location.
 July 6, 1988 : On location @ 7:20am, digging and filling pits. Surf. pipe set @ 11:45 am. Left location.
 July 7, 1988: On location @ 2:50pm, bit trip just completed, drlg. @ 1130'.
 July 8, 1988: Released from location @ 11:30am when plug down on long string.

ELEVATION: 1102 G.L. (Topo)

FORMATION TOPS	LOG DEPTH	DATUM	THICKNESS
Base KC	854	+248	140'
Marmaton Gp.	994	+108	96'
Cherokee Gp.	1,090	+12	493'
Coal Marker	1,478	-376	3'
"U. McLouth Sd."	1,527	-425	14'
"M. McLouth Sd."	1,541	-434	15'
"L. McLouth Sd."	1,556	-454	20'
Mississippian Lm.	1,583	-481	-
RTD	1,623		
LTD	1,617		

RECEIVED
STATE CORPORATION COMMISSION

OCT 26 1988

CONSERVATION DIVISION
Wichita, Kansas

Sample returns were examined from a drilled depth of 1450 feet to TD for the presence of visible hydrocarbons. Formation tops and thicknesses were picked from the drilling time log, sample returns and the Neutron-Density Porosity log.

CHEROKEE GROUP:

There were two sand intervals above the McLouth sands which may contain gas. The first interval was from a log depth of 1330 to 1336 feet and the second was found between 1462 and 1468 feet. No samples were caught thru the upper interval. The lower interval was a medium to coarse grained clear to white quartz sand. There was no show of oil or oil staining in the samples from this interval.

Log calculations were prepared for both sands using the values $M=1.8$ and an R_w of .2.