

Downhole Schematic for Story Gulch Unit 8505B-25 F25 496



Project : North Piceance

API # : 05045190840000

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

Area : Story Gulch

County :

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

As Of : 10/28/2010

GL : 8298.4 ft

KB to GL : 22.0 ft

KB : 8320.4 ft

Set @	TOC @	Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
120	87	Conductor	30.000	20	52.78	120	120		A53B	Line Pipe	
		Surface	14.750	9.625	0	3,014	2	LT&C	K-55	Float Shoe	
				9.625	36	3,013	42	LT&C	J-55	Casing	
				9.625	0	2,970	2	LT&C	K-55	Float Collar	
				9.625	36	2,969	464	LT&C	J-55	Casing	
				9.625	0	2,505	2	LT&C	K-55	Air Collar	
				9.625	36	2,503	939	LT&C	J-55	Casing	
				9.625	0	1,564	2	LT&C	K-55	Port Collar	
				9.625	36	1,562	1,534	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	K-55	Landing Jt.	
		Production	8.750	4.5	0	12,190	2	LT&C		Texas Shoe A	
				4.5	11.6	12,189	22	LT&C	P110	Shoe Joing	
				4.5	0	12,167	2	LT&C		Float Collar B	
				4.5	11.6	12,165	22	LT&C	P110	Float Collar	
				4.5	0	12,143	2	LT&C		Float Collar C	
				4.5	11.6	12,142	1,459	LT&C	P110	Casing	
				4.5	11.6	10,683	22	LT&C	P110	Marker Joint D	
				4.5	11.6	10,661	2,747	LT&C	P110	Casing	
				4.5	11.6	7,913	22	LT&C	P110	Marker Joint E	
				4.5	11.6	7,892	1,034	LT&C	P110	Casing	
				4.5	0	6,858	2	LT&C		DV Tool F	
				4.5	11.6	6,856	6,861	LT&C	P110	Casing	
		Cement Details									
		Surface		Sequence	Top	Density	Blend / Additives				
				Fill	0	8.6	Cemnet & Mud / zone lock/ mud push / 160 bbs cemnet + mud 30				
				Tail	87	9.0	bbls zone lock + 50bbls Mud Push				
		Production		Fill	0	8.3	9.0 Lite Crete Blend / 0.8%D079 + 0.8% D065 + 0.4% D013 + 2%				
				Scavenger	0	10.0	D046 + 0.25pps D029				
				Fill	0	8.3	CW7 / 5gal D122A pre 10bbls Water				
				Scavenger	0	8.9	Mudpush / 28 bbls H20 + 3000 lb D031 and 150 lbs D182				
				Lead	2,200	9.0	CW7 / 5gal D122A pre 10bbls Water				
				Tail	2,500	15.8	Mudpush / 29 bbls H20 + 1000 lb D031 + 160 lbs D182				
				Lead	6,855	11.0	LiteCRETE / LiteCRETE Blend + 0.8%D079 + 0.8%D065 +				
				Tail	8,104	13.0	0.6%D013 + 0.2%D046 + 0.25pps D029				
							G Tail / D907 + 0.2%D112 + 0.2%D013 + 0.2%D065 + 0.2%D046 +				
							0.25pps D29				
							Extended Lead / 50/50 Poz/G + 5.0%D044 + 12.0%D020 +				
							2.0%D79 + 1.6%D013 + 0.2%D046 + 0.25ppsD029				
							Rockies Correct GMS / Rockies CORRECT + 35%D178 + 5%D044				
							+ 3%D020 + 0.4%D182 + 0.75%D112 + 0.3%D201 + 0.2%D065 +				
							0.2%D046 + 0.25pps D029				
							Control Set C /				
		Conductor		Tail	0	13.0					
		Tubing and Downhole Equipment									
		O.D.	Length	Depth	Description						
		0.000	22.00	22.00	KB ISS Rig #20						
		7.060	0.90	22.90	Wood Group 7 1/16 Tubing Hanger						
		3.375	10,880.80	10,903.70	Jts 2 3/8 L-80 4.6# Columbia Tubing						
		2.375	1.10	10,904.80	Flag Nipple						
		2.375	32.97	10,937.80	1- Jt 2 3/8 L-80 4.6# Columbia Tubing						
		2.375	1.10	10,938.90	Seating Nipple						
		2.375	10.10	10,949.00	1- 10' 2 3/8 L-80 4.6# Pup Joint						
		Perforations									
		Stage 1									
		Date	From	To	Shots						
		09/28/2010	12,034	12,035	3						
			12,025	12,026	3						
			12,013	12,014	3						
			11,879	11,880	3						
			11,877	11,878	3						
			11,824	11,825	3						
			11,815	11,816	3						
			11,798	11,799	3						
			11,780	11,781	3						
			11,772	11,773	3						
		Stage 2									
		Date	From	To	Shots						
		10/01/2010	11,696	11,697	3						
			11,692	11,693	3						
			11,650	11,651	3						
			11,636	11,637	3						
			11,626	11,627	3						
			11,611	11,612	3						
			11,600	11,601	3						
			11,574	11,575	3						
			11,562	11,563	3						
			11,498	11,499	3						
		Stage 3									
		Date	From	To	Shots						
		10/04/2010	11,447	11,448	3						
			11,409	11,410	3						
			11,382	11,383	3						
			11,334	11,335	3						
			11,306	11,307	3						
			11,270	11,271	3						
			11,264	11,265	3						
			11,226	11,227	3						
			11,207	11,208	3						
			11,182	11,183	3						
		Stage 4									
		Date	From	To	Shots						
		10/04/2010	11,138	11,139	3						
			11,133	11,134	3						
			11,081	11,082	3						
			11,062	11,063	3						
			10,987	10,988	3						
			10,962	10,963	3						
			10,897	10,898	3						
			10,862	10,863	3						
			10,845	10,846	3						
			10,833	10,834	3						
		Stage 5									
		Date	From	To	Shots						
		10/05/2010	10,786	10,787	3						
			10,778	10,779	3						
			10,762	10,763	3						
			10,696	10,697	3						
		Stage 6									
		Date	From	To	Shots						
		10/05/2010	10,504	10,505	3						
			10,498	10,499	3						
			10,469	10,470	3						
			10,464	10,465	3						
			10,458	10,459	3						
			10,424	10,425	3						
			10,417	10,418	3						
			10,381	10,382	3						
			10,353	10,354	3						
			10,325	10,326	3						
		Stage 7									
		Date	From	To	Shots						
		10/15/2010	10,235	10,236	3						
			10,206	10,207	3						
			10,192	10,193	3						
			10,174	10,175	3						
			10,090	10,091	3						
			10,056	10,057	3						
			10,003	10,004	3						
			9,990	9,991	3						
			9,964	9,965	3						
			9,936	9,937	3						
		Stage 8									
		Date	From	To	Shots						
		10/20/2010	9,835	9,836	3						
			9,789	9,790	3						
			9,782	9,783	3						
			9,722	9,723	3						
			9,703	9,704	3						
			9,671	9,672	3						
			9,660	9,661	3						
			9,639	9,640	3						
			9,614	9,615	3						
			9,600	9,601	3						
		Stage 9									
		Date	From	To	Shots						
		10/21/2010	9,568	9,569	3						
			9,552	9,553	3						
			9,538	9,539	3						
			9,491	9,492	3						
			9,445	9,446	3						
			9,434	9,435	3						
			9,382	9,383	3						
			9,362	9,363	3						
			9,304	9,305	3						
			9,296	9,297	3						

