

Downhole Schematic for N Parachute MF03C-16 H17 696



Project :North Piceance		API # :05045186920000		Surface Location : SENE/Lot7 Sec 17 T6S - R96W 6t						
Area : N Parachute		County :		BHL : Lot 6-16-6S-96 W 6th PM						
As Of :		GL : 5654.0 ft		KB to GL : 22.0 ft		KB : 5676.0 ft				
Set @ 182	Casing Details		Hole 26.000	Casing	Mass 0	Set At 182	Length 182	Thread	Grade	Description Line Pipe
	Section									
	Conductor									
	Surface									
	-500 ft	Surface	12.250	9.625	0	1,610	2	LT&C		Float Shoe
				9.625	36	1,609	44	LT&C	J55	Shoe Jt.
				9.625	36	1,564	1,538	LT&C	J55	Casing
	-1000 ft			9.625	36	1,564	5	ST&C	J55	Wellhead Assm
				9.625	36	22	26	LT&C	J55	Landing Joint
Set @ 1610	-1500 ft	Production	8.750	5	0	7,800	2	Butt	L-80	Shoe
				4.5	11.6	7,799	23	Butt	E-80	Shoe Jnt
				5	0	7,776	2	Butt	L-80	Float Collar
				4.5	11.6	7,774	1,469	Butt	E-80	Casing
				4.5	11.6	6,305	23	Butt	E-80	Marker Jnt
TOC @ 1880	-2000 ft			4.5	11.6	6,283	2,351	Butt	E-80	Casing
				4.5	11.6	3,931	23	Butt	E-80	Marker Jnt
				4.5	11.6	3,909	3,912	Butt	E-80	Casing
	-2500 ft	Cement Details								
		Section	Sequence	Top	Density	Blend / Additives				
	-3000 ft	Production	Scavenger	0	12.0	MUDPUSH II / 30 bbl 100# D182+6600#D031				
		Lead	1,880	12.5	12.5ppg NPR (Poz A) / 5.0% D044+0.2% D046 + 1.2% D113 + 0.5% D182 + 0.25 PPS D029 + 2.0% D079					
		Tail	3,491	13.0	13.0 PPG Poz "G" - Rockies Correct / 5.0% D044 + 35% D178+3.0% D020 + 0.50% D182 + 0.750% D112 +0.40% D201% +0.2% D065+ 0.2% D046 + 0.25 % D029 +11% D035					
	-3500 ft	Conductor	Lead	0	13.0	Control Set C /				
		Surface	Tail	0	12.5	"G" / G+2.0%D079+0.2%D46+0.25 pps D29				
	-4000 ft			1,042	14.0	"G" / G+1%D79+0.2%D46+0.25pps D29				
		Perforations								
		Stage 1					Stage 4			
		Date	From	To	Shots	Date	From	To	Shots	
		08/09/2011	7,635	7,636	3	08/16/2011	6,739	6,740	3	
Stage 12		7,627	7,628	3		6,728	6,729	3		
		7,615	7,616	3		6,685	6,686	3		
		7,569	7,570	3		6,652	6,653	3		
		7,553	7,554	3		6,612	6,613	3		
		7,530	7,531	3		6,589	6,590	3		
		7,506	7,507	3		6,572	6,573	3		
		7,428	7,429	3		6,556	6,557	3		
	-4500 ft		7,419	7,420	3		6,545	6,546	3	
		7,407	7,408	3		6,536	6,537	3		
		Stage 10								
Stage 11		Date	From	To	Shots	Date	From	To	Shots	
		08/22/2011	5,149	5,150	3		6,515	6,516	3	
		5,135	5,136	3		6,497	6,498	3		
		5,123	5,124	3		6,474	6,475	3		
		5,111	5,112	3		6,459	6,460	3		
Stage 10		5,087	5,088	3		6,429	6,430	3		
		5,056	5,057	3		6,390	6,391	3		
		5,009	5,010	3		6,375	6,376	3		
		4,987	4,988	3		6,332	6,333	3		
	-5000 ft		4,970	4,971	3		6,300	6,301	3	
Stage 9		4,940	4,941	3		6,285	6,286	3		
		Stage 11								
		Date	From	To	Shots	Date	From	To	Shots	
		08/22/2011	4,887	4,888	3		6,225	6,226	3	
		4,880	4,881	3		6,208	6,209	3		
Stage 8		4,865	4,866	3		6,185	6,186	3		
		4,846	4,847	3		6,143	6,144	3		
