

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORP LEASE MILLS 'A' #40 FIELD EL DORADO LOCATION 660' FSL 2310' FWL SECTION 22 TOWNSHIP 25S RANGE 05E COUNTY BUTLER STATE KANSAS		ELEVATIONS KB 1346' GL 1340' Measurements Are All From KB API 15-015-23936-00-00	
CONTRACTOR C&G DRLLG, RIG #1 SPUD 04/21/2012 COMP 04/28/2012 RTD 2520' (-1174) LTD 2520' (-1174) LOG-TECH: DIL, CNI/CDL, MICRO		CASING SURFACE 2 1/2" 885# 2 3/8" Int set @ 263' w/150 x Class A, 3% CC PRODUCTION 60 1/2" 541# 15.58" Int set @ 2513' w/125 x Thickset	
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ADMIRE 650 WHITE CLOUD LM WHITE CLOUD SD HEERER DOUGLAS SH ALBAMONT BASELANSING LANSING STARK BASEKANSAS CITY CHECKERBOARD HEPLER SD CHEROKEE SQUIRREL SD ARMORE VIOLA SIMPSON SH SIMPSON SD LTD/RTD	NP 632' (+914) 872' (+467) 882' (+459) 1381' (-15) 1431' (-85) 1481' (-35) 1979' (-353) 1914' (-489) 1989' (-423) 2071' (-725) 2124' (-778) 2207' (-860) 2227' (-881) 2361' (-1000) 2339' (-1020) 2410' (-1054) 2410' (-1054) 2407' (-1146) 2508' (-1161) 2507' (-1161) 2520' (-1174)	621' (+925) 632' (+914) 878' (+465) 887' (+459) 1381' (-15) 1431' (-85) 1481' (-35) 1979' (-353) 1914' (-489) 1989' (-423) 2071' (-725) 2124' (-778) 2207' (-860) 2227' (-881) 2361' (-1000) 2339' (-1020) 2410' (-1054) 2410' (-1054) 2407' (-1146) 2508' (-1161) 2507' (-1161) 2520' (-1174)	04212013: Start drilling catholes @ 12 PM. Surface hole started @ 1:30 PM. TD @ 270' @ 11:30 PM. Run 7' @ 866# 2 3/8" ILS casing. July 10, 2013. @ 290' ILS. Consolidated cement cemented w/100 psi. Class A, 3% CC. Consolidate cement. Plug 200m @ 1 AM. @ 270' @ 7 AM. Repair mud pump engine. Drill out under surface @ 2 PM. 04242012: DRLO @ 984' @ 7 AM. 04252012: DRLO @ 1709' @ 7 AM. 04252012: DRLO @ 2160' @ 7 AM. 04252012: DRLO @ 2389' @ 7 AM. MW @ 2. VLS 38, WL 8, LCM 2#, CI 800. Short tip for Viola DST #1. 04272012: RTD 2520' @ 7 AM. Running 2520' (-1174) w/ 15.58" ILS. 2520' (-1174) Run open hole logs. 04282012: Run 60 1/2" 541# 15.58" ILS. Plug head @ 2513' w/ 125 x Thickset. 1st @ 2513' w/ 125 x Thickset. Land plug @ 1550' psi. Plug held.

REMARKS:
 Respectfully submitted,
 Roger L. Martin, Geologist (W/State)