Set @ 12190

TD @ 12215

Frac Summary

Stage 1 : 11,772 - 12,035, 30 - 0.420" shots, 7016 bbls of Slickwater, 45834 lbs of 30-50 Sand Report Date: 10/01/2010
 Stage 2 : 11,498 - 11,697, 30 - 0.420" shots, 6546 bbls of Slickwater, 39166 lbs of 30-50 Sand Report Date: 10/01/2010
 Stage 3 : 11,182 - 11,448, 30 - 0.420" shots, 4397 bbls of Slickwater, 27924 lbs of 30-50 Sand Report Date: 10/04/2010
 Stage 4 : 10,833 - 11,139, 30 - 0.420" shots, 5319 bbls of Slickwater, 34585 lbs of 20-40 Sand Report Date: 10/05/2010
 Stage 5 : 10,537 - 10,787, 30 - 0.420" shots, 4658 bbls of Slickwater, 29586 lbs of 20-40 Sand Report Date: 10/05/2010
 Stage 6 : 10,325 - 10,505, 30 - 0.420" shots, 4358 bbls of Slickwater, 27907 lbs of 20-40 Sand Report Date: 10/07/2010
 Stage 7 : 9,936 - 10,236, 30 - 0.420" shots, 11290 bbls of Slickwater, 76675 lbs of 20-40 Sand Report Date: 10/20/2010
 Stage 8 : 9,600 - 9,936, 30 - 0.420" shots, 5275 bbls of Slickwater, 35447 lbs of 20-40 Sand Report Date: 10/20/2010