		4,812	4,813	3		6,110	6,111	3		
		4,787	4,788	3		6,092	6,093	3		
	-5500 ft		4,766	4,767	3		6,079	6,080	3	
		4,742	4,743	3		6,030	6,031	3		
		4,692	4,693	3		6,018	6,019	3		
		4,670	4,671	3		6,009	6,010	3		
		Stage 12								
		Date	From	To	Shots	Date	From	To	Shots	
Stage 7		08/23/2011	4,638	4,639	3		5,975	5,976	3	
		4,614	4,615	3		5,953	5,954	3		
		4,599	4,600	3		5,931	5,932	3		
		4,578	4,579	3		5,877	5,878	3		
		4,525	4,526	3		5,865	5,866	3		
Stage 6		4,512	4,513	3		5,853	5,854	3		
		4,496	4,497	3		5,805	5,806	3		
	-6000 ft		4,482	4,483	3		5,778	5,779	3	
		4,415	4,416	3		5,765	5,766	3		
		4,402	4,403	3		5,751	5,752	3		
Stage 5		Stage 2								
		Date	From	To	Shots	Date	From	To	Shots	
		08/10/2011	7,380	7,381	3		5,724	5,725	3	
		7,373	7,374	3		5,714	5,715	3		
		7,350	7,351	3		5,700	5,701	3		
Stage 4		7,317	7,318	3		5,671	5,672	3		
		7,307	7,308	3		5,653	5,654	3		
		7,253	7,254	3		5,640	5,641	3		
	-6500 ft		7,162	7,163	3		5,579	5,580	3	
		7,137	7,138	3		5,528	5,529	3		
Stage 3		7,121	7,122	3		5,484	5,485	3		
		7,105	7,106	3		5,465	5,466	3		
		Stage 3								
		Date	From	To	Shots	Date	From	To	Shots	
		08/11/2011	7,062	7,063	3		5,432	5,433	3	
Stage 2		7,018	7,019	3		5,376	5,377	3		
		6,952	6,953	3		5,327	5,328	3		
		6,933	6,934	3		5,316	5,317	3		
		6,887	6,888	3		5,302	5,303	3		
	-7000 ft		6,877	6,878	3		5,292	5,293	3	
		6,848	6,849	3		5,277	5,278	3		
		6,820	6,821	3		5,238	5,239	3		
		6,784	6,785	3		5,206	5,207	3		
		6,777	6,778	3		5,190	5,191	3		
	Stage 1		Frac Summary							
		Stage 1 : 7,407 - 7,636, 30 - 0.420" shots, 7048 bbls of Slickwater Report Date: 08/10/2011								
		Stage 2 : 7,105 - 7,381, 30 - 0.420" shots, 8287 bbls of Slickwater Report Date: 08/11/2011								
		Stage 3 : 6,777 - 7,063, 30 - 0.420" shots, 5905 bbls of Slickwater Report Date: 08/15/2011								
		Stage 4 : 6,536 - 6,740, 30 - 0.420" shots, 10476 bbls of Slickwater Report Date: 08/16/2011								
		Stage 5 : 6,285 - 6,516, 30 - 0.420" shots, 12857 bbls of Slickwater Report Date: 08/17/2011								
-7500 ft		Stage 6 : 6,009 - 6,226, 30 - 0.420" shots, 10762 bbls of Slickwater Report Date: 08/18/2011								
		Stage 7 : 5,751 - 5,976, 30 - 0.420" shots, 13143 bbls of Slickwater Report Date: 08/18/2011								
		Stage 8 : 5,465 - 5,725, 30 - 0.420" shots, 12095 bbls of Slickwater Report Date: 08/19/2011								
		Stage 9 : 5,190 - 5,433, 30 - 0.420" shots, 11429 bbls of Slickwater Report Date: 08/22/2011								
		Stage 10 : 4,940 - 5,150, 30 - 0.420" shots, 9524 bbls of Slickwater Report Date: 08/22/2011								
		Stage 11 : 4,670 - 4,888, 30 - 0.420" shots, 15524 bbls of Slickwater Report Date: 08/23/2011								
		Stage 12 : 4,402 - 4,639, 30 - 0.420" shots, 11905 bbls of Slickwater Report Date: 08/23/2011								
Set @ 7800	PBDT @ 7774									
	TD @ 7825									