

**GEOLOGIST'S REPORT**  
DRILLING TIME AND SAMPLE LOG

<b>COMPANY</b> VESS OIL CORPORATION <b>LEASE</b> KOOGLER 'A' #301 <b>FIELD</b> EL DORADO <b>LOCATION</b> 660' FNL 1025' FWL <b>SECTION 19</b> <b>TOWNSHIP 26S</b> <b>RANGE 05E</b> <b>COUNTY BUTLER</b> <b>STATE KANSAS</b>		<b>ELEVATIONS</b> <b>KB 1348'</b> <b>GL 1342'</b> <b>Measurements Are All From KB</b> <b>API 15-015-23891-0000</b>	
<b>CONTRACTOR</b> C&G DRLG RIG #1 <b>SPUD</b> 04/20/11 <b>COMP</b> 04/27/11 <b>RTD</b> 2590' (-1242) <b>LTD</b> 2590' (-1242) <b>LOGTECH: DIL</b> <b>ELECTRICAL SURVEYS</b> <b>CNL/CDL, MEL</b>		<b>CASING</b> <b>SURFACE</b> 270' 8-5/8" 23#/FT LS <b>SET @ 267' KB</b> <b>PRODUCTION</b> 65 Jts 5-1/2" 15.5#/FT <b>J-55 SET @ 2589' KB.</b>	

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
OREAD	1431' (-83)	1430' (-82)	04/19/11: MRLU Drill batch 04/20/11: Spud 12-1/4" @ 8:00 AM TD 12-1/4" hole @ 270' @ 7:30 PM. Set 260' of 8-5/8" 23#WLS casing, set @ 267' KB CONCRETE: 100 SX Class A, 3% CC Done @ 9:00 PM 04/21/11: Dig @ 345' Drill under surface @ 5 AM 04/22/11: Dig @ 1305' SH @ 10:30 = 114 deg 04/23/11: Dig @ 1965' MW 9.2, VIS 36, Lch 2 04/24/11: Bit trip @ 2382' MW 9.3, VIS 45, WL 9.8, LCM 3 04/25/11: Running DST #1 2479-2559, MW 9.8, VIS 51, W, 9.6, LCM 3# 04/26/11: 2680 TD Running DST #2 2572-2590 11 AM Running Logs. Start casing in hole @ 6 PM on Tuesday. Sat 65 jts 5-1/2" 15.5#/ft J-55 (Boomerang USA) casing-2594 ft. Fibat shoe-1300'. Total 2595 ft. Tag bottom @ 2597' Pick up 1'. Set float shoe @ 2589' KB. Circulate and rotate for 45 minutes. 6 centralizers, 2 baskets. Consolidated Services: 500 gallon mud flush, 125 SX Thinsol, 50# Gypseat-good circ. Displace plug 5-8 BPM. Caught pressure @ 33 bbls. lift pressure to 700#. Land plug @ 1300' @ 9:20 PM 04/25/11 Release. It held. (by Casey Coats, Engineer, VCC)

**REMARKS:**  
E-log tops by Paul Ramonetta, Geologist (VOC)

