

Downhole Schematic for Story Gulch Unit 8506B-25 F25 496



Project :North Piceance

API # :05045191660000

Surface Location :

Area : Story Gulch

County :

BHL :

As Of : 03/10/2011

GL : ft

KB to GL : 22.0 ft

KB : ft

Set @ 120	500 ft	Casing Details		Hole 30.000	Casing 20	Mass 52.78	Set At 120	Length 120	Thread	Grade A53B	Description Line Pipe									
	1000 ft	Surface																		
	1500 ft																			
	2000 ft																			
	2500 ft																			
	3000 ft																			
	3500 ft	Production																		
	4000 ft																			
	4500 ft																			
	5000 ft																			
	5500 ft																			
	Set @ 3020	6000 ft	Cement Details									Sequence	Top	Density	Blend / Additives					
6500 ft		Surface	Fill	0	8.6	/ 160 bbls Cemnet + mud 30 bbls Zone lock +50 bbls Mud push 9.0 LiteCrete / 0.8%D079 + 0.8% D065 + 0.4%D013 + 0.2% D046 + 0.25pps D029 Control Set C / 12.0 TXI / D046 .5% BWOB, D013 .9% BWOB, D079 1.0% BWOB, D049 75.0 LB/SK, D029 .250% WTSK, D112 01% BWOB. 15/85 Poz /A / D901 80.0 LB/SK, D035 11.0 WTSK, D020 3.0% BWOB, D046 2.0% BWOB, D112 .750% BWOB, D178 35.0% BWOB, D201 .40% BWOB, D044 5.0% BWOB, D029 .25% BWOB, D182 .4% BWOB.														
7000 ft		Conductor	Tail	0	13.0															
7500 ft		Production	Lead	1,877	12.0															
			Tail	7,308	13.0															
Stage 13		8000 ft	Tubing and Downhole Equipment		O.D.		Length	Depth	Description											
		0.000	22.00	22.00						KB										
		7.063	0.80	22.80		7 1/16" Woodgroup														
		3.063	10,616.20	10,639.00		323 jts. 2 3/8" L80 4.7# Korean tbg.														
		3.063	1.10	10,640.10		2 3/8" flag nipple														
		3.063	32.85	10,673.00		1jt. 2 3/8" L80 4.7# Korean tbg.														
		3.063	1.10	10,674.10		2 3/8" Seating nipple														
		3.063	10.10	10,684.20		2 3/8" L80 pup jt.														
	Stage 12	8500 ft	Perforations			Stage 1				Date	From	To	Shots							
		01/11/2011	11,964	11,965	3															
			11,962	11,963	3															
			11,941	11,942	3															
			11,939	11,940	3															
			11,891	11,892	3															
			11,854	11,855	3															
			11,804	11,805	3															
			11,784	11,785	3															
			11,771	11,772	3															
			11,760	11,761	3															
Stage 11		9000 ft			Stage 4		Date	From	To								Shots			
		01/14/2011	11,186	11,187		3														
			11,170	11,171		3														
			11,106	11,107		3														
			11,100	11,101		3														
			11,096	11,097		3														
			11,045	11,046		3														
			11,034	11,035		3														
			10,988	10,989		3														
			10,946	10,947		3														
			10,934	10,935		3														
	Stage 10	9500 ft				Stage 5				Date	From	To	Shots							
		01/19/2011	10,893	10,894	3															
			10,860	10,861	3															
			10,846	10,847	3															
			10,820	10,821	3															
			10,810	10,811	3															
			10,770	10,771	3															
			10,747	10,748	3															
			10,744	10,745	3															
			10,714	10,715	3															
			10,688	10,689	3															
Stage 9		10000 ft			Stage 6		Date	From	To								Shots			
		01/20/2011	10,656	10,657		3														
			10,640	10,641		3														
			10,620	10,621		3														
			10,563	10,564		3														
			10,532	10,533		3														
			10,493	10,494		3														
			10,468	10,469		3														
			10,457	10,458		3														
			10,426	10,427		3														
			10,423	10,424		3														
	Stage 8	10500 ft				Stage 7				Date	From	To	Shots							
		01/20/2011	10,376	10,377	3															
			10,360	10,361	3															
			10,336	10,337	3															
			10,305	10,306	3															
			10,262	10,263	3															
			10,253	10,254	3															
			10,196	10,197	3															
			10,190	10,191	3															
			10,163	10,164	3															
			10,147	10,148	3															
Stage 7		11000 ft			Stage 8		Date	From	To								Shots			
		01/24/2011	10,104	10,105		3														
			10,093	10,094		3														
			10,057	10,058		3														
			10,045	10,046		3														
			10,036	10,037		3														
			10,005	10,006		3														
			9,974	9,975		3														
			9,963	9,964		3														
			9,921	9,922		3														
			9,916	9,917		3														
	Stage 6	11500 ft				Stage 9				Date	From	To	Shots							
		01/25/2011	9,855	9,856	3															
			9,847	9,848	3															
			9,824	9,825	3															
			9,778	9,779	3															
			9,772	9,773	3															
			9,764	9,765	3															
			9,733	9,734	3															
			9,678	9,679	3															
			9,670	9,671	3															
			9,628	9,629	3															
Stage 5		12000 ft			Stage 3		Date	From	To								Shots			
		01/13/2011	11,721	11,722		3														
			11,716	11,717		3														
			11,673	11,674		3														
			11,668	11,669		3														
			11,634	11,635		3														
			11,613	11,614		3														
			11,604	11,605		3														
			11,583	11,584		3														
			11,572	11,573		3														
			11,495	11,496		3														
	Stage 4	12500 ft				Stage 2				Date	From	To	Shots							
		01/13/2011	11,453	11,454	3															
			11,445	11,446	3															
			11,438	11,439	3															
			11,422	11,423	3															
Stage 3		13000 ft			Stage 1		Date	From	To								Shots			
			01/13/2011	11,453																
			11,445	11,446		3														
			11,438	11,439		3														
			11,422	11,423		3														

Report by Decision Dynamics Technology Ltd. Wellcore

May 27, 2011 8:38 PM