

Downhole Schematic for GMR 8-12C2 (K8W)



Project : South Piceance

API # : 05045191480000

Surface Location : NESW Sec 8 T7S - R93W 6th PM

Area : Mamm Creek

County : GARFIELD

BHL : NWSW-8-7S-93 W 6th PM

As Of : 07/17/2011

GL : 7826.0 ft

KB to GL : 30.5 ft

KB : 7856.5 ft

Set @	Casing Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
60	Conductor	26.000	16	42	60	60		A52A	Joint
1000	Surface	12.250	9.625	36	1,266	2	LT&C	J55	Float Shoe
1500			9.625	36	1,265	44	LT&C	J55	Casing
2000			9.625	0	1,220	0			Insert
2500			11	36	1,220	1,184	LT&C	J55	Casing
3000	Production	7.875	4.5	36	36	2	LT&C	J55	Pup
3500			4.5	0	34	3			Well Head
4000			4.5	0	30	31			Landing Joint
4500			4.5	11.6	10,064	1	Butt	L-80	Float Shoe
5000			4.5	11.6	10,063	42	Butt	M-80	Shoe Joint
5500			4.5	11.6	10,020	1	Butt	L-80	Float Collar
6000			4.5	11.6	10,019	1,213	Butt	M-80	Prod. csg
6500			4.5	11.6	8,806	23	Butt	M-80	Pup Jnt
7000			4.5	11.6	8,783	963	Butt	M-80	Prod. csg
7500			4.5	11.6	7,820	23	Butt	M-80	Pup Jnt
8000			4.5	11.6	7,797	7,804	Butt	M-80	Prod. csg

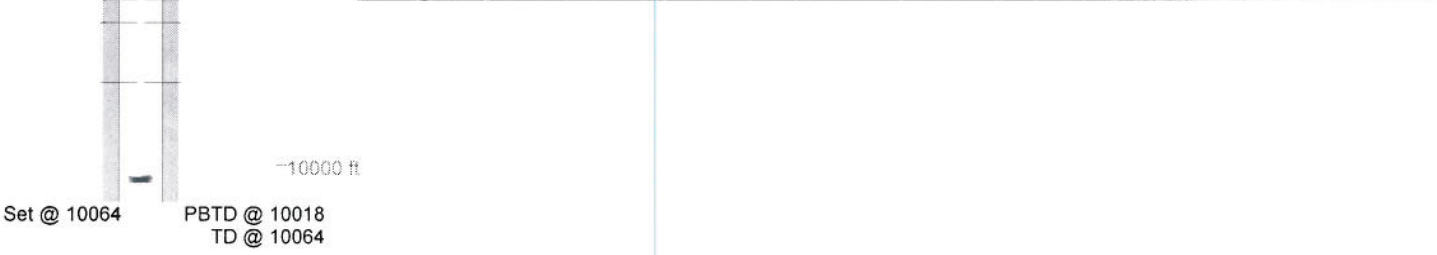
Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	12.5 Surface Lead / G(D907)+2%D79+0.2%D46+0.3% D29
	Tail	1,157	15.8	15.8 Class G / D907+1.25%S001+0.2%DO46+0.25ppsD29
Production	Scavenger	4,876	8.3	CW 100 / 0.5 gal/bbl D122a + 0.25 gal/bbl J237A
	Scavenger	4,923	8.3	H20 / N/A
	Lead	5,105	12.0	TXI LS / 0.5% D046 + 0.95% D013 + 1.0% D079 + 75 lb/sx D049 + 0.25 lb/sx D029
	Tail	7,976	13.0	TXI HMS / 3.0% D020 + 0.2% D112 + 0.4% D013 + 75 lb/sx D049 + 0.25 lb/sx D029 + 0.5% D046
Conductor	Fill	0	0.0	4 yards redi mix /

O.D.	Length	Depth	Description
0.000	28.50	28.50	KBTH - 2.00
4.010	0.87	29.37	4 1/16' Woodgroup 10 K hgr
2.594	0.67	30.04	Saver Sub
2.375	9,201.05	9,231.09	281 jts 2 3/8" L-80 4.7# EUE
3.063	0.97	9,232.06	F-Nipple 1.810
2.375	32.92	9,264.98	1 jt 2 3/8" L-80 4.7# EUE
3.063	0.92	9,265.90	1/2 POBS
2.500	1.21	10,018.00	1/2 POBS & 3 3/4" Hurricane bit

Stage	Date	From	To	Shots
Stage 7	06/13/2011	9,858	9,859	3
		9,756	9,757	3
		9,716	9,717	3
		9,690	9,691	3
		9,658	9,659	3
		9,604	9,605	3
		9,548	9,549	3
Stage 6	06/28/2011	9,520	9,521	3
		9,454	9,455	3
		9,424	9,425	3
		9,402	9,403	3
		9,390	9,391	3
		9,374	9,375	3
		9,344	9,345	3
Stage 5	07/01/2011	9,328	9,329	3
		9,298	9,299	3
		9,254	9,255	3
		9,242	9,243	3
		8,434	8,435	3
		8,396	8,397	3
		8,376	8,377	3
Stage 4	07/02/2011	9,172	9,173	3
		9,156	9,157	3
		9,134	9,135	3
		9,110	9,111	3
		9,088	9,089	3
		9,046	9,047	3
		9,010	9,011	3
Stage 3	06/30/2011	8,996	8,997	3
		8,962	8,963	3
		8,950	8,951	3
		8,924	8,925	3
		8,898	8,899	3
		8,210	8,211	3
		8,150	8,151	3
Stage 2	07/03/2011	8,128	8,129	3
		8,110	8,111	3
		8,092	8,093	3
		8,346	8,347	3
		8,292	8,293	3
		8,258	8,259	3
		8,238	8,239	3
Stage 1	07/03/2011	8,210	8,211	3
		8,150	8,151	3
		8,128	8,129	3
		8,110	8,111	3
		8,092	8,093	3
		8,346	8,347	3
		8,278	8,279	3

Frac Summary
 Stage 1 : 9,454 - 9,859, 27 - 0.340" shots, 19983 bbbls of Slickwater, 141000 lbs of 20-40 Sand Report Date: 06/28/2011
 Stage 2 : 9,242 - 9,425, 27 - 0.340" shots, 15464 bbbls of Slickwater, 111000 lbs of 20-40 Sand Report Date: 06/29/2011
 Stage 3 : 8,996 - 9,213, 27 - 0.340" shots, 15563 bbbls of Slickwater, 110000 lbs of 20-40 Sand Report Date: 06/29/2011
 Stage 4 : 8,800 - 8,963, 27 - 0.340" shots, 14730 bbbls of Slickwater, 106000 lbs of 20-40 Sand Report Date: 06/30/2011
 Stage 5 : 8,584 - 8,771, 27 - 0.340" shots, 8793 bbbls of Slickwater, 64000 lbs of 20-40 Sand Report Date: 07/01/2011
 Stage 6 : 8,346 - 8,537, 27 - 0.340" shots, 17168 bbbls of Slickwater, 121000 lbs of 20-40 Sand Report Date: 07/02/2011
 Stage 7 : 8,092 - 8,379, 27 - 0.340" shots, 22593 bbbls of Slickwater, 158680 lbs of 20-40 Sand Report Date: 07/03/2011

Comments
 SIBP @ 0 psi, 7/17/2011



PBTD @ 10018
 TD @ 10064