

Downhole Schematic for SGU 8515C-24 F25 496



Project :North Piceance

API # :05045197760000

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

Area : Story Gulch

County :

BHL : SWSE-24-4S-96 W 6th PM

As Of : 06/15/2012

GL : 8298.4 ft

KB to GL : 22.0 ft

KB : 8320.4 ft

Set @ 120	-500 ft	Casing Details	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
		Section	30.000	20	52.78	120			A53B	Line pipe	
		Conductor									
	-1000 ft	Surface	14.750	9.625	0	3,022	2	LT&C	J-55	Float Shoe	
	-1500 ft			9.625	36	3,021	44	LT&C	J-55	Casing	
				9.625	0	2,977	2	LT&C	J-55	Float Collar	
	-2000 ft			9.625	36	2,975	220	LT&C	J-55	Casing	
				9.625	0	2,755	2	LT&C	J-55	Air Collar	
	-2500 ft			9.625	36	2,753	1,187	LT&C	J-55	Casing	
				9.625	0	1,566	2	LT&C	J-55	Port Collar	
	-3000 ft			9.625	36	1,564	1,536	LT&C	J-55	Casing	
				9.625	36	28	5	LT&C	J-55	Casing Head	
	-3500 ft			9.625	36	24	28	LT&C	J-55	Landing Joint	
	-4000 ft	Production	8.750	4.5	0	13,083	2	Butt		Float Shoe	
				4.5	11.6	13,082	21	Butt	P110	Shoe Jt. "A"	
Set @ 3022	-4500 ft			4.5	0	13,060	2	Butt		Float Collar	
				4.5	11.6	13,059	1,457	Butt	P110	Casing	
	-5000 ft			4.5	11.6	11,601	22	Butt	P110	Marker Jt. "B"	
				4.5	11.6	11,579	3,085	Butt	P110	Casing	
	-5500 ft			4.5	11.6	8,494	21	Butt	P110	Marker Jt. "C"	
				4.5	11.6	8,473	8,477	Butt	P110	Casing	
	-6000 ft										
	-6500 ft	Cement Details									
		Section	Sequence	Top	Density	Blend / Additives					
	-7000 ft	Conductor	Tail	0	13.0	Control set C /					
		Surface	Fill	0	8.365	040 bbls S001 Solution / S001 30 lbs/bbl					
			Fill	0	9.7	60 bbls D075 Solution / D075 Extender + 18.0 gal/bbl of wash					
	-7500 ft		Fill	0	8.6	50 bbls Mud push II / 100.00 lb/bbl bw/v spacer + 125.3 lb/mgal					
						D031 + 10.0 lb/bbl B838					
	-8000 ft		Tail	0	9.0	9.0 LiteCrete / 100 lb/sk LiteCrete + 0.8% D079 + 0.2% D065 + 5%					
					D013 + 2% D046 + .25 lb/sk D029 + 2.0 lb/bbl D095						
	Production	Fill	0	11.0	MudPushII 50 BBLs / 144.8 Lbs/BBL D031+ 5.0 Lbs/BBL D182						
		Lead	4,460	12.0	12.0 ppg Poz/G NP Lead / 24.0 Lbs/sx D907 + 54.0 Lbs/sx D035 +						
					5% D044 + .2% D046 + 2% D079 + 1.2% D013 + .25 Lbs/sx D029 +						
		Tail	9,299	13.0	.5% D182						
					13.0 ppg Rockies Correct / 80 Lbs/sx D901 + 11 Lbs/sx D035 + 3%						
	-8500 ft				D020 + .2% D046 + .2% D065 + .75% D112 + 35% D178 + .4% D201						
					+ 5% D044 + .25 Lbs/sx D029 + .5% D182						
Stage 13		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 tbq Hanger						
		3.060	10,125.30	10,148.20	311jts. 2-3/8 4.7# L80 HUNDAI tbq Korean						
		3.060	1.10	10,149.30	2-3/8" flag nipple						
		3.060	32.56	10,181.90	1 jt. 4.7# L80 HUNDAI tbq						
	-9000 ft	3.060	1.10	10,183.00	2-3/8" Seating nipple						
		3.060	32.70	10,215.70	1 jt. 4.7# L80 HUNDAI tbq						
		3.060	0.77	10,216.50	Magnum burst disc						
		3.060	10.12	10,226.60	10ft 2-3/8" P110 slotted pup jt.						
		3.100	1.05	10,227.60	2 3/8" EUE Box to 2 7/8" FJ-L Pin.						
		2.875	2,106.62	12,334.30	64 jts. 2 7/8" FJ- thread). J55 6.17# HuSteel						
