

Downhole Schematic for Hill 9-15A (J9E)



Project :South Piceance

Area : Mamm Creek

As Of : 6-27-2011

API # :05045093270000

County :GARFIELD

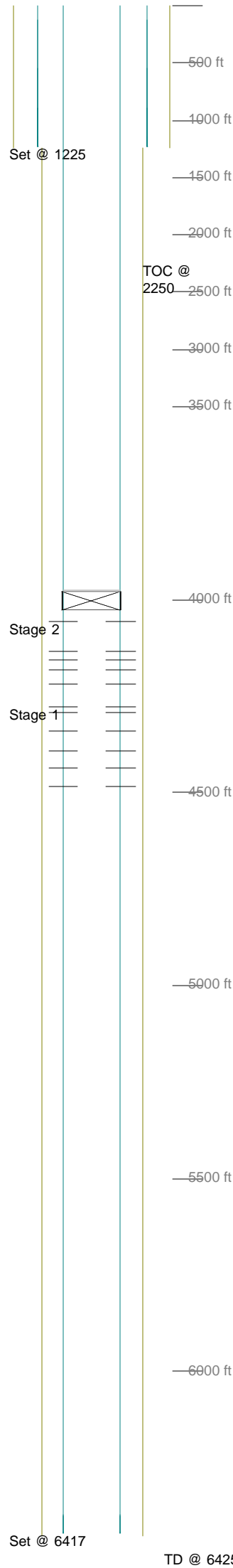
GL : 6228.8 ft

Surface Location : NWSE Sec 9 T7S - R92W 6th PM

BHL : SWSE-9-7S-92 W 6th PM

KB to GL : 14.0 ft

KB : 6242.8 ft



Casing Details		Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Section	Surface								
		12.250	8.625	0	1,225	1	LT&C		guide Shoe
			8.625	32	1,224	87	ST&C	J-55	Casing
			8.625	32	1,137	248	ST&C	J-55	Casing
			9.625	0	889	1	LT&C		XOS
			9.625	40	889	346	LT&C	N-80	Casing
			9.625	43.5	542	422	LT&C	NS-95	Casing
			9.625	53.5	120	127	LT&C	N-80	Casing
Production		7.875		0	6,417	2	LT&C		Float shoe
			4.5	0	6,416	42	LT&C	I 80	Casing
				0	6,373	2	LT&C		Float collar
			4.5	0	6,372	6,376	LT&C	I 80	Casing

Cement Details		Sequence	Top	Density	Blend / Additives				
Section	Surface								
		Fill	0	12.5	350 / 50/50 G poz+9%D20+2%S1+6%D53+0.@%D46+0.25				
		Tail	0	15.8	295 / G+2% $s_1$ +0.2%D46+0.25#/skD29				
Production		Tail	0	14.2	RFC / G+10% D53 + 0.2% D46 + 0.13pps. D130				
		LEAD	0	13.4	36/65 POZ / G + 4% D20 + 0.2% D167 + 0.2% D65 + 1% S1 + 0.2% D46 +0.25 pps D29				

Tubing and Downhole Equipment				
O.D.	Length	Depth	Description	
0.000	0.00	0.00	NO TUBING	

Perforations							
Stage 1			Stage 2				
Date	From	To	Shots	Date	From	To	Shots
12/03/2003	4,484	4,485	2	12/08/2003	4,219	4,221	4
	4,435	4,437	4		4,180	4,182	4
	4,390	4,392	4		4,156	4,158	4
	4,340	4,341	2		4,134	4,136	4
	4,293	4,294	2		4,058	4,059	2
	4,279	4,280	2				

Frac Summary	
Stage 1 : 4,279 - 4,485, 3351 bbls of Slickwater, 140000 lbs of 20-40 Sand Report Date: 12/05/2003	
Stage 2 : No Frac	

Bridge Plug Details		Plug Type	Sacks Cement
Depth	Date Set		
3,980.0	06/27/2011	CIBP	2

Comments
BRADENHEAD PRESSURE 25.