

Downhole Schematic for SGU 8507B-25 F25 496



Project :North Piceance

API # :05045197660000

Surface Location : SENW Sec 25 T4S - R96W 6th P

Area : Story Gulch

County :

BHL : SENE-25-4S-96 W 6th PM

As Of :

GL : 8298.4 ft

KB to GL : 22.0 ft

KB : 8320.4 ft

Set @ 120			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	9.655	0	3,020	2	LT&C		Float Shoe		
					9.655	36	3,019	44	LT&C	J-55	Casing		
			1500 ft		9.655	0	2,975	2	LT&C		Float Collar		
					9.655	36	2,973	220	LT&C	J-55	Casing		
			2000 ft		9.655	0	2,753	2	LT&C		Air Collar		
					9.655	36	2,751	1,197	LT&C	J-55	Casing		
			2500 ft		9.655	0	1,554	2	LT&C		Port Collar		
		9.655	36	1,553	1,498	LT&C	J-55	Casing					
3000 ft			0	54	32			Casing L/ Jt.					
Set @ 3020			3500 ft	Production	7.870	4.5	0	12,507	2	LT&C	P-110	Float Shoe	
						4.5	11.6	12,506	20	LT&C	P-110	Casing	
			4000 ft			4.5	0	12,486	2	LT&C	P-110	Float Collar	
						4.5	11.6	12,484	1,480	LT&C	P-110	Casing	
			4500 ft			4.5	11.6	11,004	20	LT&C	P-110	Marker Jt.	
						4.5	11.6	10,984	3,048	LT&C	P-110	Casing	
			5000 ft			4.5	11.6	7,936	20	LT&C	P-110	Marker Jt.	
						4.5	11.6	7,916	7,920	LT&C	P-110	Casing	
			5500 ft										
			6000 ft	Cement Details	Sequence	Top	Density	Blend / Additives					
	Surface	Fill	0	8.7	S001 Solution / S001 CaCl2 30.00 lb/bbl of Wash								
6500 ft		Fill	0	9.7	D075 Solution / D075 Extender 18.0 gal/bbl of Wash								
		Fill	0	8.6	MUDPUSH II / D024 Extender 100.00 lb/bbl BW/V.Spacer								
7000 ft					D031 Weighting Agent 125.3 lb/mgal								
					B838 CemNET Plus Lost-Circ. Package 10.0 lb/bbl of Spacer								
7500 ft		Lead	0	9.0	9.0# LiteCRETE / LiteCRETE 9.0# LiteCRETE Blend 100.00 lb/sk								
					WBWOB								
					D079 Extender 0.8 % BWOB								
					D065 Dispersant 0.2 % BWOB								
					D013 Retarder 0.5 % BWOB								
					D046 Anti Foam 0.2 % BWOB								
					D029 Lost Circulation Control Agent 0.25 lb/sk WBWOB								
					D095 CemNET Lost Circulation Fiber 2.0 lb/bbl								
8000 ft	Conductor	Tail	0	13.0	Control set C /								
	Production	Fill	0	11.0	50 bbls MudPush II / 0.00 lb/bbl D031 + 5.000 lb/bbl D182								
		Lead	3,370	12.0	12.0 TXI LS Lead / 5.0% D044 + 0.2% D046 + 2.0% D079 + 1.200% D013 + 0.250 LB/sks D029 + 0.5% D182								
		Tail	8,623	13.0	13.0 Rockies GMS Enc / 3.000% D020 + 0.200% D046 + 0.200% D065 + 0.750% D112 + 35.000% D178 + 0.400% D201 + 5.000% D044 + 0.250 lb/sks D029 + 0.500% D182								
Stage 12			8500 ft	Perforations	From	To	Shots	Stage 4	Date	From	To	Shots	
				Stage 1	05/22/2012	12,071	12,072	3		05/24/2012	11,065	11,066	3
						12,048	12,049	3			11,022	11,023	3
						12,025	12,026	3			11,011	11,012	3
						12,011	12,012	3			10,971	10,972	3
						11,945	11,946	3			10,953	10,954	3
						11,920	11,921	3			10,934	10,935	3
						11,861	11,862	3			10,921	10,922	3
						11,836	11,837	3			10,892	10,893	3
			9000 ft			11,817	11,818	3			10,866	10,867	3
			11,804	11,805	3			10,813	10,814	3			
Stage 11			Stage 10	Date	From	To	Shots	Stage 5	Date	From	To	Shots	
				05/29/2012	9,448	9,449	3		05/24/2012	10,748	10,749	3	
					9,407	9,408	3			10,717	10,718	3	
					9,375	9,376	3			10,694	10,695	3	
					9,356	9,357	3			10,646	10,647	3	
					9,336	9,337	3			10,592	10,593	3	
					9,290	9,291	3			10,561	10,562	3	
					9,265	9,266	3			10,525	10,526	3	
					9,230	9,231	3			10,477	10,478	3	
			9500 ft			9,213	9,214	3			10,440	10,441	3
			9,194	9,195	3			10,426	10,427	3			
Stage 10			Stage 9	Date	From	To	Shots	Stage 6	Date	From	To	Shots	
				05/29/2012	9,151	9,152	3		05/27/2012	10,385	10,386	3	
