

MARBOB ENERGY CORPORATION
BASASHI FEDERAL NO. 1
EDDY COUNTY, NEW MEXICO

A.P.I. NUMBER : 30-015-36675
FIELD : Cotton Draw ; Morrow
LOCATION: 1980' FNL, 1980' FWL,
Section 5, T-26-S, R-26-E

FILE NO. : MD-43448
DATE : April 28, 2009
ANALYSTS : WH, SB, PK, JR

DEAN STARK EXTRACTION

SAMPLE NO.	DEPTH ft	GRAIN DENSITY	POR %	PERM mD	SATURATIONS		GAS UNITS	FLUORESCENCE %	LITHOLOGY
					Sw	So			
1	4731.0	2.63	15.6	29.950	44.3	17.6	236	90	Yl-grn
2	4880.0	2.64	11.7	0.068	45.0	13.2	141	60	DI yl-grn
3	5004.0	2.62	15.1	1.660	56.7	0.0	64	0	Mf
4	5066.0	2.63	11.9	0.060	36.2	15.3	139	80	Fnt yl-wht
5	5145.0	2.63	14.1	0.096	60.3	0.0	28	0	DI mf
6	5213.0	2.63	11.4	0.028	46.5	0.0	489	0	Ss opaq-gy vf-fgr sbrnd-sbang mod-ssly
7	5372.0	2.49	1.6	<.001	63.3	0.0	52	0	Sh dk gy-blk ssly tr foss tr pyr
8	5481.0	2.47	4.5	<.001	36.0	0.0	652	0	Sh dk gy-blk ssly tr foss fd frac
9	5539.0	2.49	7.2	<.001	76.2	0.0	435	0	Sh brn-dk brn ssly ssdy scalc
10	5624.0	2.53	5.3	<.001	38.3	0.0	669	0	Sh dk gy-blk ssly tr pyr
11	5625.0	2.54	8.4	<.001	27.1	0.0	671	0	Sh dk gy-blk ssly sc pyr
12	5673.0	2.48	10.5	tbfa	32.2	0.0	685	0	Sh dk gy-blk ssly frac
13	9516.0	2.62	7.3	0.009	46.2	0.0	693	0	Sh dk gy-blk ssly tr foss scalc slty lam
14	10319.0	2.69	9.8	tbfa	35.3	0.0	696	0	Sh dk gy-blk ssly ss incl frac
15	10411.0	2.67	7.8	tbfa	47.9	0.0	704	0	Sh dk gy-blk ssly
16	10412.0	2.66	8.4	0.003	46.8	0.0	703	0	Sh dk gy-blk ssly
17	12340.0	2.68	2.8	tbfa	56.9	0.0	703	0	Sh dk gy-blk ssly sc foss scalc frac
18	12449.0	2.70	4.7	0.007	66.2	0.0	706	0	Sh dk gy-blk ssly sc foss scalc sc pyr
19	12450.0	2.67	5.1	<.001	61.8	0.0	708	0	Sh dk gy-blk ssly sc foss scalc sc pyr

*Avalon
Shale*