

Downhole Schematic for SGU 8513D-24 F25 496



Project :North Piceance

Area : Story Gulch

As Of : 06/21/2012

API #:05045197610000

County :

GL : 8298.4 ft

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

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

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	30.000	20	52.78	120	120		A53B	Line pipe
	-1000 ft	Surface		14.750	9.625	0	3,020	2	LT&C	J-55	Float Shoe
	-1500 ft				9.625	36	3,020	32	LT&C	J-55	Pup Jt. / Landing Jt
	-2000 ft				9.625	36	2,986	44	LT&C	J-55	Casing
	-2500 ft				9.625	0	2,942	2	LT&C	J-55	Float Collar
	-3000 ft				9.625	36	2,941	220	LT&C	J-55	Casing
	-3500 ft				9.628	0	2,721	2	LT&C	J-55	Air Collar
	-4000 ft				9.625	36	2,719	1,227	LT&C	J-55	Casing
	-4500 ft				9.625	0	1,493	2	LT&C	J-55	Port Collar
Set @ 3020	-5000 ft				9.625	36	1,491	1,494	LT&C	J-55	Casing
	-3500 ft	Production		8.750	4.5	0	13,009	2	Butt	P-110	Float Shoe
	-4000 ft				4.5	11.6	13,007	20	Butt	P-110	Casing Shoe Jt
	-4500 ft				4.5	0	12,987	2	Butt	P-110	Float Collar
	-5000 ft				4.5	11.6	12,985	1,488	Butt	P-110	Casing
	-5500 ft				4.5	11.6	11,497	20	Butt	P-110	Casing Marker Jt
	-6000 ft				4.5	11.6	11,476	2,428	Butt	P-110	Casing
	-6500 ft				4.5	11.6	9,048	20	Butt	P-110	Casing Marker Jt
	-7000 ft				4.5	11.6	9,027	9,031	Butt	P-110	Casing
	Set @ 4458	-6000 ft	Cement Details								
-6500 ft		Section	Sequence	Top	Density	Blend / Additives					
-7000 ft		Conductor	Tail	0	13.0	Control Set C /					
-7500 ft		Surface	Fill	0	8.6	Mud Push / D182 5.000 lb/bbl BWVBASFLU 180.52 lb 180.52 lb					
-8000 ft						D024 100.000 lb/bbl BWVSpacerVO 5,000.00 lb 5,000.00 lb					
-8500 ft						D031 125.298 lb/mgal BWVSpacerVO 263.12 lb 263.12 lb					
-9000 ft						D154 10.000 lb/sk WTSK 11,270.00 lb 11,270.00 lb					
-9500 ft						D124 53.000 lb/sk WTSK 59,731.00 lb 59,731.00 lb					
-10000 ft						D079 0.800 % BWOB 901.60 lb 901.60 lb					
-10500 ft						D065 0.200 % BWOB 225.40 lb 225.40 lb					
Set @ 13009	-11000 ft					D013 0.500 % BWOB 563.50 lb 563.50 lb					
	-11500 ft					D046 0.200 % BWOB 225.40 lb 225.40 lb					
	-12000 ft					D029 0.250 lb/sk WTSK 281.75 lb 281.75 lb					
	-12500 ft					50 bbls MudPush II / 177.900 lb/bbl D031 + 5.5 lb/bbl D182					
	-13000 ft					D044 + 0.2% D046 + 2.0% D079 + 1.300% D013 + 0.250 LB/sks					
	-13500 ft					D029 + 0.5% D182					
	-14000 ft					13.0 Rockies GMS Enc / 80.000 lb/sks + 11.000lb/sks D035 +					
	-14500 ft					3.000% D020 + 0.200% D046 + 0.200% D065 + 0.753% D112 +					
	-15000 ft					35.000% D178 + 0.400% D201 + 5.000% D044 + 0.250 lb/sks D029					
	-15500 ft					+ 0.500% D182					
Set @ 12985	-9000 ft	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 tbgr. hanger						
		3.063	10,935.00	10,957.90	336 jts. 2 3/8" L80 4.7# Hyundai tbgr.						
		3.063	1.10	10,959.00	2 3/8" seating nipple						
		3.063	32.68	10,991.70	1 jt. 2 3/8" L80 4.7# Hyundai tbgr.						
	-9500 ft	Perforations									
		Stage 1									
		Date	From	To	Shots						
Set @ 13025	-9500 ft	05/15/2012	12,666	12,667	3		11,950	11,951	3		
			12,657	12,658	3		11,933	11,934	3		
			12,601	12,602	3		11,919	11,920	3		
