

Downhole Schematic for SGU 8508C-36 B36 496



Project : North Piceance		API # : 05045198390000		Surface Location : Lot2 Sec 36 T4S - R96W 6th PM							
Area : Story Gulch		County :		BHL : SENE-36-4S-96 W 6th PM							
As Of : 02/21/2012		GL : 8352.0 ft		KB to GL :		22.0 ft		KB : 8374.0 ft			
Set @ 118	Casing Details	Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
											Conductor
Set @ 3020	-500 ft	Surface	14.750	10.625	36	3,020	2	LT&C	J-55	Guide Shoe	
	-1000 ft			9.625	36	3,019	44	LT&C	J-55	Casing Joint	
	-1500 ft			10.625	36	2,975	2	LT&C	J-55	Float Collar	
	-2000 ft			9.625	36	2,973	132	LT&C	J-55	Casing Joints	
	-2500 ft			10.625	36	2,842	2	LT&C	J-55	Parasite-Sub	
	-3000 ft			9.625	36	2,840	1,492	LT&C	J-55	Casing Joints	
	-3500 ft			10.625	36	1,348	2	LT&C	J-55	Port Collar	
	-4000 ft			9.625	36	1,346	1,311	LT&C	J-55	Casing Joints	
	-4500 ft			9.625	36	35	6	LT&C	J-55	Mandrel+Pup	
	-5000 ft			9.625	36	29	27	LT&C	J-55	Landing Joint	
	-5500 ft	Production	7.875	5.625	0	12,241	2	Butt	P-110	Guide Shoe	
	-6000 ft			4.5	11.6	12,240	19	Butt	P-110	Short Jt. A	
	-6500 ft			5.0	0	12,220	2	Butt	P-110	Float Collar	
	-7000 ft			4.5	11.6	12,219	1,461	Butt	P-110	Casing	
	-7500 ft			4.5	11.6	10,758	22	Butt	P-110	Marker jt B	
	-8000 ft			4.5	11.6	10,736	2,646	Butt	P-110	Casing	
	-8500 ft			4.5	11.6	8,090	21	Butt	P-110	Marker jt C	
	-9000 ft			4.5	11.6	8,069	8,073	Butt	P-110	Casing	
	Stage 12	-6000 ft	Cement Details	Sequence	Top	Density	Blend / Additives				
		-6500 ft	Production	Lead	2,120	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% BWOW, D112 fluid loss 0.3% BWOW, D013 retarder 1.0% BWOW, D046 anti foam 0.2% BWOW, D029 lost circ. control agent 0.25 lb/sk WBWOB				
Stage 11	-7000 ft					0.25 lb/sk WBWOB					
	-7500 ft	Tail		7,706	13.0	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 BWOW, D020 extender 3.0% BWOW, D182 spcer concentrate 0.5% BWOW, D112 fluid loss 0.75% BWOW, D201 retarder 0.4% BWOW, D065 dispersant 0.2% BWOW, D046 anti foam 0.2% BWOW, D029 lost circ control agent 0.25 lb/sk WBWOB					
Stage 10	-8000 ft	Conductor	Lead	0	13.0	Control Set C /					
	-8500 ft	Surface	Lead	0	9.0	9.0 LiteCRETE / 53 lb/skD124+37lb/skD907+10lb/sk D154+.800%D079 +.800%D065+.500% D013 + .200% D046 + .25lb/sk D029					
Stage 12	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							
Stage 12	3.060	10,740.50	10,763.40	331 Jts 2 3/8 L80 4.7# Korean Tbg							
	3.060	1.12	10,764.50	2 3/8 Flag Nipple							
Stage 12	3.060	32.63	10,797.10	1Jt 2 3/8 L80 4.7# Korean Tbg							
	3.060	1.11	10,798.30	2 3/8 Seat Nipple							
Stage 12	3.060	10.00	10,808.30	10Ft L80 Pup Jt							
Stage 11											
Stage 10	Perforations										
	Stage 1	Date	From	To	Shots	Stage 4	Date	From	To	Shots	
Stage 10	-9000 ft	01/24/2012	12,043	12,044	3	01/31/2012	11,075	11,076	3		
