

Downhole Schematic for SGU 8504D-25 F25 496



Project : North Piceance		API # : 05045197620000		Surface Location : SENW Sec 25 T4S - R96W 6th PM									
Area : Story Gulch		County :		BHL : NENW-25-4S-96 W 6th PM									
As Of : 11/11/2011		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	Conductor	20.000	20	52.78	120	120		A53B	Line pipe	
		1000 ft	Surface		14.750	9.625	0	3,007	2	LT&C	J-55	Float Shoe	
						9.625	36	3,006	44	LT&C	J-55	Casing	
		1500 ft				9.625	0	2,961	2	LT&C	J-55	Float Collar	
						9.625	36	2,960	220	LT&C	J-55	Casing	
		2000 ft				9.625	0	2,740	2	LT&C	J-55	Air Collar	
						9.625	36	2,739	1,185	LT&C	J-55	Casing	
		2500 ft				9.625	0	1,553	2	LT&C	J-55	Port Collar	
						9.625	36	1,552	1,523	LT&C	J-55	Casing	
Set @ 3007		3000 ft			9.625	36	29	5	LT&C	J-55	Casing Head		
					9.625	36	24	28	Butt	J-55	Landing Joint		
		3500 ft	Production		8.750	4.5	0	12,559	2	Butt	P-110	Float Shoe	
					4.5	11.6	12,558	19	Butt	P-110	Shoe Jt.		
		4000 ft			4.5	0	12,538	2	Butt	P-110	Float Collar		
					4.5	11.6	12,537	1,490	Butt	P-110	Casing		
		4500 ft			4.5	11.6	11,046	20	Butt	P-110	Marker Jt. "B"		
					4.5	11.6	11,026	2,962	Butt	P-110	Casing		
		5000 ft			4.5	11.6	8,065	20	Butt	P-110	Marker Jt. "C"		
					4.5	11.6	8,044	8,048	Butt	P-110	Casing		
TOC @ 3684		6000 ft	Cement Details		Sequence	Top	Density	Blend / Additives					
			Section	Surface	Fill	0	9.7	D075 Solution / 80bbl CemNET Plus in mud					
				Fill	0	8.3	S001 30,000 lb/bbl BWVWashVO 1,200.00 lb / 10bbl water						
		6500 ft			Fill	0	0.0	/ 30bbl Zonelock					
					Fill	0	9.1	/ 80bbl CemNET plus					
		7000 ft			Fill	0	0.0	D182 5,000 lb/bbl BWVBASFLU 180.52 lb / 50 bbls					
					Lead	0	9.0	MUDPUSH @ 8.6 ppg with CemNET Plus					
								D907 37,000 lb/sk WTSK 41,699.00 lb / 41.6 / 1127sks 9.0ppg					
		7500 ft			Conductor	Tail	0	13.0	LiteCRETE				
					Production	Lead	0	11.0	Control set C /				
Stage 13					0	12.0	MudPush 50 BBLs / 144.8 Lbs/BBL D031 + 5.0 Lbs/BBL D182						
								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 +					
								.5% D182					
		8000 ft			Tail	8,592	13.0	13.0 ppg Rockies Correct / 80 Lbs/sx D901 + 11 Lbs/sx D035 + 3%					
								D020 + .2% D046 + .2% D065 + .75% D112 + 35% D178 + .4% D201					
								+ 5% D044 + .25 Lbs/sx D029 + .5% D182					
			Tubing and Downhole Equipment										
			O.D.	Length	Depth	Description							
			0.000	22.00	22.00	KB ISS Rig #20							
Stage 12		7.062	0.90	22.90	GE 7 1/16 Tubing Hanger								
		3.060	11,008.30	11,031.20	342 Jts 2 3/8 L-80 4.7# ISMT (India) Tubing								
		3.060	1.10	11,032.30	Flag Nipple								
		3.060	32.40	11,064.70	1 Jt 2 3/8 4.7# L-80 ISMT (India) Tubing								
		3.060	1.10	11,065.80	Seating Nipple								
		3.060	10.10	11,075.90	1 10' 2 3/8 4.6# Pup Joint								
		Perforations											
		Stage 1	Date	From	To	Shots							
			09/29/2011	12,406	12,407	3	11,659	11,660	3				
Stage 11			12,402	12,403	3	11,606	11,607	3					
			12,341	12,342	3	11,536	11,537	3					
			12,327	12,328	3	11,495	11,496	3					
			12,318	12,319	3	11,475	11,476	3					
			12,248	12,249	3	11,454	11,455	3					
			12,233	12,234	3								
			12,220	12,221	3								
			12,128	12,129	3								
			12,084	12,085	3								
Stage 10		Stage 4	Date	From	To	Shots							
			10/05/2011	11,429	11,430	3	11,659	11,660	3				
				11,398	11,399	3	11,606	11,607	3				
				11,346	11,347	3	11,536	11,537	3				
				11,343	11,344	3	11,495	11,496	3				
				11,294	11,295	3	11,475	11,476	3				
				11,252	11,253	3	11,454	11,455	3				
				11,200	11,201	3							
				11,190	11,191	3							
Stage 9		Stage 10	Date	From	To	Shots							
			10/20/2011	9,412	9,413	3	11,121	11,122	3				
				9,376	9,377	3	11,104	11,105	3				
				9,352	9,353	3							
				9,332	9,333	3							
				9,321	9,322	3							
				9,296	9,297	3							
				9,277	9,278	3							
				9,270	9,271	3							
Stage 8				9,209	9,210	3							
				9,198	9,199	3							
Stage 7		Stage 5	Date	From	To	Shots							
			10/07/2011	11,067	11,068	3							
				11,045	11,046	3							
				11,038	11,039	3							
				10,977	10,978	3							
				10,909	10,910	3							
				10,865	10,866	3							
				10,825	10,826	3							
				10,810	10,811	3							
Stage 6		Stage 6	Date	From	To	Shots							
			10/13/2011	10,769	10,770	3							
				10,722	10,723	3							
				10,696	10,697	3							
				10,691	10,692	3							
				10,667	10,668	3							
				10,583	10,584	3							
				10,515	10,516	3							
				10,497	10,498	3							
Stage 5				10,491	10,492	3							
				10,458	10,459	3							
				10,453	10,454	3							
Stage 4		Stage 7	Date	From	To	Shots							
			10/14/2011	10,415	10,416	3							
				10,405	10,406	3							
				10,393	10,394	3							
				10,347	10,348	3							
				10,323	10,324	3							
				10,306	10,307	3							
				10,285	10,286	3							
				10,263	10,264	3							
Stage 3		Stage 8	Date	From	To	Shots							
			10/17/2011	10,254	10,255	3							
				10,212	10,213	3							
				10,163	10,164	3							
				10,154	10,155	3							
				10,112	10,113	3							
				10,093	10,094	3							
				10,086	10,087	3							
				10,080	10,081	3							
Stage 2		Stage 9	Date	From	To	Shots							
			10/19/2011	9,956	9,957	3							
				9,901	9,902	3							
				9,878	9,879	3							
Stage 1		Stage 2	Date	From	To	Shots							
			10/03/2011	12,017	12,018	3							
				12,007	12,008	3							
				11,926	11,927	3							
				11,912	11,913	3							
				11,900	11,901	3							
				11,876	11,877	3							
				11,829	11,830	3							
				11,813	11,814	3							
Set @ 12559				11,793	11,794	3							
				11,763	11,764	3							
PBTD @ 12559 TD @ 12582		Stage 3	Date	From	To	Shots							
			10/04/2011	11,723	11,724	3							
				11,716	11,717	3							
				11,700	11,701	3							