

Downhole Schematic for Story Gulch Unit 8504A-25 F25 496



Project :North Piceance

API # :0504519080000

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

Area :Story Gulch

County :

BHL :NWNW-25-4S-96 W 6th PM

As Of : 12/08/2010

GL : 8298.4 ft

KB to GL : 22.0 ft

KB : 8320.4 ft

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Casing Details									
Conductor	30.000	20	52.78	120	120		A53B	Line Pipe	
Surface	14.750	9.625	0	3,025	2	LT&C	K-55	Float Shoe	
		9.625	36	3,024	44	LT&C	J-55	Casing	
		9.625	0	2,980	2	LT&C	K-55	Float Collar	
		9.625	36	2,978	471	LT&C	J-55	Casing	
		9.625	0	2,507	2	LT&C	J-55	Air Collar	
		9.625	36	2,505	893	LT&C	J-55	Casing	
		9.625	0	1,612	2	LT&C	J-55	Port Collar	
		9.625	36	1,610	1,582	LT&C	J-55	Casing	
		9.625	36	28	5	LT&C	J-55	Well head & Pup Jt.	
		9.625	36	23	28	LT&C	J-55	Landing Jt.	
Production	8.750	4.5	0	12,697	2	Butt	P110	Float Shoe	
		4.5	11.6	12,696	22	Butt	P110	Casing shoe jt.	
		4.5	0	12,674	2	Butt	P110	Float Collar	
		4.5	11.6	12,672	1,463	Butt	P110	Casing	
		4.5	11.6	11,209	21	Butt	P110	Casing marker jt.	
		4.5	11.6	11,188	3,051	Butt	P110	Casing	
		4.5	11.6	8,137	20	Butt	P110	Casing marker jt.	
		4.5	11.6	8,117	5,313	Butt	P110	Casing	
		4.5	0	2,803	2	Butt	P110	Port Collar	
		4.5	11.6	2,801	2,807	Butt	P110	Casing	
Cement Details									
Surface	Fill	Top	Density	Blend / Additives					
		0	8.6	Cemnet & Mud/Zone lock/ mud push / 160 bbls cemnet + mud 30 bbls zone lock + 50bbls Mud Push					
	Tail	0	9.0	9.0 Lite Crete Blend /					
Conductor	Tail	0	13.0	0.8%D079+0.8%D065+0.4%D013+2%D046+0.25pps D029					
Production	Scavenger	0	9.4	Control Set C /					
	Lead	2,468	9.6	50 bbls MudPush / 47 bbls H2O + 3172lb D031 + 262lb D182 + 5500lb D024					
	Lead	3,025	12.0	LiteCrete / 0.4%D065 + 1% D198 + 0.5% D046 + 0.25pps D029					
	Tail	7,603	13.0	TXI LS Lead / D049 + 1% D79 + 0.1% D112 + 0.8% D13 + 0.5% D46 + 0.25lb/sk D029					
				Rockies Correct GMS Enc / 35% D178 + 5% D044 + 3% D020 + 0.4% D182 + 0.75% D112 + 0.3% D201 + .02% D065 + 0.2% D046 + 0.25pps D029					
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	22.00	22.00	KB						
7.063	0.80	22.80	Woodgroup 7 1/16 Tbg Hanger						
2.375	10,892.00	10,914.80	331 Jts 2 3/8 L80 4.7# Korean (Seah) Tbg						
2.375	1.10	10,915.90	2 3/8 Flag Nipple						
2.375	32.90	10,948.80	1 JT 2 3/8 L80 4.7# Korean (Seah) Tbg						
2.375	1.10	10,949.90	2 3/8 Seat Nipple						
2.375	10.10	10,960.00	10FT L80 Pup Jt						
Perforations									
Stage 1	Date	From	To	Shots	Stage 5	Date	From	To	Shots
	11/06/2010	12,465	12,466	3		11/11/2010	10,956	10,957	3
		12,398	12,399	3			10,916	10,917	3
		12,392	12,393	3			10,904	10,905	3
		12,385	12,386	3			10,856	10,857	3
		12,260	12,261	3			10,837	10,838	3
		12,254	12,255	3			10,808	10,809	3
		12,145	12,146	3			10,770	10,771	3
		12,108	12,109	3			10,759	10,760	3
		12,086	12,087	3			10,726	10,727	3
		12,067	12,068	3			10,706	10,707	3
Stage 2	Date	From	To	Shots	Stage 6	Date	From	To	Shots
	11/18/2010	8,932	8,933	3		11/11/2010	10,613	10,614	3
		8,915	8,916	3			10,566	10,567	3
		8,895	8,896	3			10,539	10,540	3
		8,865	8,866	3			10,519	10,520	3
		8,815	8,816	3			10,422	10,423	3
		8,790	8,791	3			10,410	10,411	3
		8,758	8,759	3			10,385	10,386	3
		8,735	8,736	3			10,340	10,341	3
		8,720	8,721	3			10,324	10,325	3
		8,685	8,686	3			10,280	10,281	3
Stage 3	Date	From	To	Shots	Stage 7	Date	From	To	Shots
	11/08/2010	12,027	12,028	3		11/16/2010	10,116	10,117	3
		12,005	12,006	3			10,087	10,088	3
		11,992	11,993	3			10,054	10,055	3
		11,970	11,971	3			9,972	9,973	3
		11,942	11,943	3			9,923	9,924	3
		11,930	11,931	3			9,909	9,910	3
		11,917	11,918	3			9,895	9,896	3
		11,835	11,836	3			9,867	9,868	3
		11,816	11,817	3			9,803	9,804	3
		11,778	11,779	3			9,790	9,791	3
Stage 4	Date	From	To	Shots	Stage 8	Date	From	To	Shots
	11/09/2010	11,662	11,663	3		11/16/2010	9,605	9,606	3
		11,613	11,614	3			9,570	9,571	3
		11,596	11,597	3			9,556	9,557	3
		11,546	11,547	3			9,530	9,531	3
		11,508	11,509	3			9,438	9,439	3
		11,462	11,463	3			9,408	9,409	3
		11,411	11,412	3			9,390	9,391	3
		11,400	11,401	3			9,350	9,351	3
		11,358	11,359	3			9,330	9,331	3
		11,346	11,347	3			9,315	9,316	3
Stage 5	Date	From	To	Shots	Stage 9	Date	From	To	Shots
	11/10/2010	11,289	11,290	3		11/17/2010	9,183	9,184	3
		11,261	11,262	3			9,154	9,155	3
		11,245	11,246	3			9,143	9,144	3
		11,156	11,157	3			9,123	9,124	3
		11,116	11,117	3			9,095	9,096	3
		11,064	11,065	3			9,074	9,075	3
		11,050	11,051	3			9,046	9,047	3
		11,037	11,038	3			9,033	9,034	3
		11,018	11,019	3			8,994	8,995	3
		10,992	10,993	3			8,970	8,971	3