		2.875	0.34	12,334.60	2-7/8" Bull Plug (FJ Box) = EOT						
	Stage 12										
-9500 ft		Perforations									
		Stage 1	Date	From	To	Shots					
			05/02/2012	12,738	12,739	3		11,994	11,995	3	
				12,700	12,701	3		11,918	11,919	3	
				12,662	12,663	3		11,910	11,911	3	
				12,618	12,619	3		11,899	11,900	3	
				12,599	12,600	3		11,884	11,885	3	
				12,592	12,593	3		11,863	11,864	3	
-10000 ft				12,579	12,580	3	Stage 4	Date	From	To	Shots
				12,485	12,486	3		05/06/2012	11,808	11,809	3
				12,428	12,429	3			11,780	11,781	3
				12,422	12,423	3			11,720	11,721	3
									11,712	11,713	3
Stage 9			Stage 10	Date	From	To	Shots				
			05/12/2012	10,232	10,233	3			11,702	11,703	3
				10,222	10,223	3			11,668	11,669	3
	-10500 ft			10,142	10,143	3			11,659	11,660	3
				10,124	10,125	3			11,598	11,599	3
				10,116	10,117	3			11,590	11,591	3
				10,102	10,103	3			11,578	11,579	3
				10,086	10,087	3	Stage 5	Date	From	To	Shots
				10,034	10,035	3		05/07/2012	11,538	11,539	3
				9,962	9,963	3			11,516	11,517	3
				9,952	9,953	3			11,502	11,503	3
									11,438	11,439	3
									11,422	11,423	3
		Stage 11	Date	From	To	Shots			11,348	11,349	3
	Stage 6	-11000 ft		05/13/2012	9,940	9,941	3			11,340	11,341
				9,920	9,921	3			11,298	11,299	3
				9,873	9,874	3			11,290	11,291	3
				9,782	9,783	3			11,282	11,283	3
				9,754	9,755	3	Stage 6	Date	From	To	Shots
				9,744	9,745	3		05/08/2012	11,268	11,269	3
-11500 ft				9,728	9,729	3			11,258	11,259	3
				9,718	9,719	3			11,212	11,213	3
				9,710	9,711	3			11,208	11,209	3
				9,698	9,699	3			11,106	11,107	3
		Stage 12	Date	From	To	Shots			11,100	11,101	3
			05/14/2012	9,674	9,675	3			11,093	11,094	3
				9,640	9,641	3			11,068	11,069	3
				9,630	9,631	3			11,058	11,059	3
-12000 ft				9,601	9,602	3			11,051	11,052	3
Stage 2				9,582	9,583	3	Stage 7	Date	From	To	Shots
				9,540	9,541	3		05/09/2012	11,013	11,014	3
				9,506	9,507	3			10,958	10,959	3
				9,486	9,487	3			10,955	10,956	3
				9,462	9,463	3			10,948	10,949	3
				9,420	9,421	3			10,936	10,937	3
		Stage 13	Date	From	To	Shots			10,925	10,926	3
	-12500 ft		05/15/2012	9,310	9,311	3			10,912	10,913	3
				9,292	9,293	3			10,848	10,849	3
				9,280	9,281	3			10,838	10,839	3
				9,226	9,227	3			10,831	10,832	3
				9,210	9,211	3	Stage 8	Date	From	To	Shots
				9,178	9,179	3		05/10/2012	10,784	10,785	3
				9,136	9,137	3			10,778	10,779	3
				9,098	9,099	3			10,768	10,769	3
-13000 ft			9,079	9,080	3			10,660	10,661	3	
			9,062	9,063	3			10,652	10,653	3	
Set @ 13083		Stage 2	Date	From	To	Shots			10,638	10,639	3
			05/04/2012	12,360	12,361	3			10,590	10,591	3
				12,352	12,353	3			10,582	10,583	3
				12,341	12,342	3			10,571	10,572	3
				12,315	12,316	3			10,553	10,554	3
				12,259	12,260	3	Stage 9	Date	From	To	Shots
				12,240	12,241	3		05/11/2012	10,513	10,514	3
				12,236	12,237	3			10,500	10,501	3
				12,228	12,229	3			10,481	10,482	3
				12,198	12,199	3			10,448	10,449	3
				12,175	12,176	3			10,362	10,363	3
		Stage 3	Date	From	To	Shots			10,350	10,351	3