					9,125	9,126	3			10,370	10,371	3	
					9,111	9,112	3			10,359	10,360	3	
					9,094	9,095	3			10,319	10,320	3	
					9,040	9,041	3			10,306	10,307	3	
					8,992	8,993	3			10,269	10,270	3	
					8,974	8,975	3			10,238	10,239	3	
					8,933	8,934	3			10,217	10,218	3	
			10000 ft			8,915	8,916	3			10,192	10,193	3
			8,887	8,888	3			10,181	10,182	3			
Stage 9			Stage 8	Date	From	To	Shots	Stage 7	Date	From	To	Shots	
				05/29/2012	8,778	8,779	3		05/27/2012	10,151	10,152	3	
					8,755	8,756	3			10,136	10,137	3	
					8,683	8,684	3			10,107	10,108	3	
					8,621	8,622	3			10,093	10,094	3	
					8,576	8,577	3			10,085	10,086	3	
					8,567	8,568	3			10,077	10,078	3	
					8,549	8,550	3			10,038	10,039	3	
					8,529	8,530	3			10,029	10,030	3	
			10500 ft			8,503	8,504	3			9,966	9,967	3
			8,495	8,496	3			9,925	9,926	3			
Stage 8			Stage 7	Date	From	To	Shots	Stage 6	Date	From	To	Shots	
				05/30/2012	11,767	11,768	3		05/28/2012	9,895	9,896	3	
					11,755	11,756	3			9,889	9,890	3	
					11,711	11,712	3			9,863	9,864	3	
					11,688	11,689	3			9,792	9,793	3	
					11,652	11,653	3			9,770	9,771	3	
					11,613	11,614	3			9,761	9,762	3	
					11,581	11,582	3			9,754	9,755	3	
					11,561	11,562	3			9,722	9,723	3	
			11000 ft			11,538	11,539	3			9,716	9,717	3
			11,503	11,504	3			9,703	9,704	3			
Stage 7			Stage 6	Date	From	To	Shots	Stage 5	Date	From	To	Shots	
				05/23/2012	11,440	11,441	3		05/28/2012	9,691	9,692	3	
					11,409	11,410	3			9,681	9,682	3	
					11,349	11,350	3			9,666	9,667	3	
					11,322	11,323	3			9,624	9,625	3	
					11,285	11,286	3			9,616	9,617	3	
					11,251	11,252	3			9,593	9,594	3	
					11,244	11,245	3			9,558	9,559	3	
					11,188	11,189	3			9,509	9,510	3	
			11500 ft			11,140	11,141	3			9,492	9,493	3
			11,126	11,127	3			9,486	9,487	3			
Stage 6			Stage 5	Date	From	To	Shots	Stage 4	Date	From	To	Shots	
				05/23/2012	11,440	11,441	3		05/28/2012	9,691	9,692	3	
					11,409	11,410	3			9,681	9,682	3	
					11,349	11,350	3			9,666	9,667	3	
					11,322	11,323	3			9,624	9,625	3	
					11,285	11,286	3			9,616	9,617	3	
					11,251	11,252	3			9,593	9,594	3	
					11,244	11,245	3			9,558	9,559	3	
					11,188	11,189	3			9,509	9,510	3	
			12000 ft			11,140	11,141	3			9,492	9,493	3
			11,126	11,127	3			9,486	9,487	3			
Stage 5			Stage 4	Date	From	To	Shots	Stage 3	Date	From	To	Shots	
				05/23/2012	11,440	11,441	3		05/28/2012	9,691	9,692	3	
					11,409	11,410	3			9,681	9,682	3	
					11,349	11,350	3			9,666	9,667	3	
					11,322	11,323	3			9,624	9,625	3	
					11,285	11,286	3			9,616	9,617	3	
					11,251	11,252	3			9,593	9,594	3	
					11,244	11,245	3			9,558	9,559	3	
					11,188	11,189	3			9,509	9,510	3	
			12500 ft			11,140	11,141	3			9,492	9,493	3
			11,126	11,127	3			9,486	9,487	3			
Stage 4			Stage 3	Date	From	To	Shots	Stage 2	Date	From	To	Shots	
				05/23/2012	11,440	11,441	3		05/28/2012	9,691	9,692	3	
					11,409	11,410	3			9,681	9,682	3	
					11,349	11,350	3			9,666	9,667	3	
					11,322	11,323	3			9,624	9,625	3	
					11,285	11,286	3			9,616	9,617	3	
					11,251	11,252	3			9,593	9,594	3	
					11,244	11,245	3			9,558	9,559	3	
					11,188	11,189	3			9,509	9,510	3	
			12507 ft			11,140	11,141	3			9,492	9,493	3
			11,126	11,127	3			9,486	9,487	3			
Stage 3			Stage 2	Date	From	To	Shots	Stage 1	Date	From	To	Shots	
				05/23/2012	11,440	11,441	3		05/28/2012	9,691	9,692	3	
					11,409	11,410	3			9,681	9,682	3	
					11,349	11,350	3			9,666	9,667	3	
					11,322	11,323	3			9,624	9,625	3	
					11,285	11,286	3			9,616	9,617	3	
					11,251								