Frac Summary

Stage 1 : 12,067 - 12,466, 30 - 0.420" shots, 7360 bbls of Slickwater, 49606 lbs of 100 Sand Report Date: 11/08/2010

Stage 2 : 11,778 - 12,028, 30 - 0.420" shots, 8968 bbls of Slickwater, 59601 lbs of 100 Sand Report Date: 11/09/2010

Stage 3 : 11,346 - 11,663, 30 - 0.420" shots, 8142 bbls of Slickwater, 54605 lbs of 100 Sand Report Date: 11/10/2010

Stage 4 : 10,992 - 11,290, 30 - 0.420" shots, 7430 bbls of Slickwater, 49636 lbs of 100 Sand Report Date: 11/11/2010

Stage 5 : 10,706 - 10,957, 30 - 0.420" shots, 7969 bbls of Slickwater, 53850 lbs of 100 Sand Report Date: 11/11/2010

Stage 6 : 10,280 - 10,614, 30 - 0.420" shots, 12007 bbls of Slickwater, 82176 lbs of 100 Sand Report Date: 11/15/2010

Stage 7 : 9,790 - 10,117, 30 - 0.420" shots, 7078 bbls of Slickwater, 47112 lbs of 100 Sand Report Date: 11/16/2010

Stage 8 : 9,315 - 9,606, 30 - 0.420" shots, 9979 bbls of Slickwater, 67532 lbs of 100 Sand Report Date: 11/17/2010

Stage 9 : 8,970 - 9,184, 30 - 0.420" shots, 10023 bbls of Slickwater, 67931 lbs of 100 Sand Report Date: 11/17/2010

Set @ 12697 PBDT @ 12638 TD @ 12720

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