

Downhole Schematic for Story Gulch Unit 8505A-36 B36 496



Project :North Piceance

API # :05045189980000

Surface Location :Lot2NWNE Sec 36 T4S - R96W E

Area :Story Gulch

County :

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

As Of :11/19/2010

GL :8351.7 ft

KB to GL :22.0 ft

KB :8373.7 ft

Set @ 120	C @ 5	500 ft	Casing Details								
		Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
		Conductor	30.000	20	52.78	120	120		A53B	Line Pipe	
		Surface	14.750	15	36	3,108	2	LT&C	J-55	Float Shoe	
				9.625	36	3,107	37	LT&C	J-55	Casing Joint	
				15	36	3,070	2	LT&C	J-55	Float Collar	
				9.625	36	3,068	544	LT&C	J-55	Casing Joints	
				15	36	2,524	2	LT&C	J-55	Parasite- Sub	
				9.625	36	2,522	2,497	LT&C	J-55	Casing Joints	
				9.625	36	26	5	LT&C	J-55	Woodgroup Head	
Set @ 3108		3000 ft				21	26	LT&C	J-55	Landing Joint	
		3500 ft	Production	8.750	4.5	0	12,660	1	LT&C	K-55	Shoe
					4.5	11.6	12,660	21	LT&C	P-110	Casing
		4000 ft			4.5	0	12,638	2	LT&C		Float Collar/225
					4.5	11.6	12,637	21	LT&C	P-110	Casing
		4500 ft			4.5	0	12,615	2	LT&C		Float Collar/225
					4.5	11.6	12,614	1,485	LT&C	P-110	Casing
		5000 ft			4.5	11.6	11,129	21	LT&C	P-110	Casing/Marker
					4.5	11.6	11,107	2,534	LT&C	P-110	Casing
		5500 ft			4.5	11.6	8,574	21	LT&C	P-110	Casing/Marker
		6000 ft			4.5	11.6	8,553	2,355	LT&C	P-110	Casing
					4.5	11.6	6,198	3	LT&C	P-110	Port Collar
		6500 ft			4.5	11.6	6,195	6,198	LT&C	P-110	Casing
		7000 ft	Cement Details								
		Section	Sequence		Top	Density	Blend / Additives				
		Production	Lead		615	9.6	LiteCrete / 0.4%D065+1%D198+0.5%D046+0.25ppsD029				
			Tail		5,950	13.0	Rockies Correct /				
		8000 ft					35%D178+5%D044+3%D020+0.4%D182+0.75%D112+0.35%D201+0.2%D065+0.2%D046+0.25ppsD029				
			Surface	Lead	0	9.0	LiteCRETE / .8%D079+ >8%D065 + .4%D013 + .2%D046 + .25ppsD029				
			Conductor	Tail	0	13.0	Control Set C /				
		Tubing and Downhole Equipment									
		O.D.	Length	Depth	Description						
		0.000	22.00	22.00	KB						
		7.063	0.80	22.80	Woodgroup 7 1/16 Tbg Hanger						
		2.375	10,959.10	10,981.90	333 Jts L80 4.7# Chinese Tbg						
		2.375	1.10	10,983.00	2 3/8 Flag Nipple						
		2.375	31.80	11,014.80	1 Jt 2 3/8 L80 4.7# Chinese Tbg						
		2.375	1.10	11,015.90	2 3/8 Seat Nipple						
		2.375	10.10	11,026.00	10Ft L80 Pup Jt						
		Stage 12		Perforations							
Stage	1										
Date	From			To	Shots						
10/22/2010	12,413			12,414	3		11,376	11,377	3		
	12,393			12,394	3		11,372	11,373	3		
	12,364			12,365	3		11,344	11,345	3		
	12,353			12,354	3		11,335	11,336	3		
	12,291			12,292	3		11,308	11,309	3		
	12,288			12,289	3		11,287	11,288	3		
	12,232			12,233	3	Stage 5					
Stage 11		Date	From	To	Shots						
		10/29/2010	11,217	11,218	3						
			11,214	11,215	3						
			11,175	11,176	3						
			11,116	11,117	3						
			11,088	11,089	3						
