

Downhole Schematic for GMR 8-6A1 (K8W)



Project :South Piceance

API # :05045191470000

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

Area : Mamm Creek

County :GARFIELD

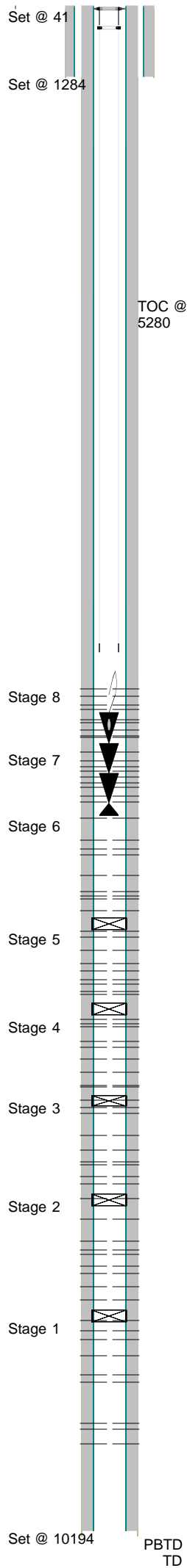
BHL : SENW-8-7S-93 W 6th PM

As Of : 12/07/2010

GL : 7826.0 ft

KB to GL : 22.0 ft

KB : 7848.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Conductor	26.000	26.	0	41	41			Joint	
Surface	12.250		0	1,284	2	LT&C		Shoe	
		9.625	36	1,283	1,251	LT&C	J-55	Csng.	
		9.625	36	31	5	ST&C	J-55	Mandrel	
		9.625	36	26	26		J-55	Landing Joint	
Production	7.880	4.5	11.6	10,194	2	LT&C	N-80	Float Shoe	
		4.5	11.6	10,193	43	LT&C	N-80	Casing	
		4.5	11.6	10,150	2	LT&C	N-80	Float Collar	
		4.5	11.6	10,148	1,193	LT&C	N-80	Casing	
		4.5	11.6	8,956	23	LT&C	N-80	Marker Jt.	
		4.5	11.6	8,933	980	LT&C	N-80	Casing	
		4.5	11.6	7,953	23	LT&C	N-80	Marker Jt.	
		4.5	11.6	7,930	5,378	LT&C	N-80	Casing	
		4.5	11.6	2,553	2,526	LT&C	P-110	Casing	
		4.5	11.6	27	4	LT&C	P-110	Mandrel	
		4.5	11.6	23	26	LT&C	P-110	Landing Joint	
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
Conductor	Fill	0	0.0	40 yards redi-mix /					
Surface	Lead	0	12.5	G / G+2%D79+.2%D46+.25ppsD29					
	Tail	726	15.8	G / D907+1.25%S001+.2%D046+.25pps D29					
Production	Scavenger	0	11.0	Mud Push II / 26bbl Water + 160 Lb D182 + 6400 Lb D031					
	Lead	5,280	12.0	TXI LS / D049 + 1%D79 + 0.95%D13 + 0.5%D46 + 0.25D029					
	Tail	8,115	13.0	TXI HMS / D049 + 3%D020 + 0.2%D112 + 0.5%D013 + 0.5%D046 + 0.25pps D029					
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	0.00	0.00	Tbg L80 4.7# EUE						
0.000	20.00	20.00	22" KB, -2.00 correction						
3.990	0.87	20.87	4 1/16 10k hanger, Wood Group						
2.650	0.68	21.55	2 3/8 N80 saver sub						
2.375	348.01	369.56	11 Jts 2 3/8 L80 4.7# EUE Tbg						
2.687	1.29	370.85	1.875 XN -Nipple						
2.375	7,672.30	8,043.15	241 Jts 2 3/8 L80 4.7# EUE Tbg						
2.375	24.00	8,067.15	1 jt 2 3/8" L80 Cut off jt						
2.375	352.04	8,462.00	3 Fish made up of 11 Jts,2 3/8						
Perforations									
Stage 1			Stage 5						
Date	From	To	Date	From	To				
10/08/2010	9,984	9,985	10/15/2010	8,894	8,895				
	9,948	9,949		8,888	8,889				
	9,934	9,935		8,870	8,871				
	9,836	9,837		8,860	8,861				
	9,818	9,819		8,838	8,839				
	9,770	9,771		8,820	8,821				
	9,732	9,733		8,788	8,789				
	9,712	9,713		8,754	8,755				
	9,686	9,687		8,740	8,741				
Stage 2			Stage 6						
Date	From	To	Date	From	To				
10/12/2010	9,634	9,635	10/20/2010	8,690	8,691				
