

Downhole Schematic for N Parachute WF13D-22 K22 596



Project :North Piceance

API # :05045188880000

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

Area : N Parachute

County :

BHL : SWSW-22-5S-96 W 6th PM

As Of : 03/02/2011

GL : 0.0 ft

KB to GL : ft

KB : 0.0 ft

Casing Details		Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Set @ 120	Conductor	26.000	16	42.09	120	120		A52A	Line Pipe
	Surface	12.250	9.625	0	1,683	2	LT&C	K-55	Shoe
				36	1,682	40	LT&C		9 5/8 csg
				0	1,641	2	LT&C		Float collar
			9.625	36	1,640	1,611	LT&C	K-55	9 5/8 csg
			9.625	36	28	5		K-55	quick set head & pup
			9.625	36	23	28	LT&C		Landing Jt
Set @ 1683	Production	8.750	4.5	0	9,328	1	Butt	S90	Float Shoe
			4.5	11.6	9,327	12	Butt		Shoe jt
			4.5	0	9,314	2	Butt		Float Collar
			4.5	11.6	9,313	1,557	Butt	S90	Casing
			4.5	11.6	7,756	23	Butt	S90	Marker jt
			4.5	11.6	7,734	2,233	Butt	S90	Casing
			4.5	11.6	5,500	23	Butt	S90	Marker jt
			4.5	11.6	5,478	5,481	Butt	S90	Casing
	Cement Details								
	Section	Sequence	Top	Density	Blend / Additives				
	Conductor	Tail	0	13.0	Control Set C /				
	Surface	Tail	0	14.0	Class G / G+1%D79+0.2%D46+0.25ppsD29				
		Lead	2,014	12.5	Class G / G+2%D7+0.2%D46+0.25ppbsd29				
	Production	Scavenger	0	8.3	20 BBL - Cw7 /				
		Scavenger	0	12.0	30 BBL - Mud PushII /				
		Lead	2,369	12.5	Pozzellan "G" /				
					1.3%DO13+5%D044+0.2%D046+2.0%D079+0.5%D182+0.25#/SK				
					D029				
		Tail	5,167	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				
	Tubing and Downhole Equipment								
	O.D.	Length	Depth	Description					
	0.000	22.00	0.00	22ft KB					
	7.063	0.93	22.00	7-1/16" Wood Group Tbg hanger					
	3.063	7,855.09	7,877.09	239jts 2-3/8" 4.7# L80 EUE Tbg					
	3.063	1.10	7,878.19	2-3/8" N80 Flag Nipple (1.995" I.D)					
	3.063	32.90	7,911.09	1jt (240jts total) 2-3/8" 4.7# L80 EUE Tbg					
	3.063	1.10	7,912.19	2-3/8" Seating Nipple (1.78" I.D)					
	3.063	10.10	7,922.29	2-3/8" 10ft Pup Jt =EOT					
	Perforations								
	Stage 1				Stage 4				
	Date	From	To	Shots	Date	From	To	Shots	
Stage 12	02/18/2011	9,174	9,175	3	02/22/2011	8,294	8,295	3	
		9,147	9,148	3		8,286	8,287	3	
		9,131	9,132	3		8,256	8,257	3	
		9,102	9,103	3		8,213	8,214	3	
Stage 11		9,068	9,069	3		8,184	8,185	3	
		9,056	9,057	3		8,125	8,126	3	
		9,028	9,029	3		8,102	8,103	3	
		9,009	9,010	3		8,090	8,091	3	
		8,960	8,961	3		8,037	8,038	3	
		8,945	8,946	3		8,003	8,004	3	
Stage 10	Stage 10				Stage 5				
	Date	From	To	Shots	Date	From	To	Shots	
	02/25/2011	6,543	6,544	3	02/23/2011	7,943	7,944	3	
		6,539	6,540	3		7,927	7,928	3	
		6,507	6,508	3		7,904	7,905	3	
Stage 9		6,497	6,498	3		7,884	7,885	3	
		6,475	6,476	3		7,852	7,853	3	
		6,455	6,456	3		7,836	7,837	3	
		6,431	6,432	3		7,827	7,828	3	
		6,410	6,411	3		7,790	7,791	3	
		6,370	6,371	3		7,774	7,775	3	
		6,359	6,360	3		7,755	7,756	3	
Stage 8	Stage 11				Stage 6				
