

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY VESS OIL CORPORATION LEASE WILSON 'A' #446 FIELD EL DORADO LOCATION 330' FNL & 3225' FEL SECTION 8 TOWNSHIP 25S RANGE 05E COUNTY BUTLER STATE KANSAS		ELEVATIONS KB 1395' GL 1389' Measurements Are All From KB API 15-015-23960	
CONTRACTOR C&G Drilling, Rig 31 SPUD 11/10/2012 COMP 11/14/2012 RTD 2447' LTD 2447' Pioneer Energy Services: DIL, CNL/COL, MEL		CASING SURFACE 6 Its 845/8" 23#/ft set @ 261' KB w/150' 3" Class A, 3% cc. PRODUCTION 56 Its 541/2" 15.5#/ft Pkr Shoe set @ 2437.5' w/150' sx ThkCkset	

FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
Admiral 567	NP	NP	11/09/2012: MRU C&G Drilling, Rig #1 Drill tathole
Admiral 567	NP	NP	
Burlingame	841 (+555)	841 (+555)	11/10/2012: SPUD 1261/4" hole @ 7 AM; To 1261/4"
White Cloud Lm	928 (+581)	928 (+581)	hole @ 294' @ 3 PM; Run @ 16:00; 23#/ft casing
White Cloud Sd	949 (+595)	949 (+595)	Tally @ 252' Set @ 281' K9 Consolidated Cement w/
Lead	1028 (+653)	1028 (+653)	150 gals @ 3% cc. C10 cement. Plus 800m
Lead	1049 (+677)	1049 (+677)	8% CEM
Headbar	1429 (+88)	1449 (+95)	
Douglas	1429 (+88)	1429 (+88)	11/11/2012: DBL @ 236'; Drill under surface @
Douglas Sd	NP	NP	11 AM. Use PDC bit
Lansing	1718 (+323)	1718 (+323)	11/12/2012: Bit tip @ 1959'; Change to 1600'
BaseLansing	1992 (+597)	1992 (+597)	bit. Lost circulation @ 1953' Mud up @ 1600'
BaseLansing	2095 (+690)	2095 (+690)	MW 9.4, VIS 39, WL 10.2, LCM 3#
Base/Kansas City	2192 (+782)	2192 (+782)	
Checkboard	2232 (+827)	2232 (+827)	11/13/2012: Dtg @ 2360'. MW 9.3, VIS 39,
Hepler Sand	NP	NP	MW 9.2, LCM 2#, Start Cto @ 253'
Altamont	2279 (+883)	2279 (+883)	
Cherokee	2359 (+963)	2359 (+963)	11/14/2012: Run LCM #1; Running Open hole log
Ardenne	2419 (+1018)	2419 (+1018)	R10 2447' LTD 2447'; Run 96' @ 541/2" 15.5#/ft
Viola	2437 (+1036)	2437 (+1036)	245' Casing = 2427' 31'; Plug Packer shoe = 2' 50';
RYDOLD	2447 (+1055)	2447 (+1055)	Total = 2469' STN; C to @ 2447'; plug on 9'
			Packer shoe @ 2437.5' 15B. Cto hnd for 30 min, drop
			steel ball, set packer @ 250' gals. Cto hnd for 30 min,
			consolidated mic & pump 250' gals mud flush, 125 pc
			Thicket LHM Pressure to 800 psi. Land Plug @
			1400 psi @ 5:00 PM 11/14/2012.

REMARKS:
 ** E-Log tops by P. Ramonetta, Geologist, VOC
 Respectfully submitted,
 Roger L. Martin, Geologist (WV/IL/IN)