	9,604	9,605		8,664	8,665				
	9,572	9,573		8,654	8,655				
	9,552	9,553		8,646	8,647				
	9,524	9,525		8,604	8,605				
	9,516	9,517		8,556	8,557				
	9,494	9,495		8,540	8,541				
	9,440	9,441		8,520	8,521				
	9,390	9,391		8,466	8,467				
Stage 3			Stage 7						
Date	From	To	Date	From	To				
10/13/2010	9,354	9,355	10/22/2010	8,428	8,429				
	9,336	9,337		8,412	8,413				
	9,306	9,307		8,390	8,391				
	9,300	9,301		8,380	8,381				
	9,272	9,273		8,366	8,367				
	9,236	9,237		8,352	8,353				
	9,184	9,185		8,340	8,341				
	9,170	9,171		8,326	8,327				
	9,150	9,151		8,306	8,307				
Stage 4			Stage 8						
Date	From	To	Date	From	To				
10/14/2010	9,118	9,119	10/25/2010	8,270	8,271				
	9,114	9,115		8,268	8,269				
	9,084	9,085		8,252	8,253				
	9,050	9,051		8,236	8,237				
	9,022	9,023		8,226	8,227				
	9,008	9,009		8,202	8,203				
	8,974	8,975		8,190	8,191				
	8,964	8,965		8,172	8,173				
	8,954	8,955		8,152	8,153				
Frac Summary									
Stage 1 : 9,686 - 9,985, 27 - 0.340" shots, 9954 bbls of Slickwater, 68000 lbs of 20-40 Sand Report Date: 10/12/2010									
Stage 2 : 9,390 - 9,635, 27 - 0.340" shots, 12082 bbls of Slickwater, 84600 lbs of 20-40 Sand Report Date: 10/13/2010									
Stage 3 : 9,150 - 9,355, 27 - 0.340" shots, 17415 bbls of Slickwater, 121000 lbs of 20-40 Sand Report Date: 10/14/2010									
Stage 4 : 8,954 - 9,119, 27 - 0.340" shots, 15294 bbls of Slickwater, 101200 lbs of 20-40 Sand Report Date: 10/15/2010									
Stage 5 : 8,740 - 8,895, 27 - 0.340" shots, 16754 bbls of Slickwater, 118000 lbs of 20-40 Sand Report Date: 10/20/2010									
Stage 6 : 8,466 - 8,691, 27 - 0.340" shots, 14589 bbls of Slickwater, 104600 lbs of 20-40 Sand Report Date: 10/22/2010									
Stage 7 : 8,306 - 8,429, 27 - 0.340" shots, 15624 bbls of Slickwater, 109600 lbs of 20-40 Sand Report Date: 10/25/2010									
Stage 8 : 8,152 - 8,271, 27 - 0.340" shots, 24975 bbls of Slickwater, 173800 lbs of 20-40 Sand Report Date: 10/27/2010									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
9,660.0	10/12/2010	CFP	0						
9,380.0	10/13/2010	CFP	0						
9,139.0	10/14/2010	CFP	0						
8,915.0	10/15/2010	CFP	0						
8,710.0	10/20/2010	CFP	0						
8,450.0	10/22/2010	CFP	0						
8,295.0	10/25/2010	CFP	0						
CFP at 8,450.0 drilled out 12/03/2010									
CFP at 8,295.0 drilled out 12/03/2010									
Comments									
CFP: 5 12/7/10 plan to drill out summer of 2011,12/07/10, Fish top 8111.82 # 1 fish top 8112 # 2 fish top 8236.59 # 3 fish top @ 8360.90.									