

Downhole Schematic for N Parachute MF03C-16 H17 696



Project :North Piceance

API # :05045186920000

Surface Location : SENE/Lot7 Sec 17 T6S - R96W 6

Area : N Parachute

County :

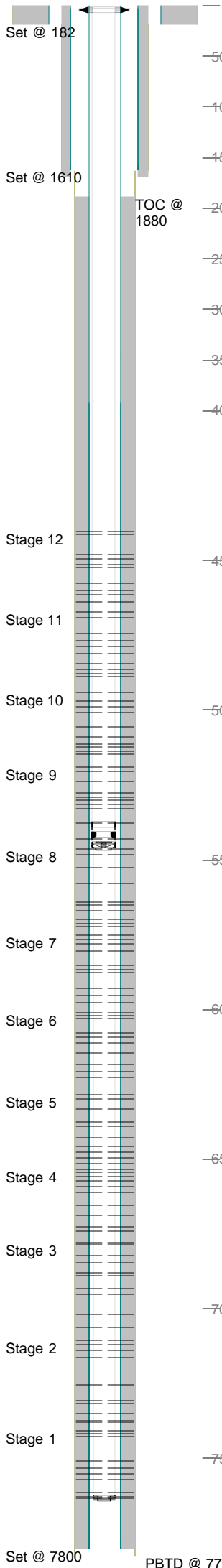
BHL : Lot 6-16-6S-96 W 6th PM

As Of : 03/09/2012

GL : 5654.0 ft

KB to GL : 22.0 ft

KB : 5676.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Conductor	26.000		0	182	182			Line Pipe	
Surface	12.250	9.625	0	1,610	2	LT&C	J55	Float Shoe	
		9.625	36	1,609	44	LT&C	J55	Shoe Jnt.	
		9.625	36	1,564	1,538	LT&C	J55	Casing	
		9.625	36	1,564	5	ST&C	J55	Wellhead Assm	
		9.625	36	22	26	LT&C	J55	Landing Joint	
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	
		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	

Cement Details				
Section	Sequence	Top	Density	Blend / Additives
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%
	Tail	3,491	13.0	D182 + 0.25 PPS D029 + 2.0% D079
Conductor	Lead	0	13.0	13.0 PPG Poz "G" - Rockies Correct / 5.0% D044 + 35% D178+3.0%
Surface	Lead	0	12.5	D020 + 0.50% D182 + 0.750% D112 +0.40% D201% +0.2% D065+
	Tail	1,042	14.0	0.2% D046 + 0.25 % D029 +11% D035
				Control Set C /
				"G" / G+2.0%D079+0.2%D46+0.25 pps D29
				"G" / G+1%D79+0.2%D46+0.25pps D29

Tubing and Downhole Equipment			
O.D.	Length	Depth	Description
0.000	22.00	22.00	KB
7.063	0.93	22.00	7-1/16" GE tbq Hanger
3.060	5,349.79	5,372.72	165jts. 2-3/8 4.7# L80 HuSteel tbq Korean
3.060	1.13	5,373.85	2-3/8" flag nipple
3.060	32.64	5,406.49	1 jt. 4.7# L80 HuSteel tbq
3.060	1.11	5,407.60	2-3/8" Seating nipple
3.060	32.61	5,440.21	1 jt. 4.7# L80 HuSteel tbq
3.060	0.79	5,441.00	Magnum burst disc
3.060	10.15	5,451.15	10ft 2-3/8" P110 slotted pup jt.
3.060	0.89	5,452.04	2 3/8" EUE Box to 2 7/8" FL-4S Pin.
2.875	2,171.07	7,623.11	66 jts. 2 7/8" J55 6.16# FJ (SJ-2 thread)
2.875	0.57	7,623.68	2-7/8" Bull Plug (SJ-2 Box) = EOT

Perforations										
Stage	Date	From	To	Shots	Stage	Date	From	To	Shots	
Stage 1	08/09/2011	7,635	7,636	3	Stage 4	08/16/2011	6,739	6,740	3	
		7,627	7,628	3			6,728	6,729	3	
		7,615	7,616	3			6,685	6,686	3	
Stage 10		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	
		7,419	7,420	3			6,545	6,546	3	
		7,407	7,408	3			6,536	6,537	3	
Stage 9	Stage 10	08/22/2011	5,149	5,150	3	Stage 5	08/16/2011	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 8			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
			4,970	4,971	3			6,300	6,301	3
			4,940	4,941	3			6,285	6,286	3
Stage 7	Stage 11	08/22/2011	4,887	4,888	3	Stage 6	08/17/2011	6,225	6,226	3
			4,880	4,881	3			6,208	6,209	3
			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
			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 5	Stage 12	08/23/2011	4,638	4,639	3	Stage 7	08/18/2011	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
			4,512	4,513	3			5,853	5,854	3
			4,496	4,497	3			5,805	5,806	3
			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 3	Stage 2	08/10/2011	7,380	7,381	3	Stage 8	08/18/2011	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
			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
			7,162	7,163	3			5,579	5,580	3
			7,137	7,138	3			5,528	5,529	3
			7,121	7,122	3			5,484	5,485	3
			7,105	7,106	3			5,465	5,466	3
Stage 1	Stage 3	08/11/2011	7,062	7,063	3	Stage 9	08/19/2011	5,432	5,433	3
			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
			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

Frac Summary			
Stage	From	To	Shots
Stage 1	7,407 - 7,636	30 - 0.420"	7048 bbls of Slickwater Report Date: 08/10/2011
Stage 2	7,105 - 7,381	30 - 0.420"	8287 bbls of Slickwater Report Date: 08/11/2011
Stage 3	6,777 - 7,063	30 - 0.420"	5905 bbls of Slickwater Report Date: 08/15/2011
Stage 4	6,536 - 6,740	30 - 0.420"	10476 bbls of Slickwater Report Date: 08/16/2011
Stage 5	6,285 - 6,516	30 - 0.420"	12857 bbls of Slickwater Report Date: 08/17/2011
Stage 6	6,009 - 6,226	30 - 0.420"	10762 bbls of Slickwater Report Date: 08/18/2011
Stage 7	5,751 - 5,976	30 - 0.420"	13143 bbls of Slickwater Report Date: 08/18/2011
Stage 8	5,465 - 5,725	30 - 0.420"	12095 bbls of Slickwater Report Date: 08/19/2011
Stage 9	5,190 - 5,433	30 - 0.420"	11429 bbls of Slickwater Report Date: 08/22/2011
Stage 10	4,940 - 5,150	30 - 0.420"	9524 bbls of Slickwater Report Date: 08/22/2011
Stage 11	4,670 - 4,888	30 - 0.420"	15524 bbls of Slickwater Report Date: 08/23/2011