

Downhole Schematic for SGU 8503D-36 B36 496



Project :North Piceance

API # :05045198220000

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

Area : Story Gulch

County :

BHL : Lot 3-36-4S-96 W 6th PM

As Of : 02/22/2012

GL : 8352.0 ft

KB to GL : 22.0 ft

KB : 8374.0 ft

Set @ 120	-500 ft	Casing Details		Hole 30.000	Casing 20	Mass 52	Set At 120	Length 120	Thread	Grade	Description Line Pipe
		Section	Conductor								
	-1000 ft	Surface	14.750	10.625	36	3,002	2	LT&C	J-55	Guide Shoe	
				9.625	36	3,001	44	LT&C	J-55	Casing Joint	
	-1500 ft			10.625	36	2,956	2	LT&C	J-55	Float Collar	
				9.625	36	2,955	175	LT&C	J-55	Casing Joints	
	-2000 ft			10.625	36	2,780	2	LT&C	J-55	Parasite-Sub	
				9.625	36	2,778	1,390	LT&C	J-55	Casing Joints	
	-2500 ft			10.625	36	1,388	2	LT&C	J-55	Port Collar	
				9.625	36	1,386	1,356	LT&C	J-55	Casing Joints	
Set @ 3002	-3000 ft			9.625	36	30	6	LT&C	J-55	Mandrel+Pup	
				9.625	36	24	27	LT&C	J-55	Landing Joint	
	-3500 ft	Production	7.875	5.625	0	12,264	2	Butt	P-110	Guide Shoe	
				4.5	11.6	12,263	24	Butt	P-110	Short Jt. A	
	-4000 ft			5.0	0	12,239	2	Butt	P-110	Float Collar	
				4.5	11.6	12,237	1,462	Butt	P-110	Casing	
	-4500 ft			4.5	11.6	10,775	22	Butt	P-110	Marker jt B	
				4.5	11.6	10,753	2,642	Butt	P-110	Casing	
	-5000 ft			4.5	11.6	8,111	22	Butt	P-110	Marker jt C	
				4.5	11.6	8,089	8,090	Butt	P-110	Casing	
	-6000 ft	Cement Details									
		Section	Sequence		Top	Density	Blend / Additives				
	-6500 ft	Surface	Lead		0	9.0	9.0 Lite Crete / 53.0 lb/sk D124+37.0lb/sk D907+10.0lb/skD154+.800%D065+.400%D013+.200%D046+.250 lb/sk D029				
	-7000 ft	Production	Lead		2,700	12.0	NPR / D044 NaCl 5.0% BWOW, D907 cmt, 24.0 lb/sk WBWOB, D035 Extender 54.0 lb/sk WBWOB, D182 Spacer Concentrate 0.5% BWOB, D112 fluid loss 0.3%BWOB, D013 retarder 1.0% BWOB, D046 anti foam 0.2% BWOB, D029 lost circ. control agent 0.25 lb/sk WBWOB				
	-7500 ft						Rockies Correct / D044 NaCl 5.0%BWOW, D D901 cement 80.0 lb/sk WBWOB, D035 extender 11.0 lb/sk WBWOB, D178 silica 35.0 BWOB, D020 extender 3.0%BWOB, D182 spcer concentrate 0.5% BWOB, D112 fluid loss 0.75% BWOB, D201 retarder 0.4% BWOB, D065 dispersant 0.2% BWOB, D046 anti foam 0.2% BWOB, D029 lost circ control agent 0.25 lb/sk WBWOB				
			Tail		7,706	13.0	Control Set C /				
	-8000 ft	Conductor	Lead		0	13.0					
		Tubing and Downhole Equipment									
		O.D.	Length	Depth	Description						
	Stage 12		0.000	22.00	22.00	KB					
		7.063	0.93	22.93	7 1/16 GEWC Tbg Hanger						
		3.060	10,672.90	10,695.80	328 Jts 2 3/8 L80 4.7# Korean Tbg						
		3.060	1.13	10,697.00	2 3/8 Flag Nipple						
		3.060	32.55	10,729.50	1Jt 2 3/8 L80 4.7# Korean Tbg						
Stage 11		3.060	1.13	10,730.60	2 3/8 Seat Nipple						
	-8500 ft	3.060	9.98	10,740.60	10Ft L80 Pup Jt						
Stage 10		Perforations		From	To	Shots	Stage 4				
		Stage 1	Date				Date	From	To	Shots	
			01/24/2012	12,026	12,027	3	02/03/2012	11,009	11,010	3	
				11,996	11,997	3		11,005	11,006	3	
				11,985	11,986	3		10,992	10,993	3	
	-9000 ft			11,948	11,949	3		10,986	10,987	3	
				11,938	11,939	3		10,914	10,915	3	
				11,925	11,926	3		10,890	10,891	3	
				11,877	11,878	3		10,883	10,884	3	
				11,842	11,843	3		10,820	10,821	3	
Stage 9				11,809	11,810	3		10,778	10,779	3	
				11,755	11,756	3		10,712	10,713	3	
