

Downhole Schematic for SGU 8509A-36 B36 496



Project : North Piceance

API # : 05045198400000

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

Area : Story Gulch

County :

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

As Of : 06/29/2012

GL : 8352.0 ft

KB to GL : 22.0 ft

KB : 8374.0 ft

Set @	Casing Details Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
118	Conductor	30.000	20	52	118	120			Linepipe
-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	1,310	LT&C	J-55	Casing Joints
-4500 ft			9.625	36	36	6	LT&C	J-55	Mandrel+Pup
-5000 ft			9.625	36	30	27	LT&C	J-55	Landing Joint
-5500 ft	Production	7.875	5.625	0	12,276	2	Butt	P-110	Guide Shoe
-6000 ft			4.5	11.6	12,275	20	Butt	P-110	Short Jt. A
-6500 ft			5.0	0	12,254	2	Butt	P-110	Float Collar
-7000 ft			4.5	11.6	12,253	1,413	Butt	P-110	Casing
-7500 ft			4.5	11.6	10,839	20	Butt	P-110	Marker jt B
-8000 ft			4.5	11.6	10,819	2,193	Butt	P-110	Casing
-8500 ft			4.5	11.6	8,626	19	Butt	P-110	Marker jt C
-9000 ft			4.5	11.6	8,607	8,610	Butt	P-110	Casing
-6000 ft	Cement Details Section	Sequence	Top	Density	Blend / Additives				
-6500 ft	Production	Lead	5,404	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		Tail	7,860	13.0	Rockies Correct / D044 NaCl 5.0% BWOW, D 901 cement 80.0 lb/sk WBWOB, D035 extender 11.0 lb/sk WBWOB, D178 silica 35.0 BWOB, D020 extender 3.0% BWOB, D182 spacer 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				
-8000 ft	Conductor Surface	Lead	0	13.0	Control Set C / 9.0 LITECETE / 53lb/sk D124+ 37lb/sk D907 + 10lb/sk D154 + .800% D079+ .800% D065+ .400%D013+ 200% D046 + .250lb/skD029				
Tubing and Downhole Equipment									
	O.D.	Length	Depth	Description					
	0.000	22.00	22.00	KB					
	7.063	0.93	22.93	7-1/16" GE tbg Hanger					
	3.060	9,474.01	9,496.94	293 jts. 2-3/8 4.7# L80 Hyundai tbg. Korean					
	3.060	1.10	9,498.04	2-3/8" flag nipple					
	3.060	32.43	9,530.47	1 jt. 4.7# L80 Hyundai tbg.					
	3.060	1.10	9,531.57	2-3/8" Seating nipple					
	3.060	32.40	9,563.97	1 jt. 4.7# L80 Hyundai tbg.					
	3.060	0.80	9,564.77	Magnum burst disc					
	3.060	10.12	9,574.89	10ft 2-3/8" P110 slotted pup jt.					
	3.100	1.05	9,575.94	2 3/8" EUE Box to 2 7/8" FJ-2 Pin.					
	2.875	2,533.68	12,109.60	77 jts. 2 7/8" FJ-2 J55 6.17# Husteel tbg					
	2.875	0.33	12,110.00	2-7/8" Bullplug (FJ-2 box) = EOT					
	Perforations								
	Stage 1			Stage 3					
	Date	From	To	Shots	Date	From	To	Shots	
	01/24/2012	12,106	12,107	3	01/27/2012	11,438	11,439	3	
		12,103	12,104	3		11,386	11,387	3	
		12,027	12,028	3		11,377	11,378	3	
		12,005	12,006	3		11,371	11,372	3	
		11,963	11,964	3		11,358	11,359	3	
		11,944	11,945	3		11,342	11,343	3	
		11,941	11,942	3		11,330	11,331	3	
		11,888	11,889	3		11,304	11,305	3	
		11,884	11,885	3		11,289	11,290	3	
		11,821	11,822	3		11,264	11,265	3	
	Stage 10			Stage 4					
	Date	From	To	Shots	Date	From	To	Shots	
	02/09/2012	9,782	9,783	3	01/27/2012	11,236	11,237	3	
		9,775	9,776	3		11,233	11,234	3	
		9,752	9,753	3		11,222	11,223	3	
		9,746	9,747	3		11,178	11,179	3	
		9,717	9,718	3		11,135	11,136	3	
		9,706	9,707	3		11,093	11,094	3	
		9,689	9,690	3		11,047	11,048	3	
		9,676	9,677	3		11,044	11,045	3	
		9,581	9,582	3		10,989	10,990	3	
		9,565	9,566	3		10,966	10,967	3	
	Stage 11			Stage 5					
	Date	From	To	Shots	Date	From	To	Shots	
	02/10/2012	9,507	9,508	3	01/31/2012	10,939	10,940	3	
		9,486	9,487	3		10,915	10,916	3	
		9,480	9,481	3		10,903	10,904	3	
		9,466	9,467	3		10,889	10,890	3	
		9,423	9,424	3		10,870	10,871	3	
		9,401	9,402	3		10,854	10,855	3	
		9,353	9,354	3		10,837	10,838	3	
		9,342	9,343	3		10,792	10,793	3	
		9,333	9,334	3		10,783	10,784	3	
		9,288	9,289	3		10,760	10,761	3	
	Stage 12			Stage 6					
	Date	From	To	Shots	Date	From	To	Shots	
	02/13/2012	9,224	9,225	3	02/03/2012	10,692	10,693	3	
		9,213	9,214	3		10,667	10,668	3	
		9,190	9,191	3		10,630	10,631	3	
		9,157	9,158	3		10,575	10,576	3	
		9,140	9,141	3		10,557	10,558	3	
		9,127	9,128	3		10,546	10,547	3	
		9,042	9,043	3		10,527	10,528	3	
		9,013	9,014	3		10,516	10,517	3	
		8,969	8,970	3		10,496	10,497	3	
		8,954	8,955	3		10,485	10,486	3	
	Stage 13			Stage 7					
	Date	From	To	Shots	Date	From	To	Shots	
	02/14/2012	8,908	8,909	3	02/06/2012	10,426	10,427	3	
		8,896	8,897	3		10,406	10,407	3	
		8,856	8,857	3		10,382	10,383	3	
		8,835	8,836	3		10,366	10,367	3	
		8,806	8,807	3		10,354	10,355	3	
		8,784	8,785	3		10,342	10,343	3	
		8,760	8,761	3		10,320	10,321	3	
		8,734	8,735	3		10,300	10,301	3	
		8,696	8,697	3		10,275	10,276	3	
		8,682	8,683	3		10,233	10,234	3	
	Stage 14			Stage 8					
	Date	From	To	Shots	Date	From	To	Shots	
	02/16/2012	8,634	8,635	3	02/07/2012	10,196	10,197	3	
		8,612	8,613	3		10,187	10,188	3	
		8,586	8,587	3		10,157	10,158	3	
		8,560	8,561	3		10,147	10,148	3	
		8,495	8,496	3		10,126	10,127	3	
		8,446	8,447	3		10,107	10,108	3	
		8,435	8,436	3		10,095	10,096	3	
		8,377	8,378	3		10,036	10,037	3	
		8,374	8,375	3		10,028	10,029	3	
		8,340	8,341	3		10,019	10,020	3	
	Stage 2			Stage 9					