

ROTARY SIDEWALL CORE ANALYSIS



MARBOB ENERGY CORPORATION
SHOWSTOPPER 7 FEDERAL COM. NO. 1H
EDDY COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-015-36559
FIELD : Willow Lake Bone Spring
LOCATION: 330' FNL, 480' FEL,

FILE NO. : MD-44314
DATE : July 21, 2009
ANALYSTS : WH, SB, JR

Section 7, T-25-S, R-29-E

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE %	LITHOLOGY
					Sw	So			
1	5082.0	2.64	13.4	1.975	32.2	16.1	291	90	Br t yl-gld Ss opaq-tn-gy vf-fgr sbrnd-sbang ssly
2	5459.0	2.64	11.7	2.364	29.8	15.4	19	0	DI mf Ss opaq-gy vf-fgr sbrnd-sbang ssly
3	6239.0	2.65	11.1	0.113	32.7	14.6	333	90	DI yl-bl-wht Ss opaq-tn-gy vf-fgr sbrnd-sbang mod-ssly
4	6316.0	2.65	11.8	0.224	28.4	13.5	357	90	DI yl-bl-wht Ss opaq-tn-gy vf-fgr sbrnd-sbang mod-ssly
5	6377.0	2.63	13.5	1.414	33.2	13.6	255	90	DI yl-bl-wht Ss opaq-tn-gy vf-fgr sbrnd-sbang mod-ssly sc slty intrbd
6	6866.0	2.54	6.9	<.0001	24.6	0.0	698	0	Sh dk gy-blk slty scalc lrg pyr lam
7	6867.0	2.63	4.2	<.0001	21.9	0.0	678	0	Sh dk gy-blk slty calc
8	6946.0	2.62	5.4	<.0001	59.0	0.0	701	0	Sh dk gy-blk slty
9	6947.0	2.56	6.8	<.0001	56.9	0.0	710	0	Sh dk gy-blk slty tr pyr
10	7002.0	2.59	6.0	<.0001	53.9	0.0	707	0	Sh dk gy-blk slty tr pyr
11	7003.0	2.54	6.4	<.0001	55.9	0.0	712	0	Sh dk gy-blk slty tr pyr
12	7094.0	2.51	4.2	<.0001	33.5	0.0	715	0	Sh dk gy-blk slty tr pyr
13	7095.0	2.46	6.4	<.0001	35.2	0.0	712	0	Sh dk gy-blk slty calc fd frac tr pyr
14	7150.0	2.48	6.3	<.0001	54.8	0.0	715	0	Sh dk gy-blk slty
15	7151.0	2.44	7.1	<.0001	43.2	0.0	717	0	Sh dk gy-blk slty tr pyr
16	7222.0	2.44	5.1	<.0001	42.1	0.0	712	0	Sh dk gy-blk slty calc fd frac
17	7223.0	2.49	6.0	0.010	39.1	0.0	720	0	Sh dk gy-blk slty calc fd frac
18	7537.0	2.68	7.3	0.004	29.9	9.0	570	90	Fnt yl Ss opaq-brn-gy vfgr sbrnd-sbang ssly
19	8158.0	2.66	8.8	0.001	49.2	6.8	473	90	DI yl-gld Ss opaq-brn-gy vf-fgr sbrnd-sbang ssly

Avalon
Shale