	Date	From	To	Shots	Date	From	To	Shots	
	02/26/2011	6,278	6,279	3	02/23/2011	7,704	7,705	3	
		6,269	6,270	3		7,694	7,695	3	
		6,244	6,245	3		7,650	7,651	3	
		6,223	6,224	3		7,614	7,615	3	
Stage 7		6,204	6,205	3		7,580	7,581	3	
		6,124	6,125	3		7,550	7,551	3	
		6,099	6,100	3		7,512	7,513	3	
		6,082	6,083	3		7,480	7,481	3	
		6,068	6,069	3		7,465	7,466	3	
		6,052	6,053	3		7,435	7,436	3	
Stage 6	Stage 12				Stage 7				
	Date	From	To	Shots	Date	From	To	Shots	
	02/26/2011	6,030	6,031	3	02/24/2011	7,401	7,402	3	
		6,017	6,018	3		7,382	7,383	3	
		6,001	6,002	3		7,358	7,359	3	
		5,960	5,961	3		7,344	7,345	3	
		5,943	5,944	3		7,324	7,325	3	
		5,929	5,930	3		7,310	7,311	3	
		5,920	5,921	3		7,245	7,246	3	
		5,890	5,891	3		7,226	7,227	3	
		5,810	5,811	3		7,203	7,204	3	
		5,789	5,790	3		7,190	7,191	3	
Stage 5	Stage 2				Stage 8				
	Date	From	To	Shots	Date	From	To	Shots	
	02/21/2011	8,912	8,913	3	02/24/2011	7,139	7,140	3	
		8,867	8,868	3		7,084	7,085	3	
		8,855	8,856	3		7,074	7,075	3	
		8,801	8,802	3		7,040	7,041	3	
		8,787	8,788	3		7,022	7,023	3	
		8,746	8,747	3		7,005	7,006	3	
		8,731	8,732	3		6,985	6,986	3	
		8,718	8,719	3		6,959	6,960	3	
		8,648	8,649	3		6,928	6,929	3	
		8,643	8,644	3		6,915	6,916	3	
Stage 4	Stage 3				Stage 9				
	Date	From	To	Shots	Date	From	To	Shots	
	02/21/2011	8,620	8,621	3	02/25/2011	6,865	6,866	3	
		8,611	8,612	3		6,820	6,821	3	
		8,589	8,590	3		6,794	6,795	3	
		8,535	8,536	3		6,725	6,726	3	
		8,509	8,510	3		6,705	6,706	3	
		8,492	8,493	3		6,675	6,676	3	
		8,482	8,483	3		6,646	6,647	3	
		8,441	8,442	3		6,614	6,615	3	
		8,419	8,420	3		6,593	6,594	3	
		8,374	8,375	3		6,575	6,576	3	
	Frac Summary								
	Stage 1	: 8,945 - 9,175, 30 - 0.420" shots,	16322 bbls of Slickwater	Report Date: 02/21/2011					
	Stage 2	: 8,643 - 8,913, 30 - 0.420" shots,	14805 bbls of Slickwater	Report Date: 02/21/2011					
	Stage 3	: 8,374 - 8,621, 30 - 0.420" shots,	22137 bbls of Slickwater	Report Date: 02/22/2011					
	Stage 4	: 8,003 - 8,295, 30 - 0.420" shots,	23273 bbls of Slickwater	Report Date: 02/23/2011					
	Stage 5	: 7,755 - 7,944, 30 - 0.420" shots,	16701 bbls of Slickwater	Report Date: 02/23/2011					
	Stage 6	: 7,435 - 7,705, 30 - 0.420" shots,	21368 bbls of Slickwater	Report Date: 02/24/2011					
	Stage 7	: 7,190 - 7,402, 30 - 0.420" shots,	16571 bbls of Slickwater	Report Date: 02/24/2011					
	Stage 8	: 6,915 - 7,140, 30 - 0.420" shots,	18624 bbls of Slickwater	Report Date: 02/25/2011					
	Stage 9	: 6,575 - 6,866, 30 - 0.420" shots,	20858.1 bbls of Slickwater	Report Date: 02/25/2011					
	Stage 10	: 6,359 - 6,544, 30 - 0.420" shots,	13715 bbls of Slickwater	Report Date: 02/26/2011					
	Stage 11	: 6,052 - 6,279, 30 - 0.420" shots,	13715 bbls of Slickwater	Report Date: 02/26/2011					
	Stage 12	: 5,789 - 6,031, 30 - 0.420" shots,	16762 bbls of Slickwater	Report Date: 02/28/2011					
	Comments								

Set @ 9328

PBTD @ 9313
TD @ 9340