

Downhole Schematic for Story Gulch Unit 8506A-36 B36 496



Project : North Piceance

API # : 05045191190000

Surface Location : Lot2 Sec 36 T4S - R96W 6th PM

Area : Story Gulch

County :

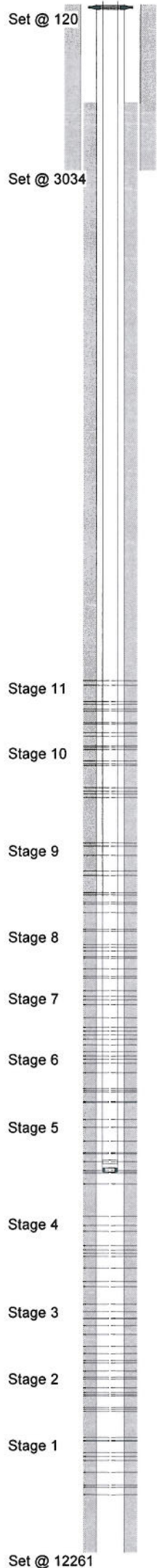
BHL : SENW-36-4S-96 W 6th PM

As Of : 12/19/2010

GL : 8351.7 ft

KB to GL : ft

KB : 0.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Conductor	30.000	20	0	120	0			Line Pipe	
-500 ft	Surface	14.750	10.625	36	3,034	2	LT&C	J-55	Shoe
-1000 ft		9.625	36	3,033	44	LT&C	J-55	Jt of casing	
-1500 ft		10.625	36	2,988	2	LT&C	J-55	Float Collar	
-2000 ft		9.25	36	2,987	486	LT&C	J-55	Jts of casing	
-2500 ft		10.625	36	2,501	2	LT&C	J-55	Injection Collar	
-3000 ft		9.625	36	2,499	926	LT&C	J-55	Jts of casing	
-3500 ft		9.625	36	1,573	2	LT&C	J-55	Port Collar	
-4000 ft		9.625	36	1,571	1,541	LT&C	J-55	Jts Of Casing	
-4500 ft		9.625	36	30	6	LT&C	J-55	Wellhead	
-5000 ft		9.625	36	24	27	LT&C	J-55	Landing Joint	
-5500 ft	Production	8.750		0	12,261	2	LT&C	P-110	Float Shoe
-6000 ft			4.5	11.6	12,260	21	LT&C	P-110	Short Joint
-6500 ft			0	12,238	2	LT&C	P-110	Float Collar	
-7000 ft			4.5	11.6	12,237	1,338	LT&C	P-110	Casing
-7500 ft			4.5	11.6	10,898	41	Butt	P-110	X-O Csg.Jt.
-8000 ft			4.5	11.6	10,857	83	Butt	P-110	Casing
-8500 ft			4.5	11.6	10,774	19	Butt	P-110	Marker Jt. 'A'
-9000 ft			4.5	11.6	10,755	2,610	Butt	P-110	Casing
-9500 ft			4.5	11.6	8,145	17	Butt	P-110	Marker Jt. 'B'
-10000 ft			4.5	11.5	8,128	4,932	Butt	P-110	Casing
-10500 ft			0	3,196	2	Butt	P-110	Port Collar	
-11000 ft			4.5	11.6	3,194	3,197	Butt	P-110	Casing
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
Surface	Lead	0	9.0	9.0 Lite CRET / LiteCRETE Blend + 0.8%D079 + 0.8%D065 + 0.5%D013 + 0.2%D046 + 0.25pps D029					
Production	Fill	0	9.8	9.8 mid press. LiteCrete / .4%D065 + .8%D198 + .5%D046 + .25pps D029					
	Lead	1,782	12.0	TXI LS Lead / D049 + 1%D79 + .1%D112 + .8% D13 + .5%D46 + Correct Rockies GMS Enc / 35%D178 + 5%D044+ 3%D020 + .4%D182+ .75%D112 + .3%D201+ .2%D065+ .2%D046 + .25pps D029					
	Tail	7,703	13.0						
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
			KB						
0.000	22.00	22.00	7 1/16" Woodgroup tbq. hanger						
7.063	0.80	22.80	323 jts. 2 3/8" Korean tbq.						
2.375	10,587.10	10,609.90	2 3/8" flag nipple						
2.375	1.10	10,611.00	1 jt. 2 3/8" Korean tbq.						
2.375	32.90	10,643.90	2 3/8" Seating nipple						
2.375	1.10	10,645.00	2 3/8" L80 pup jt.						
2.375	10.10	10,655.10							
Perforations									
Stage 1		From	To	Shots					
Date		12,016	12,017	3					
11/23/2010		11,985	11,986	3					
