

Downhole Schematic for Couey 5-10C (N5A)



Project :South Piceance

Area : Mamm Creek

As Of : 05/05/2011

API # :05045090670000

County :GARFIELD

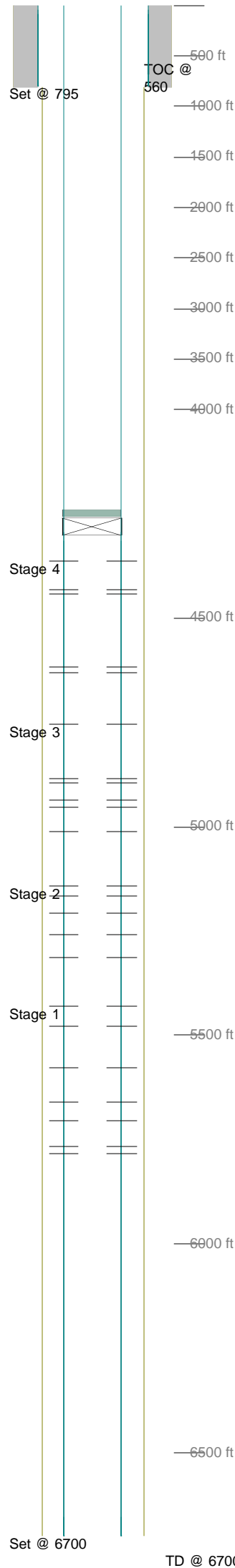
GL : 5939.7 ft

Surface Location : SESW Sec 5 T7S - R92W 6th PM

BHL : SESW-5-7S-92 W 6th PM

KB to GL : 14.0 ft

KB : 5953.7 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	12.250	8 5/8	0	795	2	ST&C	K55	Shoe	
		8 5/8	24	794	44	ST&C	J55	Csg	
		8 5/8	0	750	0	ST&C	k55	Float insert	
		8 5/8	24	750	664	ST&C	J55	Csg	
			0	85	2	ST&C		8 5/8x9 5/8 XO	
		9 5/8	36	83	44	ST&C	J55	Csg	
		9 5/8	53	39	39	LT&C	K55	Csg	
Production	7.875	4.50	0	6,700	2	LT&C	K55	Guide Shoe	
		4.50	11.6	6,699	44	LT&C	I-80	Csg	
		4.50	0	6,654	2	LT&C	K55	Float Coller	
		4.50	11.6	6,653	2,336	LT&C	I-80	Csg	
		4.50	11.6	4,317	21	LT&C	I-80	Csg-Marker JT	
		4.50	11.6	4,296	4,307	LT&C	I-80	Csg	
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
Surface	Fill	0	15.6	G / 2%CaCl 1/4 lbsk flocel					
	Production	Tail	0	13.4	35/65 Poz/G / 4% D020 + 0.2% D167				
		lead	0	11.5	+ 0.2% D065 + .25 lb/sk D029 + 0.2% D046 + 1% S001				
Class G / 3% D044 + 12% D020 + 1% D079 + 0.2% D167 + 1% D013 + 0.2% D046 +.25 lb/sk D029									
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
Perforations									
Stage 1				Stage 3					
Date	From	To	Shots	Date	From	To	Shots		
05/01/2003	5,784	5,786	4	05/08/2003	5,011	5,013	4		
	5,766	5,768	4		4,953	4,955	4		
	5,703	5,704	2		4,937	4,938	2		
	5,659	5,660	2		4,895	4,896	2		
	5,579	5,580	2		4,886	4,887	2		
	5,479	5,480	2		4,755	4,756	2		
	5,429	5,430	2						
Stage 2				Stage 4					
Date	From	To	Shots	Date	From	To	Shots		
05/05/2003	5,313	5,314	2	05/13/2003	4,631	4,632	2		
	5,260	5,261	2		4,617	4,619	4		
	5,207	5,209	4		4,442	4,444	4		
	5,167	5,169	4		4,432	4,433	2		
	5,141	5,143	4		4,362	4,363	2		
Frac Summary									
Stage 1 : 5,429 - 5,786, 4307 bbls of Slickwater, 168880 lbs of 20-40 Sand Report Date: 05/02/2003									
Stage 2 : 5,141 - 5,314, 2275 bbls of Slickwater, 109880 lbs of 20-40 Sand Report Date: 05/06/2003									
Stage 3 : 4,755 - 5,013, 2763 bbls of Slickwater, 134700 lbs of 20-40 Sand Report Date: 05/09/2003									
Stage 4 : 4,362 - 4,632, 2897 bbls of Slickwater, 148000 lbs of 20-40 Sand Report Date: 05/14/2003									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
4,305.0	05/05/2011	CBP	2						
Comments									