

Downhole Schematic for Couey 5-15A (N5A)



Project :South Piceance

Area : Mamm Creek

As Of : 05/07/2011

API # :05045090700000

County :GARFIELD

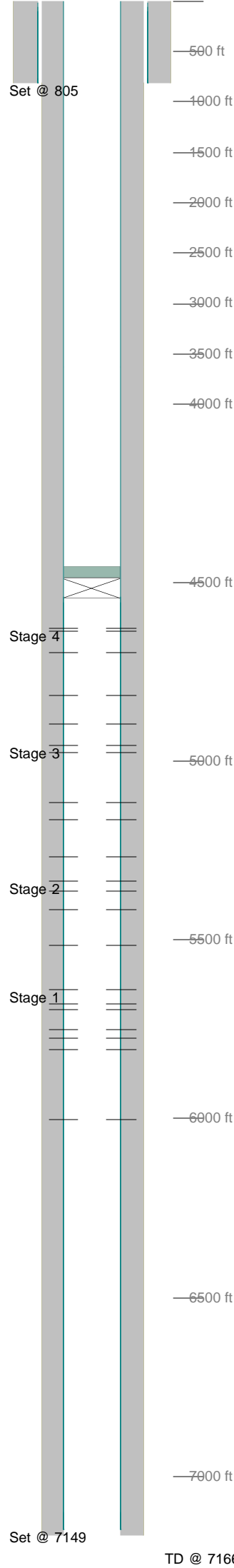
GL : 5939.7 ft

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

BHL : NENESWSE-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	805	2	ST&C	K55	Shoe
		8 5/8	24	804	44	ST&C	J55	Csg
		8 5/8	0	760	0	ST&C	K55	Float insert
		8 5/8	24	760	662	ST&C	J55	Csg
			0	97	2	ST&C		8 5/8x9 5/8 XO
		9 5/8	36	95	43	ST&C	J55	Csg
		9 5/8	53	52	43	LT&C	K55	Csg
Production	7.875	4.50	0	7,149	2	LT&C	K55	Shoe
		4.50	16.6	7,148	44	LT&C	I-80	Casing
		4.50	0	7,103	2	LT&C	K55	Float
		4.50	16.6	7,102	2,546	LT&C	I-80	Casing
		4.50	16.6	4,556	18	LT&C	I-80	Casing.MARKER
		4.50	16.6	4,538	4,543	LT&C	I-80	Casing
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 / D020 4%+D1670.2%+D065 0.2%+D046 0.2%+D029 0.25lb/sk				
	Lead	3,625	11.5	D066 35% Hilift Lead / D044 3%+D020 12%+D079 1.00%+D167 0.2%+D013 0.4%+D046 0.2%+D0290.25lb/sk				
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	6,003	6,005	4	05/08/2003	5,268	5,270	4	
	5,805	5,806	2		5,164	5,166	4	
	5,774	5,776	4		5,116	5,118	4	
	5,752	5,753	2		4,975	4,976	2	
	5,693	5,694	2		4,954	4,956	4	
	5,680	5,681	2					
	5,640	5,641	2					
Stage 2					Stage 4			
Date	From	To	Shots	Date	From	To	Shots	
05/05/2003	5,515	5,517	4	05/13/2003	4,897	4,899	4	
	5,414	5,415	2		4,815	4,817	4	
	5,364	5,366	4		4,694	4,696	4	
	5,334	5,336	4		4,634	4,635	2	
					4,626	4,628	4	
Frac Summary								
Stage 1 : 5,640 - 6,005, 4012 bbls of Slickwater, 156000 lbs of 20-40 Sand Report Date: 05/02/2003								
Stage 2 : 5,334 - 5,517, 3187 bbls of Slickwater, 128000 lbs of 20-40 Sand Report Date: 05/06/2003								
Stage 3 : 4,954 - 5,270, 4021 bbls of Slickwater, 198900 lbs of 20-40 Sand Report Date: 05/09/2003								
Stage 4 : 4,626 - 4,899, 2856 bbls of Slickwater, 146740 lbs of 20-40 Sand Report Date: 05/14/2003								
Bridge Plug Details								
Depth	Date Set	Plug Type	Sacks Cement					
4,546.0	05/07/2011	CBP	2					
Comments								