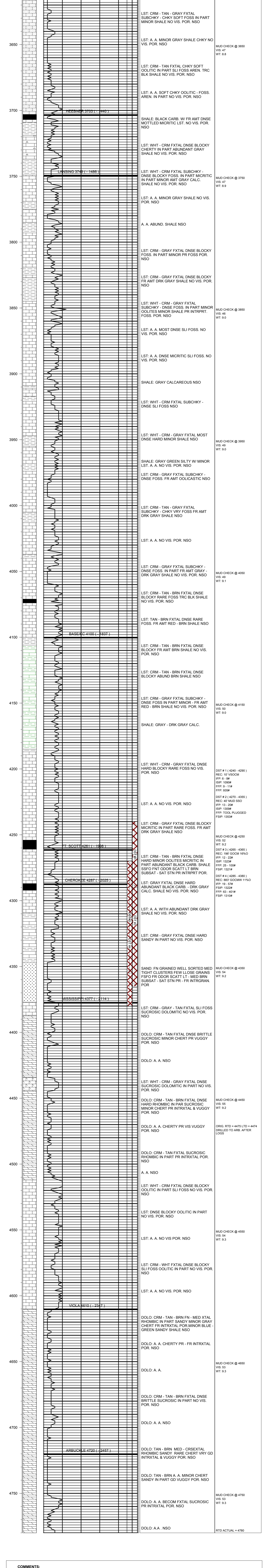


KEVIN L. KESSLER

CONSULTING PETROLEUM GEOLOGIST

(316) 522-7338

OPERATOR : MULL DRILLING CO. INC. LEASE : MARS WELL # : 1 - 4 LOCATION : 1783' FNL & 335' FEL SEC: 04 TWP : 20 S RGE : 23 W COUNTY : NESS STATE : KANSAS		ELEVATION KB : 2263 GL : 2254 MEASUREMENTS FROM KB
CONTRACTOR : DUKE DRILLING RIG # 4 COMM: 08 / 04 / 2010 COMP : 08 / 15 / 2010 RTD : 4780 LOG TD : 4495 SAMPLES SAVED FROM : 3600 TO: RTD GEOLOGICAL SUPERVISION FROM : 3600 TO: RTD MUD UP : 3600 TYPE MUD : CHEMICAL		CASING RECORD SURFACE : 8 5/8 @ 221' PRODUCTION : 5 1/2 @ 4780' ELECTRICAL SURVEYS : DIL CNL / CDL MICRO SONIC
REFERENCE WELL FOR STRUCTURAL COMPARISON : MULL # 1 - 4 MINOR - STUM SEC. 04 - T 20 S - R 23 W NESS COUNTY KANSAS		



COMMENTS:

DUE TO MARGINAL DST RESULTS THIS WELL WAS DRILLED DOWN TO THE ARBUCKLE TO BE USED AS A SWDW

KEVIN L. KESSLER