

Brara Geologic Consulting

Mudloggers:

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Daily Report:

5/29/2011

Company:

KGH

Company Man:

JOHN TIETEMA

Well:

**Meagher 10-1H
Sidetracked****RIG:**

L&W Rig 1

Surface Location:	2436' FSL 910' FEL Sec 10 T1S R104W	
	MD	TVD
Kick Off Pt	5193	5193
Landing Pt	5863.5	5670
Ground Elevation:	6,387	
KB:	6,399 (12ft KB)	
Today's Depth:	10323	ft 06:00
Yesterday's Depth:	9963	ft 06:00
Drilled in 24 hours:	360	ft

Formation.	Prog TVD	MD	TVD	SS	High/-Low
Main Coal	3452			-	-
Lower Sego	3846	3864	3863.5	2,536	-18
Buck Tongue	4147	4162	4161.5	2,238	-15
Castlegate	4324	4374	4373.5	2,025	-50
Mancos A	5295	5332	5322	1,077	-27
Manco B	5491	5575	5524	875	-33
Turbo Zone	5591	5760	5624	775	-33
TD					

ACTIVITY AND REMARKS:

Currently crew is tripping out to laydown directional and run back in for a reaming run.

CURRENT LITHOLOGY:

95% Shale, 5% Siltstone.Ss mix.

SHOWS/Intervals of Interest

Interval	(min/ft)	Gas	LITHOLOGY/Notes
7220	7400	2987	cleanest interval within turb zone
7700	8050	3300	Formation gas while drilling cleanest part of Turb Zone again.

MUD GAS:**SURVEYS:**

Type	Units	Comments	MD	INC	AZI	TVD
Background Gas	100-150		9474	91.2	70	5572.68
Connection Gas	178-1100		9570	90.8	70.7	5571
Formation Gas	400	gas dropping below 200 U at 10250	9665	91.4	70.6	5569.18
Trip Gas			9761	91.3	70.4	5566.92
Down-time Gas			9856	91.4	70.1	5564.68
MUD PARAMETERS:			9952	91	68.2	5562.67
			10047	89.6	68.2	5562.17
			10142	89.2	68.6	5563.17
			10238	89.1	68.4	5564.59
			10270	88.4	67.8	5565.29
Depth	WT	VIS	Yield pt	Solids	FL	Cl
9710	9.3	42	15.0	4.5	5.2	600.0
10167	9.5	44	13.0	5.6	5.6	700.0
8509	9.3	40	11.0	4.4	5.2	700.0

DRILLING BITS:

#	Make	TYPE	SIZE	IN	OUT	FOOTAGE	HOURS	Jets	Motor	° Bend
#2:	REED	E1100	8 3/4	1030	5142	4112	91.8	6x16	XL 1000	1.5
#3	R22AP	tricone	8 3/4	4823	5400	550	38.17	3x18	XL1000	2
#4	REED	E1100	8 3/4	5400	5991	591	27.42	6x16	XL 1000	2.375
#5	HYCALOG	DSR613	6 1/8	5991	5991	0	3.25	3x18	XL 1000	1.5
#6	HYCALOG	DSR613	6 1/8	5991	8509	2518	89.12	3x18	DL1000	1.5
#7	HYCALOG	DSR614	6 1/8	8509	10323	1814		3x18	DL1001	1.5