Frac Summary

Stage 1 : 11,804 - 12,072, 30 - 0.420" shots, 14014 bbls of Slickwater Report Date: 05/23/2012

Stage 2 : 11,503 - 11,768, 30 - 0.420" shots, 7115 bbls of Slickwater Report Date: 05/23/2012

Stage 3 : 11,126 - 11,441, 30 - 0.420" shots, 8112 bbls of Slickwater Report Date: 05/24/2012
 Stage 4 : 10,813 - 11,066, 30 - 0.420" shots, 8954 bbls of Slickwater Report Date: 05/24/2012

Stage 5 : 10,426 - 10,749 30 - 0.420" shots, 15136 bbls of Slickwater Report Date: 05/25/2012

Stage 6 : 10.181 - 10.386. 30 - 0.420" shots. 12667 bbls of Slickwater Report Date: 05/27/2012

Stage 7 : 9,925 - 10,152, 30 - 0.420" shots, 5563 bbls of Slickwater Report Date: 05/27/2012

Stage 8 : 9,703 - 9,896, 30 - 0.420" shots, 7898 bbls of Slickwater Report Date: 05/28/2012

Stage 9 : 9,486 - 9,692, 30 - 0.420" shots, 5608 bbls of Slickwater Report Date: 05/28/2012

Stage 10 : 9,194 - 9,449, 30 - 0.420" shots, 10318 bbls of Slickwater Report Date: 05/29/2012
Stage 11 : 8,887 - 9,152, 30 - 0.420" shots, 16551 bbls of Slickwater Report Date: 05/30/2012

Stage 11 : 8,887 - 9,152, 30 - 0.420" shots, 16551 bbls of Slickwater Report Date: 05/30/2012
Stage 12 : 8,495 - 8,779, 30 - 0.420" shots, 12370 bbls of Slickwater Report Date: 05/31/2012