		11,976	11,977	3					
		11,922	11,923	3					
		11,873	11,874	3					
		11,856	11,857	3					
		11,839	11,840	3					
		11,791	11,792	3					
		11,788	11,789	3					
		11,775	11,776	3					
Stage 5		From	To	Shots					
Date		10,711	10,712	3					
12/04/2010		10,667	10,668	3					
		10,660	10,661	3					
		10,654	10,655	3					
		10,617	10,618	3					
		10,585	10,586	3					
		10,581	10,582	3					
		10,532	10,533	3					
		10,475	10,476	3					
		10,441	10,442	3					
Stage 6		From	To	Shots					
Date		10,371	10,372	3					
12/06/2010		10,367	10,368	3					
		10,327	10,328	3					
		10,321	10,322	3					
		10,314	10,315	3					
		10,247	10,248	3					
		10,207	10,208	3					
		10,191	10,192	3					
		10,177	10,178	3					
		10,158	10,159	3					
Stage 7		From	To	Shots					
Date		10,130	10,131	3					
12/06/2010		10,107	10,108	3					
		10,089	10,090	3					
		10,072	10,073	3					
		10,057	10,058	3					
		10,016	10,017	3					
		9,961	9,962	3					
		9,941	9,942	3					
		9,927	9,928	3					
		9,903	9,904	3					
Stage 8		From	To	Shots					
Date		9,850	9,851	3					
12/07/2010		9,842	9,843	3					
		9,811	9,812	3					
		9,767	9,768	3					
		9,760	9,761	3					
		9,737	9,738	3					
		9,722	9,723	3					
		9,710	9,711	3					
		9,654	9,655	3					
		9,646	9,647	3					
Stage 9		From	To	Shots					
Date		9,576	9,577	3					
12/07/2010		9,541	9,542	3					
		9,533	9,534	3					
		9,502	9,503	3					
		9,492	9,493	3					
		9,420	9,421	3					
		9,402	9,403	3					
		9,337	9,338	3					
		9,298	9,299	3					
		9,285	9,286	3					
Perforations									
Stage 4		From	To	Shots					
Date		11,141	11,142	3					
12/02/2010		11,120	11,121	3					
		11,063	11,064	3					
		11,015	11,016	3					

Set @ 12261

TD @ 12291

Frac Summary

Stage 1 : 11,775 - 12,017, 7477 bbls of Slickwater Report Date: 11/23/2010

Stage 2 : 11,496 - 11,667, 9821 bbls of Slickwater Report Date: 12/01/2010

Stage 3 : 11,216 - 11,463, 4826 bbls of Slickwater Report Date: 12/02/2010

Stage 4 : 10,847 - 11,142, 7724 bbls of Slickwater Report Date: 12/03/2010

Stage 5 : 10,441 - 10,712, 6107 bbls of Slickwater Report Date: 12/04/2010

Stage 6 : 10,158 - 10,372, 8896 bbls of Slickwater Report Date: 12/06/2010

Stage 7 : 9,903 - 10,131, 8976 bbls of Slickwater Report Date: 12/07/2010

Stage 8 : 9,646 - 9,851, 8669 bbls of Slickwater Report Date: 12/07/2010

Stage 9 : 9,285 - 9,577, 11692 bbls of Slickwater Report Date: 12/08/2010

Stage 10 : 8,878 - 9,096, 9918 bbls of Slickwater Report Date: 12/09/2010

Stage 11 : 8,606 - 8,840, 12166 bbls of Slickwater Report Date: 12/10/2010

Comments