

Downhole Schematic for N Parachute WF10B-21 K22 596



Project :North Piceance

API # :05045189160000

Surface Location :NESW Sec 22 T5S - R96W 6th P

Area : N Parachute

County :

BHL : NWSE-21-5S-96 W 6th PM

As Of : 03/22/2011

GL : 6526.0 ft

KB to GL : 22.0 ft

KB : 6548.0 ft

Set @ 120	500 ft	Casing Details									
		Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
		Conductor	26.000	16	42.09	120	120		A52A	Linepipe	
		Surface	12.250	9.625	0	1,720	2	LT&C	K55	Float Shoe	
				9.625	36	1,719	41	LT&C	J55	Shoe Jt	
				9.625	0	1,678	2	LT&C	K55	Float Collar	
				9.625	36	1,676	43	LT&C	J55	Casing - Shark Bite	
				6.525	36	1,633	1,593	LT&C	J55	Casing	
					0	40	5	LT&C	J55	Well Head	
					36	35	29	LT&C		Landing Jt	
Set @ 1720	2000 ft										
	2500 ft	Production	8.750	4.5	0	9,583	1	Butt		Float Shoe	
				4.5	11.6	9,582	23	Butt	S90	Shoe jt	
				4.5	0	9,559	1	Butt		Float Collar	
				4.5	11.6	9,558	1,489	Butt	S90	Casing	
				4.5	11.6	8,068	23	Butt	S90	Marker jt	
				4.5	11.6	8,046	1,984	Butt	S90	Casing	
				4.5	11.6	6,062	23	Butt	S90	Marker jt	
				4.5	11.6	6,039	6,034	Butt	S90	Casing	
TOC @ 2628	4500 ft	Cement Details									
		Section	Sequence		Top	Density	Blend / Additives				
		Production	Scavenger		0	8.3	20 BBL - Cw7 /				
			Scavenger		0	12.0	30 BBL - Mud PushII /				
			Lead		2,628	12.5	Pozzellan "G" /				
							1.3%D013+5%D044+0.2%D046+2.0%D079+0.5%D182+0.25#/SK				
							D029				
			Tail		4,519	13.0	Pozzellan "A" / 35.0%				
							D178+3.0%D020+5.0%D044+0.2%D046+0.2%D065+0.75%D112+0.4				
							%D182+0.45%D201+0.25#/sk D29				
Set @ 9583	5500 ft										
	6000 ft	Conductor	Tail		0	13.0	Control Set C / 1/4lb/sk Polly				
		Surface	Lead		0	12.5	Class G / G+0.40%D029+0.3%D46+2.5% D079				
			Tail		1,146	14.0	Class G / G+1%D79+0.2%D46+0.25ppsD29				
Stage 10	6500 ft	Tubing and Downhole Equipment									
		O.D.	Length	Depth	Description						
		0.000	22.00	22.00	KB						
		7.063	0.80	22.80	7 1/16" Woodgroup						
		3.063	8,351.99	8,374.79	254 jts. 2 3/8" L80 4.7# Korean tbg.						
		3.063	1.10	8,375.89	2 3/8" flag nipple						
		3.063	32.90	8,408.79	1 jt. 2 3/8" L80 4.7# Korean tbg.						
		3.063	1.10	8,409.89	2 3/8" Seating nipple						
		3.063	10.10	8,419.99	2 3/8" L80 pup jt.						
Stage 9		Perforations									
		Stage 1					Stage 5				
		Date	From	To	Shots	Date	From	To	Shots		
		03/11/2011	9,520	9,521	3	03/15/2011	8,332	8,333	3		
			9,510	9,511	3		8,320	8,321	3		
			9,431	9,432	3		8,282	8,283	3		
			9,428	9,429	3		8,261	8,262	3		
			9,417	9,418	3		8,244	8,245	3		
			9,375	9,376	3		8,196	8,197	3		
			9,350	9,351	3		8,120	8,121	3		
Stage 8	7000 ft										
			9,343	9,344	3		8,098	8,099	3		
			9,333	9,334	3		8,081	8,082	3		
			9,319	9,320	3		8,068	8,069	3		
		Stage 10					Stage 6				
		Date	From	To	Shots	Date	From	To	Shots		
		03/17/2011	6,680	6,681	3	03/16/2011	8,021	8,022	3		