			12,563	12,564	3		11,894	11,895	3		
			12,553	12,554	3		11,882	11,883	3		
			12,536	12,537	3		11,868	11,869	3		
			12,506	12,507	3						
			12,393	12,394	3						
			12,319	12,320	3						
			12,304	12,305	3						
Set @ 12985	-10000 ft	Stage 4									
		Date	From	To	Shots						
		05/18/2012	11,840	11,841	3						
			11,747	11,748	3						
			11,714	11,715	3						
			11,702	11,703	3						
			11,696	11,697	3						
			11,681	11,682	3						
			11,631	11,632	3						
			11,616	11,617	3						
Set @ 12985	-10500 ft	Stage 5									
		Date	From	To	Shots						
		05/23/2012	11,566	11,567	3						
			11,512	11,513	3						
			11,476	11,477	3						
			11,439	11,440	3						
			11,427	11,428	3						
			11,419	11,420	3						
			11,386	11,387	3						
			11,362	11,363	3						
Set @ 12985	-11000 ft	Stage 6									
		Date	From	To	Shots						
		05/24/2012	11,303	11,304	3						
			11,255	11,256	3						
			11,213	11,214	3						
			11,168	11,169	3						
			11,160	11,161	3						
			11,130	11,131	3						
			11,093	11,094	3						
			11,041	11,042	3						
Set @ 12985	-11500 ft	Stage 7									
		Date	From	To	Shots						
		05/26/2012	10,918	10,919	3						
			10,892	10,893	3						
			10,876	10,877	3						
			10,866	10,867	3						
			10,852	10,853	3						
			10,822	10,823	3						
			10,786	10,787	3						
			10,743	10,744	3						
Set @ 12985	-12000 ft	Stage 8									
		Date	From	To	Shots						
		05/27/2012	10,709	10,710	3						
			10,684	10,685	3						
			10,642	10,643	3						
			10,604	10,605	3						
			10,588	10,589	3						
			10,543	10,544	3						
			10,518	10,519	3						
			10,478	10,479	3						
Set @ 12985	-12500 ft	Stage 9									
		Date	From	To	Shots						
		05/27/2012	10,436	10,437	3						
			10,430	10,431	3						
			10,415	10,416	3						
			10,387	10,388	3						
			10,298	10,299	3						
			10,271	10,272	3						
			10,227	10,228	3						
			10,194	10,195	3						
Set @ 13009	-13000 ft	Stage 10									
		Date	From	To	Shots						
		05/17/2012	10,185	10,186	3						
			10,179	10,180	3						
			10,130	10,131	3						
			12,240	12,241	3						
			12,221	12,222	3						
			12,210	12,211	3						
			12,197	12,198	3						
			12,176	12,177	3						
Set @ 12985	-13500 ft	Stage 11									
		Date	From	To	Shots						
		05/17/2012	12,157	12,158	3						
			12,118	12,119	3						
			12,097	12,098	3						
			12,086	12,087	3						
			12,072	12,073	3						
			12,051	12,052	3						
			12,037	12,038	3						
			9,020	9,021	3						
Set @ 12985	-14000 ft	Stage 12									
		Date	From	To	Shots						
		05/17/2012	9,002	9,003	3						
			8,990	8,991	3						
			8,985	8,986	3						
			8,959	8,960	3						
			12,037	12,038	3						
			12,018	12,019	3						
			12,000	12,001	3						
			11,981	11,982	3						
Set @ 12985	-14500 ft	Stage 13									
		Date	From	To	Shots						
		05/17/2012	11,962	11,963	3						
			11,943	11,944	3						
			11,924	11,925	3						
			11,905	11,906	3						
			11,886	11,887	3						
			11,867	11,868	3						
			11,848	11,849	3						
			11,829	11,830	3						
Set @ 12985	-15000 ft	Stage 14									
		Date	From	To	Shots						
		05/17/2012	11,810	11,811	3						
			11,791	11,792							