

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

COMPANY <u>VESS OIL CORP</u>		ELEVATIONS	
LEASE <u>TRICO WEST #3-5</u>		KB <u>2114'</u>	GL <u>2109'</u>
FIELD <u>TRICO</u>		Measurements Are All From <u>KB</u>	
LOCATION <u>1000' FNL 2270' FWL</u>		API <u>15-163-24057-00-00</u>	
SECTION <u>31</u> TOWNSHIP <u>10S</u> RANGE <u>20W</u>			
COUNTY <u>ROOKS</u> STATE <u>KANSAS</u>			
CONTRACTOR <u>L.D. DRILLING, RIG #1</u>		CASING	
SPUD <u>08/11/2012</u> COMP <u>08/22/2012</u>		SURFACE <u>5 jts 8x5/8" surf csg,</u>	
RTD <u>3766' (-1652)</u> LTD <u>3765' (-1651)</u>		set @ <u>220' w/160 ss</u>	
ELECTRICAL SURVEYS PIONEER ENERGY SERVICES: DIL, CNL/CDL, MEL		PRODUCTION <u>91 jts 5x1/2" new J-55</u> set @ <u>3765' w/170 ss</u>	

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
ANHYDRITE	1568' (+546)	1578' (+536)	08/11/2012: MIRU, SPUD 12x1/4" hole, Ran 5 jts 23" w/160 ss surface casing, Tally 212.39', set @ 220' w/160 ss common, 3% co, 2% gel, Cement did
TOPEKA	3139' (-1021)	3138' (-1022)	08/12/2012: MDC @ 7 AM, Drilled plug @ 9 AM, circulate (Allied), Plug down 12 AM 08/12/2012
TOPEKA POROSITY	3161' (-1047)	3162' (-1048)	08/13/2012: DTD @ 1620'
HEEBNER	3339' (-1225)	3340' (-1226)	08/14/2012: Drg @ 2695'
TORONTO	3362' (-1248)	3363' (-1249)	08/15/2012: DTD 3175' Short trip for DST #1.
LANSING	3377' (-1263)	3380' (-1266)	08/16/2012: Drg @ 3300', Ran DST #2.
MUNCIE CREEK SH	3499' (-1384)	3499' (-1385)	08/18/2012: Drg @ 3520', Ran DST #3.
STARK SH	3559' (-1444)	3567' (-1453)	08/19/2012: Drg @ 3607', Ran DST #4.
BASE KANSAS CITY	3601' (-1487)	3603' (-1489)	08/20/2012: DTD 3708', Ran DST #5.
ARBUCKLE (EROS)	3700' (-1588)	3700' (-1588)	08/21/2012: DTD 3719', Ran DST #6.
ARBUCKLE (SOLID)	3711' (-1597)	-	08/22/2012: Drilled to RTD 3765' RU Pioneer & ran E-log; TH & conditioned, no fill, Circ 1.5 hr, LDDP - Ran 0.5, 9T 5x1/2" 15' #F New J-55.
RTD/LTD	3765' (-1651)	3768' (-1652)	Maxwell Rig 5 L&L csg, tagged btm @ 3765' picked up 1', Circ & rotated 1 hr. Set 5x1/2" @ 3765' w/500 gal WFR2 mud flush & 170 ss ASC cmt w/10% NaCl, 2% gel, 5#/sk gilsonite, 1/4#/sk Floccate & defoamer. Displaced plug, Gd lift pressure throughout. Rotated to within 10' bbl of displacement. Stayed full PC @ 1694' Ran B centralizers, 3 baselets & 6 soratohes. Shoe joint 44.24' w/S: Latch down barite @ 3721'. Rat hole plugged w/30 ss.

REMARKS:  
\*E-Log tops by P. Ramondetta, Geologist, VDC  
Respectfully submitted  
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