			12,036	12,037	3		11,068	11,069	3		
Stage 10			11,936	11,937	3		11,049	11,050	3		
			11,923	11,924	3		11,033	11,034	3		
Stage 10			11,915	11,916	3		10,974	10,975	3		
			11,863	11,864	3		10,965	10,966	3		
Stage 10			11,819	11,820	3		10,893	10,894	3		
			11,765	11,766	3		10,816	10,817	3		
Stage 10			11,754	11,755	3		10,796	10,797	3		
			11,736	11,737	3		10,775	10,776	3		
Stage 10	-9500 ft	Stage 10	Date	From	To	Shots	Stage 5	Date	From	To	Shots
		02/14/2012	9,263	9,264	3	02/06/2012	10,748	10,749	3		
Stage 10			9,255	9,256	3		10,740	10,741	3		
			9,227	9,228	3		10,723	10,724	3		
Stage 10			9,145	9,146	3		10,638	10,639	3		
			9,067	9,068	3		10,629	10,630	3		
Stage 10			9,055	9,056	3		10,612	10,613	3		
			8,990	8,991	3		10,575	10,576	3		
Stage 10			8,981	8,982	3		10,563	10,564	3		
			8,958	8,959	3		10,546	10,547	3		
Stage 10	-10000 ft		8,938	8,939	3		10,530	10,531	3		
		Stage 11	Date	From	To	Shots	Stage 6	Date	From	To	Shots
Stage 10	-10500 ft	02/14/2012	8,896	8,897	3	02/07/2012	10,495	10,496	3		
			8,885	8,886	3		10,455	10,456	3		
Stage 10			8,865	8,866	3		10,445	10,446	3		
			8,826	8,827	3		10,426	10,427	3		
Stage 10			8,780	8,781	3		10,386	10,387	3		
			8,767	8,768	3		10,334	10,335	3		
Stage 10			8,734	8,735	3		10,316	10,317	3		
			8,705	8,706	3		10,281	10,282	3		
Stage 10			8,686	8,687	3		10,275	10,276	3		
			8,665	8,666	3		10,230	10,231	3		
Stage 10	-11000 ft	Stage 12	Date	From	To	Shots	Stage 7	Date	From	To	Shots
		02/16/2012	8,615	8,616	3	02/08/2012	10,192	10,193	3		
Stage 10			8,597	8,598	3		10,118	10,119	3		
			8,554	8,555	3		10,095	10,096	3		
Stage 10			8,522	8,523	3		10,090	10,091	3		
			8,495	8,496	3		10,055	10,056	3		
Stage 10			8,428	8,429	3		10,044	10,045	3		
			8,415	8,416	3		10,030	10,031	3		
Stage 10			8,368	8,369	3		9,990	9,991	3		
			8,356	8,357	3		9,968	9,969	3		
Stage 10			8,330	8,331	3		9,958	9,959	3		
	-11500 ft	Stage 2	Date	From	To	Shots	Stage 8	Date	From	To	Shots
Stage 10	-12000 ft	01/26/2012	11,693	11,694	3	02/10/2012	9,904	9,905	3		
			11,676	11,677	3		9,891	9,892	3		
Stage 10			11,628	11,629	3		9,882	9,883	3		
			11,616	11,617	3		9,851	9,852	3		
Stage 10			11,593	11,594	3		9,842	9,843	3		
			11,584	11,585	3		9,822	9,823	3		
Stage 10			11,527	11,528	3		9,775	9,776	3		
			11,511	11,512	3		9,710	9,711	3		
Stage 10			11,491	11,492	3		9,693	9,694	3		
			11,442	11,443	3		9,675	9,676	3		
Stage 10	-12000 ft	Stage 3	Date	From	To	Shots	Stage 9	Date	From	To	Shots
		01/30/2012	11,313	11,314	3	02/13/2012	9,625	9,626	3		
Stage 10			11,292	11,293	3		9,600	9,601	3		
			11,284	11,285	3		9,592	9,593	3		
Stage 10			11,262	11,263	3		9,517	9,518	3		
			11,236	11,237	3		9,505	9,506	3		
Stage 10			11,195	11,196	3		9,496	9,497	3		
			11,169	11,170	3		9,444	9,445	3		
Stage 10			11,156	11,157	3		9,391	9,392	3		
			11,127	11,128	3		9,347	9,348	3		
Stage 10			11,110	11,111	3		9,325	9,326	3		