		Stage 10		From	To	Shots	Stage 5				
		Stage 10	Date				Date	From	To	Shots	
			02/13/2012	9,103	9,104	3	02/07/2012	10,665	10,666	3	
	-9500 ft			9,098	9,099	3		10,659	10,660	3	
				9,055	9,056	3		10,654	10,655	3	
				9,040	9,041	3		10,615	10,616	3	
				8,988	8,989	3		10,578	10,579	3	
				8,960	8,961	3		10,498	10,499	3	
Stage 8				8,942	8,943	3		10,493	10,494	3	
				8,922	8,923	3		10,430	10,431	3	
				8,827	8,828	3		10,418	10,419	3	
	-10000 ft			8,820	8,821	3		10,395	10,396	3	
		Stage 11		From	To	Shots	Stage 6				
		Stage 11	Date				Date	From	To	Shots	
			02/14/2012	8,784	8,785	3	02/07/2012	10,328	10,329	3	
				8,768	8,769	3		10,317	10,318	3	
				8,736	8,737	3		10,311	10,312	3	
				8,686	8,687	3		10,287	10,288	3	
			8,620	8,621	3		10,263	10,264	3		
Stage 7				8,598	8,599	3		10,237	10,238	3	
	-10500 ft			8,580	8,581	3		10,202	10,203	3	
				8,555	8,556	3		10,182	10,183	3	
				8,530	8,531	3		10,162	10,163	3	
				8,508	8,509	3		10,145	10,146	3	
		Stage 12		From	To	Shots	Stage 7				
		Stage 12	Date				Date	From	To	Shots	
			02/15/2012	8,480	8,481	3	02/08/2012	10,104	10,105	3	
				8,464	8,465	3		10,085	10,086	3	
				8,414	8,415	3		10,067	10,068	3	
-11000 ft			8,366	8,367	3		10,046	10,047	3		
			8,357	8,358	3		9,952	9,953	3		
Stage 6				8,296	8,297	3		9,931	9,932	3	
				8,288	8,289	3		9,923	9,924	3	
				8,258	8,259	3		9,884	9,885	3	
				8,230	8,231	3		9,871	9,872	3	
				8,225	8,226	3		9,840	9,841	3	
		Stage 2		From	To	Shots	Stage 8				
		Stage 2	Date				Date	From	To	Shots	
			01/27/2012	11,662	11,663	3	02/09/2012	9,761	9,762	3	
	-11500 ft			11,654	11,655	3		9,716	9,717	3	
				11,615	11,616	3		9,707	9,708	3	
			11,602	11,603	3		9,635	9,636	3		
			11,587	11,588	3		9,575	9,576	3		
Stage 5				11,572	11,573	3		9,541	9,542	3	
				11,538	11,539	3		9,532	9,533	3	
				11,529	11,530	3		9,502	9,503	3	
				11,430	11,431	3		9,491	9,492	3	
	-12000 ft			11,380	11,381	3		9,455	9,456	3	
		Stage 3		From	To	Shots	Stage 9				
		Stage 3	Date				Date	From	To	Shots	
			01/30/2012	11,336	11,337	3	02/10/2012	9,420	9,421	3	
				11,328	11,329	3		9,389	9,390	3	
				11,280	11,281	3		9,352	9,353	3	
			11,270	11,271	3		9,328	9,329	3		
			11,250	11,251	3		9,315	9,316	3		
Set @ 12264				11,214	11,215	3		9,292	9,293	3	
				11,148	11,149	3		9,280	9,281	3	
				11,117	11,118	3		9,268	9,269	3	
				11,099	11,100	3		9,187	9,188	3	
				11,072	11,073	3		9,151	9,152	3	
		PBSD @ 12237		From	To	Shots	PBSD @ 12290				
		TD @ 12290	Date				Date	From	To	Shots	
				11,662	11,663	3	02/09/2012	9,761	9,762	3	
				11,654	11,655	3		9,716	9,717	3	
				11,615	11,616	3		9,707	9,708	3	
			11,602	11,603	3		9,635	9,636	3		
			11,587	11,588	3		9,575	9,576	3		
			11,572	11,573	3		9,541	9,542	3		
			11,538	11,539	3		9,532	9,533	3		
			11,529	11,530	3		9,502	9,503	3		
			11,430	11,431	3		9,491	9,492	3		
			11,380	11,381	3		9,455	9,456	3		
	Stage 3		From	To	Shots	Stage 9					
	Stage 3	Date				Date	From	To	Shots		
		01/30/2012	11,336	11,337	3	02/10/2012	9,420	9,421	3		
			11,328	11,329	3		9,389	9,390	3		
			11,280	11,281	3		9,352	9,353	3		
			11,270	11,271	3		9,328	9,329	3		
			11,250	11,251	3		9,315	9,316	3		
			11,214	11,215	3		9,292	9,293	3		
			11,148	11,149	3		9,280	9,281	3		
			11,117	11,118	3		9,268	9,269	3		
			11,099	11,100	3		9,187	9,188	3		
			11,072	11,073	3		9,151	9,152	3		