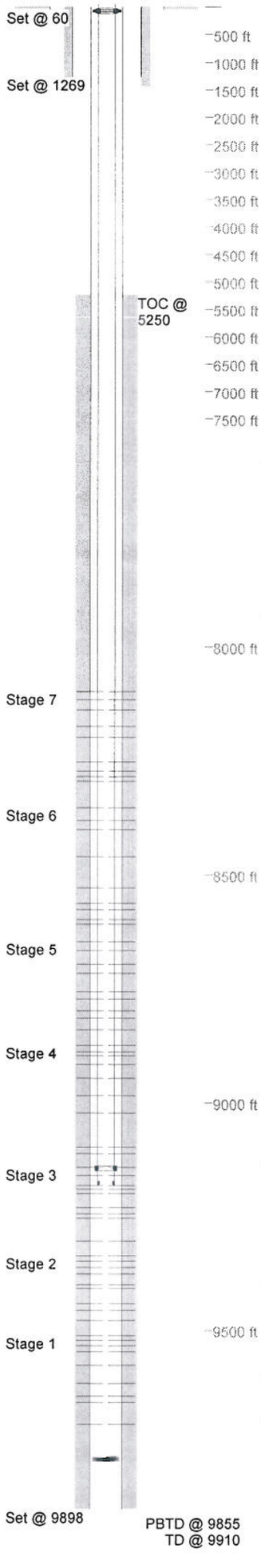
Downhole Schematic for GMR 8-12B (K8W)

ENCANA

Project : South Piceance | API # : 05045191440000 | Surface Location : NESW Sec 8 T7S - R93W 6th PM

Area : Mamm Creek | County : GARFIELD | BHL : NWSW-8-7S-93 W 6th PM

As Of : 07/13/2011 | GL : 7826.0 ft | KB to GL : 30.5 ft | KB : 7856.5 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	16	42	60	60		A52A	Joint
Surface	12.250	9.625	36	1,269	2	LT&C	J55	Float Shoe
		9.625	36	1,267	44	LT&C	J55	Casing
			0	1,223	0			Insert
		9.625	36	1,223	1,187	LT&C	J55	Casing
		9.625	36	36	3	LT&C	J55	Pup
		11	0	33	1			Well Head
			0	32	31			Landing Joint
Production	8.750	4.5	11.6	9,898	1	LT&C	8rd	FLOAT SHOE
		4.5	11.6	9,897	41	LT&C	E-80	CASING
		4.5	11.6	9,855	1	LT&C		FLOAT COLLAR
		4.5	11.6	9,854	1,029	LT&C	E-80	CASING
		4.5	11.6	8,825	23	LT&C	E-80	MARKER JT
		4.5	11.6	8,803	987	LT&C	E80	CASING
		4.5	11.6	7,816	23	LT&C	E-80	MARKER
		4.5	11.6	7,816	6,295	LT&C	E-80	CASING
		4.5	11.6	1,498	1,463	LT&C	P110	CASING
		4.5	11.6	35	3	LT&C	P110	CSG PUP
		4.5	0	32	1			MANDREL
			0	31	31			RKB - Wellhead

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	12.5 Surface Lead / G(D907)+2%D79+0.2%D46+0.3% D29
	Tail	1,157	15.8	15.8 Class G / D907+1.25%S001+0.2%DO46+0.25ppsD29
Production	Scavenger	5,250	8.3	CW-100 / 5.5 lb/bbl D182
	Lead	5,651	12.0	TXI / 1.0% D079 + 0.85% D013 + 0.5% D046 + 0.25 lb/sx D029
	Tail	7,922	13.0	TXI / 3.0% D020 + 0.2% D112 + 0.45% D013 + 0.5% D046 + 0.25 lb/sx D029
Conductor	Fill	0	0.0	40 yards redi mix /

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	28.50	28.50	KBTH - 2.00
4.010	0.84	29.34	4 1/16" Woodgroup 10 K HGR
2.594	0.67	30.01	2 3/8" Saver sub
2.375	9,108.59	9,138.60	285 jts 2 3/8" L-80 4.7# EUE
3.063	0.97	9,139.57	F-Nipple 1.810
2.375	32.90	9,172.47	1 jt 2 3/8" L-80 4.7# EUE
2.375	0.92	9,173.39	1/2 POBS
3.750	1.18	9,780.00	1/2 POBS & 3 3/4" Hurricane bit

Perforations

Stage	Date	From	To	Shots
1	06/13/2011	9,708	9,709	3
		9,660	9,661	3
		9,646	9,647	3
		9,618	9,619	3
		9,578	9,579	3
		9,548	9,549	3
		9,534	9,535	3
		9,522	9,523	3
		9,512	9,513	3
2	06/16/2011	9,478	9,479	3
		9,456	9,457	3
		9,442	9,443	3
		9,408	9,409	3
		9,400	9,401	3
		9,376	9,377	3
		9,362	9,363	3
		9,348	9,349	3
		9,336	9,337	3
3	06/17/2011	9,304	9,305	3
		9,254	9,255	3
		9,244	9,245	3
		9,230	9,231	3
		9,200	9,201	3
		9,190	9,191	3
		9,182	9,183	3
		9,160	9,161	3
		9,142	9,143	3
4	06/21/2011	9,112	9,113	3
		9,098	9,099	3
		9,022	9,023	3
		8,984	8,985	3
		8,946	8,947	3
		8,916	8,917	3
		8,896	8,897	3
		8,888	8,889	3
		8,874	8,875	3
5	06/22/2011	8,840	8,841	3
		8,814	8,815	3
		8,798	8,799	3
		8,772	8,773	3
		8,756	8,757	3
		8,716	8,717	3
		8,696	8,697	3
		8,666	8,667	3
		8,646	8,647	3
6	06/23/2011	8,608	8,609	3
		8,598	8,599	3
		8,576	8,577	3
		8,562	8,563	3
		8,528	8,529	3
		8,460	8,461	3
		8,400	8,401	3
		8,380	8,381	3
		8,352	8,353	3
7	06/25/2011	8,294	8,295	3
		8,284	8,285	3
		8,272	8,273	3
		8,252	8,253	3
		8,198	8,199	3
		8,174	8,175	3
		8,138	8,139	3
		8,116	8,117	3
		8,098	8,099	3

Frac Summary

Stage 1 : 9,512 - 9,709, 10461 bbls of Slickwater, 73000 lbs of 20-40 Sand Report Date: 06/16/2011
Stage 2 : 9,336 - 9,479, 12824 bbls of Slickwater, 90000 lbs of 20-40 Sand Report Date: 06/17/2011
Stage 3 : 9,142 - 9,305, 13222 bbls of Slickwater, 92900 lbs of 20-40 Sand Report Date: 06/20/2011
Stage 4 : 8,874 - 9,113, 12147 bbls of Slickwater, 86000 lbs of 20-40 Sand Report Date: 06/21/2011
Stage 5 : 8,646 - 8,841, 11296 bbls of Slickwater, 79300 lbs of 20-40 Sand Report Date: 06/22/2011
Stage 6 : 8,352 - 8,609, 27 - 0.340" shots, 13775 bbls of Slickwater, 95055 lbs of 20-40 Sand Report Date: 06/22/2011
Stage 7 : 8,098 - 8,295, 24691 bbls of Slickwater, 174100 lbs of 20-40 Sand Report Date: 06/26/2011

Bridge Plug Details

Depth	Date Set	Plug Type	Sacks Cement
7,970.0	07/11/2011	CBP	0

CBP at 7,970.0 drilled out 07/11/2011

Comments

SIBP 0 psi 7/11/2011
SIBP 8 psi 7/13/2011