			11,081	11,082	3						
			11,059	11,060	3						
			11,047	11,048	3						
			11,030	11,031	3						
Stage 10		9500 ft	Stage 10								
		Date	From	To	Shots						
		11/02/2010	9,750	9,751	3						
			9,747	9,748	3						
			9,713	9,714	3						
			9,658	9,659	3						
			9,655	9,656	3						
			9,651	9,652	3	Stage 6					
			9,619	9,620	3	Date	From	To	Shots		
			9,577	9,578	3	10/29/2010	10,926	10,927	3		
Stage 9			9,573	9,574	3		10,916	10,917	3		
			9,563	9,564	3		10,905	10,906	3		
							10,874	10,875	3		
							10,867	10,868	3		
							10,855	10,856	3		
							10,837	10,838	3		
							10,770	10,771	3		
							10,765	10,766	3		
							10,748	10,749	3		
Stage 8		10000 ft	Stage 11								
		Date	From	To	Shots						
		11/03/2010	9,476	9,477	3						
			9,465	9,466	3						
			9,446	9,447	3						
			9,400	9,401	3						
			9,392	9,393	3						
			9,354	9,355	3	Stage 7					
			9,348	9,349	3	Date	From	To	Shots		
			9,338	9,339	3	10/30/2010	10,710	10,711	3		
Stage 7			9,259	9,260	3		10,666	10,667	3		
			9,244	9,245	3		10,630	10,631	3		
							10,593	10,594	3		
							10,588	10,589	3		
							10,557	10,558	3		
							10,550	10,551	3		
							10,506	10,507	3		
							10,466	10,467	3		
							10,452	10,453	3		
Stage 6		10500 ft	Stage 12								
		Date	From	To	Shots						
		11/03/2010	9,192	9,193	3						
			9,174	9,175	3						
			9,159	9,160	3						
			9,152	9,153	3						
			9,116	9,117	3						
			9,108	9,109	3	Stage 8					
			9,032	9,033	3	Date	From	To	Shots		
			9,025	9,026	3	11/01/2010	10,341	10,342	3		
Stage 5			8,975	8,976	3		10,335	10,336	3		
			8,938	8,939	3		10,330	10,331	3		
							10,287	10,288	3		
							10,270	10,271	3		
							10,265	10,266	3		
							10,242	10,243	3		
							10,192	10,193	3		
							10,130	10,131	3		
							10,120	10,121	3		
Stage 4		11000 ft	Stage 2								
		Date	From	To	Shots						
		10/25/2010	12,090	12,091	3						
			12,072	12,073	3						
			12,051	12,052	3						
			12,032	12,033	3						
			12,022	12,023	3						
			12,009	12,010	3	Stage 9					
			11,976	11,977	3	Date	From	To	Shots		
			11,951	11,952	3	11/01/2010	10,063	10,064	3		
Stage 3			11,914	11,915	3		10,013	10,014	3		
			11,900	11,901	3		9,976	9,977	3		
							9,968	9,969	3		
							9,945	9,946	3		
							9,935	9,936	3		
							9,917	9,918	3		
							9,907	9,908	3		
							9,831	9,832	3		
							9,825	9,826	3		
Stage 2		11500 ft	Stage 3								
		Date	From	To	Shots						
		10/26/2010	11,831	11,832	3						
			11,827	11,828	3						
			11,807	11,808	3						
			11,779	11,780	3						
			11,759	11,760	3						
			11,729	11,730	3						
			11,688	11,689	3						
			11,637	11,638	3						
Stage 1		12000 ft	Stage 4								
		Date	From	To	Shots						
		10/28/2010	11,523	11,524	3						
			11,450	11,451	3						
			11,419	11,420	3						
			11,405	11,406	3						
Set @ 12660	PBDT @ 12613 TD @ 12665	12500 ft									