

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



Project :North Piceance

API # :05045190870000

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

Area : Story Gulch

County :GARFIELD

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

As Of : 10/29/2010

GL : 8298.4 ft

KB to GL : 22.0 ft

KB : 8320.4 ft

Set @ 120	TOC @ 81	500 ft	Casing Details		Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
			Section	Conductor								
Set @ 3022	TOC @ 1380	1000 ft	Surface	14.750	9.625	0	3,022	2	LT&C	K-55	Float Shoe	
					9.625	36	3,021	44	LT&C	J-55	Casing	
		1500 ft			9.625	0	2,977	2	LT&C	K-55	Float Collar	
					9.625	36	2,975	473	LT&C	J-55	Casing	
		2000 ft			9.625	0	2,503	2	LT&C	K-55	Air Collar	
					9.625	36	2,501	930	LT&C	J-55	Casing	
		2500 ft			9.625	0	1,571	2	LT&C	K-55	Port Collar	
					9.625	36	1,569	1,540	LT&C	J-55	Casing	
		3000 ft			9.625	36	29	5	LT&C	J-55	Well head & Pup Jt.	
					9.625	36	24	28	LT&C	J-55	Landing Jt.	
		3500 ft	Production	8.750	4.5	0	12,240	2	LT&C	P-110	Float Shoe	
					4.5	11.6	12,239	22	LT&C	P-110	Casing	
					4.5	0	12,217	2	LT&C	P-110	Float Collar	
		4500 ft			4.5	11.6	12,215	1,479	LT&C	P-110	Casing	
					4.5	11.6	10,736	22	LT&C	P-110	Marker Jt.	
					4.5	11.6	10,714	2,812	LT&C	P-110	Casing	
		5000 ft			4.5	11.6	7,901	22	LT&C	P-110	Marker Jt.	
					4.5	11.6	7,880	3,877	LT&C	P-110	Casing	
		5500 ft			4.5	11.6	4,003	2	LT&C	P-110	Port Collar	
					4.5	11.6	4,001	4,007	LT&C	P-110	Casing	
		Stage 13		6500 ft	Cement Details		Sequence	Top	Density	Blend / Additives		
7000 ft	Section			Surface	Fill							
7500 ft					Tail	81	9.0	160 bbls Mud / CemNET Plus +10 bbls H2O+ 20 bbls s001+ 20 bbls H2O + 30 bbls Zone lock + 10 bbls H2O + 45 Mud Push 215 lbs D182 + 775 lbs D031				
	Production			Fill		0	8.4	9.0 Lite CRETE / 0.8%D079+0.8%D065+0.4%D013+0.2%D046+0.25pps D029				
				Scavenger		0	9.4	20 bbls CW7 / 5 gal 122A per 10bbls Water				
				Lead		1,380	9.6	30bbls MUDPUSH / 28 bbls H2O + 2000 lb D031 + 126 lbs D182				
				Tail		6,000	13.0	9.6 Mild Pressure LiteCRETE / LiteCRETE Blend + 0.4%D065+1%D198+0.5%D046+0.25pps D029				
								13.0ppg Rockies CORRECT GMS Enc / Rockies CORRECT + 35%D178+5%D044+3%D020+0.4%D182+0.75%D112+0.35%D201+0.2%D065+0.2%D046+0.25pps D029				
8000 ft	Conductor			Tail		0	13.0	Control Set C /				
Stage 12				Tubing and Downhole Equipment								
			O.D.	Length	Depth	Description						
			0.000	22.00	22.00	KB ISS Rig #20						
			7.062	0.90	22.90	Wood Group 7 1/16 Tubing Hanger						
			2.375	10,542.90	10,565.80	Jts 2 3/8 L-80 4.6# USA Tubing						
			2.375	1.10	10,566.90	Flag Nipple						
			2.375	32.95	10,599.80	1 Jt 2 3/8 4.6# L-80 USA Tubing						
		8500 ft	2.375	1.10	10,600.90	Seating Nipple						
			2.375	10.10	10,611.00	1 10' 2 3/8 4.6# Pup Joint						
Stage 11		Perforations		Stage 1	Date	From	To	Shots				
					09/28/2010	12,097	12,098	3				
						12,091	12,092	3				
						12,039	12,040	3				
						12,027	12,028	3				
Stage 10						11,996	11,997	3				
						11,990	11,991	3				
						11,968	11,969	3				
						11,942	11,943	3				
						11,916	11,917	3				
Stage 9						11,900	11,901	3				
						9,477	9,478	3				
						9,470	9,471	3				
						9,444	9,445	3				
						9,436	9,437	3				
Stage 8						9,396	9,397	3				
						9,374	9,365	3				
						9,332	9,333	3				
						9,314	9,315	3				
						9,272	9,273	3				
Stage 7						9,260	9,261	3				
						9,227	9,228	3				
						9,224	9,225	3				
						9,219	9,220	3				
						9,167	9,168	3				
Stage 6						9,144	9,145	3				
						9,069	9,070	3				
						9,064	9,065	3				
						8,991	8,992	3				
						8,963	8,964	3				
Stage 5						8,954	8,955	3				
						8,897	8,898	3				
						8,887	8,888	3				
						8,784	8,785	3				
						8,773	8,774	3				
Stage 4						8,764	8,765	3				
						8,733	8,734	3				
						8,714	8,715	3				
						8,685	8,686	3				
						8,674	8,675	3				
Stage 3						8,652	8,653	3				
						10,432	10,433	3				
						10,423	10,424	3				
						10,390	10,391	3				
						10,372	10,373	3				
Stage 2						10,342	10,343	3				
						10,280	10,281	3				
						10,274	10,275	3				
						10,202	10,203	3				
						10,200	10,201	3				
Stage 1						10,155	10,156	3				
						10,138	10,139	3				
						10,046	10,047	3				
						10,003	10,004	3				
						9,970	9,971	3				
Set @ 12240	PBDT @ 12202 TD @ 12265					9,948	9,949	3				
						9,930	9,931	3				
						9,903	9,904	3				
						9,756	9,757	3				
						9,747	9,748	3				
				9,741	9,742	3						
				9,707	9,708	3						
Report by Decision Dynamics Technology Ltd. Wellcore						9,652	9,653	3				
						9,635	9,636	3				
						9,612	9,613	3				
						9,580	9,581	3				
						9,532	9,533	3				
				9,527	9,528	3						
				9,507	9,508	3						
				9,487	9,488	3						
				9,467	9,468	3						
				9,447	9,448	3						
				9,427	9,428	3						
				9,407	9,408	3						
				9,387	9,388	3						
				9,367	9,368	3						
				9,347	9,348	3						
				9,327	9,328	3						
				9,307	9,308	3						
				9,287	9,288	3						
				9,267	9,268	3						
				9,247	9,248	3						
				9,227	9,228	3						
				9,207	9,208	3						
				9,187	9,188	3						
				9,167	9,168	3						
				9,147	9,148	3						
				9,127	9,128	3						
				9,107	9,108	3						
				9,087	9,088	3						
				9,067	9,068	3						
				9,047	9,048	3						
				9,027	9,028	3						
				9,007	9,008	3						
				8,987	8,988	3						
				8,967	8,968	3						