

ROGER L. MARTIN

INDEPENDENT PETROLEUM GEOLOGIST 316-250-6970

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY	VESS OIL CORPORATION	ELEVATIONS	
LEASE	HESS 'A' #32	KB 1354' GL 1348'	
FIELD	EL DORADO	Measurements Are All	
LOCATION	330' FWL 2590' FNL	From KB	
SECTION	18	API 15-015-23893	
TOWNSHIP	26S		
RANGE	05E		
COUNTY	BUTLER		
STATE	KANSAS		
CONTRACTOR	C & G DRLG RIG #1	CASING	
SPUD	04/11/2011	SURFACE 250' 8-5/8" 23#/FT	
RTD	2610' (-1256)	LS csg set @ 258' KB	
LTD	2612' (-1258)	PRODUCTION 60 jts 1/2" 15.5#/FT	
LOGTECH: DIL		J-55 set @ 2609'	
CDL/CNL, MEL			
FORMATION TOPS	LOG	SAMPLES	CHRONOLOGY
OREAD	1427' (-73)	1424' (-70)	04/08/11- MIRU.
HEEBNER SH	1428' (-70)	1428' (-70)	04/11/11- Spud, rathole @ 8:00 AM. Spud 12-1/4"
DOUGLAS SH	1429' (-70)	1429' (-70)	04/11/11- Set 12-1/4" hole @ 265'. 250' of
LANSING	1430' (-144)	1430' (-144)	5-50' 32#HLS casing set @ 258' KB.
KANSAS CITY	1768' (-411)	1764' (-410)	CONSOLIDATED: 150' x Class A 3% CC. Done @
STARK SH	2046' (-582)	2044' (-580)	8:50 PM. Cement circ.
BASE KANSAS CITY	2152' (-788)	2150' (-786)	04/12/11- 7:AM. Drill under surf @ 5 AM.
VIOLA	2229' (-875)	2228' (-872)	04/13/11- Drilg @ 1315'. Start samples @ 1400'.
SIMPSON SH	2284' (-930)	2284' (-930)	SHS @ 1000' = 1/4 deg.
RED ROCK	2320' (-1080)	2320' (-1080)	04/18/11- 2610' Finish Logs. Run casing.
ALTAMONT	2330' (-978)	2329' (-974)	MW 9.3, VIS 37.2, 2.1%
CHEROKEE	2412' (-1058)	2411' (-1057)	04/15/11- Drill @ 2527'. 7:30 AM Circ @ 2530'.
ARDMORE	2479' (-1125)	2478' (-1124)	04/16/11- Circ @ 2559'.
VIOLA	2542' (-1188) eros	2542' (-1188) eros	04/17/11- TD @ 2550' @ 5:30 AM. Trip for DST #3
SIMPSON SH	NP	NP	MW 9.4, VIS 49, LCM 2.5
RED ROCK	2546' (-1192)	2544' (-1190)	04/18/11- 2610' Finish Logs. Run casing.
BASEAL SIMPSON	2576' (-1222)	2575' (-1221)	Set 60' Jts 5-1/2" 15.5#/ft J-55 (Boomerang USA) casing-
ARBUCKLE	2607' (-1243)	2606' (-1241)	2630' 31". Flat hat shoe - 1.20". Total: 2631.81'. Tag btm
LTD/RTD	2612' (-1258)	2610' (-1256)	@ 2610', plug up 1'. set float shoe @ 2509' KB. Circ for
			45 min. 6 centralizers, 2 basket. Consolidated
			Services: 500 gal mud flush, 125 sq ft thickset, 6#sk
			gypseal-good grc. Displace plug: 8:45 PM. Caught
			pressure @ 24 sbt. Lift pressure to 800#. Land plug
			10:00 PM. 100' 30# Ann 1/8" release. It held.
			(By Casey Clegg, Engr., VOC)

REMARKS:	E-LOG FORMATION TOPS BY PAUL RAMONDETTO, GEOLOGIST, VOC.
RESPECTFULLY SUBMITTED,	ROGER L. MARTIN, GEOLOGIST (WELL SITE)