			6,673	6,674	3		7,983	7,984	3		
			6,666	6,667	3		7,976	7,977	3		
			6,580	6,581	3		7,944	7,945	3		
Stage 7	7500 ft										
			6,561	6,562	3		7,902	7,903	3		
			6,542	6,543	3		7,876	7,877	3		
			6,518	6,519	3		7,842	7,843	3		
			6,500	6,501	3		7,830	7,831	3		
			6,487	6,488	3		7,802	7,803	3		
			6,455	6,456	3		7,770	7,771	3		
		Stage 2					Stage 7				
		Date	From	To	Shots	Date	From	To	Shots		
		03/14/2011	9,271	9,272	3	03/16/2011	7,670	7,671	3		
Stage 6			9,252	9,253	3		7,663	7,664	3		
			9,245	9,246	3		7,635	7,636	3		
			9,226	9,227	3		7,627	7,628	3		
			9,211	9,212	3		7,596	7,597	3		
			9,185	9,186	3		7,585	7,586	3		
			9,173	9,174	3		7,561	7,562	3		
			9,161	9,162	3		7,544	7,545	3		
			9,135	9,136	3		7,505	7,506	3		
			9,115	9,116	3		7,477	7,478	3		
		Stage 3					Stage 8				
	Date	From	To	Shots	Date	From	To	Shots			
	03/14/2011	9,017	9,018	3	03/17/2011	7,439	7,440	3			
Stage 5			9,011	9,012	3		7,408	7,409	3		
			9,000	9,001	3		7,403	7,404	3		
			8,971	8,972	3		7,361	7,362	3		
			8,926	8,927	3		7,354	7,355	3		
			8,881	8,882	3		7,244	7,245	3		
			8,856	8,857	3		7,216	7,217	3		
			8,852	8,853	3		7,209	7,210	3		
			8,831	8,832	3		7,158	7,159	3		
			8,791	8,792	3		7,107	7,108	3		
		Stage 4					Stage 9				
	Date	From	To	Shots	Date	From	To	Shots			
	03/15/2011	8,730	8,731	3	03/17/2011	7,034	7,035	3			
Stage 4			8,725	8,726	3		7,026	7,027	3		
			8,648	8,649	3		7,020	7,021	3		
			8,621	8,622	3		7,013	7,014	3		
			8,610	8,611	3		7,004	7,005	3		
			8,568	8,569	3		6,875	6,876	3		
			8,546	8,547	3		6,865	6,866	3		
			8,537	8,538	3		6,855	6,856	3		
			8,527	8,528	3		6,837	6,838	3		
			8,447	8,448	3		6,790	6,791	3		
		Frac Summary									
Stage 3		Stage 1 : 9,319 - 9,521, 30 - 0.420" shots, 6876 bbls of CWS-600 Report Date: 03/14/2011									
		Stage 2 : 9,115 - 9,272, 30 - 0.420" shots, 10859 bbls of CWS-600 Report Date: 03/14/2011									
		Stage 3 : 8,791 - 9,018, 30 - 0.420" shots, 11222 bbls of CWS-600 Report Date: 03/15/2011									
		Stage 4 : 8,447 - 8,731, 30 - 0.420" shots, 16045 bbls of CWS-600 Report Date: 03/15/2011									
		Stage 5 : 8,068 - 8,333, 30 - 0.420" shots, 13187 bbls of CWS-600 Report Date: 03/16/2011									
		Stage 6 : 7,770 - 8,022, 30 - 0.420" shots, 15152 bbls of CWS-600 Report Date: 03/16/2011									
		Stage 7 : 7,477 - 7,671, 30 - 0.420" shots, 12294.8 bbls of CWS-600 Report Date: 03/17/2011									
		Stage 8 : 7,107 - 7,440, 30 - 0.420" shots, 13544 bbls of CWS-600 Report Date: 03/17/2011									
		Stage 9 : 6,790 - 7,035, 30 - 0.420" shots, 9737 bbls of CWS-600 Report Date: 03/17/2011									
		Stage 10 : 6,455 - 6,681, 30 - 0.420" shots, 11044 bbls of CWS-600 Report Date: 03/18/2011									
Stage 2	9500 ft	Comments									
		255 jts. 2 3/8" L80 4.7# Korean tbg.									
Set @ 9583											
TD @ 9593											