

Downhole Schematic for N Parachute WF15C-22 K22 596



Project : North Piceance		API # : 05045189220000		Surface Location : NESW Sec 22 T5S - R96W 6th PM						
Area : N Parachute		County :		BHL : SWSE-22-5S-96 W 6th PM						
As Of : 08/11/2011		GL : 6528.0 ft		KB to GL : 22.0 ft		KB : 6550.0 ft				
Set @ 120	-500 ft	Casing Details								
		Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
		Conductor	26.000	16	0	120	120		A52A	Line Pipe
		Surface								
			12.250	9.625	0	1,728	2	LT&C	J55	Float Shoe
				9.625	36	1,727	43	LT&C	J55	Shoe Track
				9.625	36	1,683	41	LT&C	J55	Shark Bite
				9.625	36	1,643	1,603	LT&C	J55	Joints Of Casing
				9.625	36	40	5	ST&C	J55	Wellhead Assm
				9.625	36	35	29		J55	Landing Joint
Set @ 1728	-2000 ft	Production								
			7.875	4.5	0	9,322	2	Butt	E80	Float Shoe
				4.5	11.6	9,321	26	Butt	E80	Marker Jnt
				4.5	11.6	9,294	2	Butt	E80	Float Collar
				4.5	11.6	9,293	1,466	Butt	E80	Casing
				4.5	11.6	7,827	23	Butt	S80	Marker Jnt
				4.5	11.6	7,804	2,281	Butt	E80	Casing
				4.5	11.6	5,524	23	Butt	S80	Marker Jnt
				4.5	11.6	5,501	5,504	Butt	E80	Casing
		TJC @ 1726	-3500 ft	Cement Details						
Section	Sequence			Top	Density	Blend / Additives				
Production	Scavenger			0	12.0	MUDPUSH II / 30 bbl 100# D182+6600#D031				
	Lead			1,533	12.5	12.5ppg Poz "G" / 5.0% D044+0.2% D046+ 2.0% D079 + 1.3% D013				
						+ 0.5% D182 + 0.25 PPS D029				
	Tail			1,726	13.0	13.0 PPG Poz "A" - Rockies Correct / 5.0% D044 + 35% D178+				
						3.0% D020 + 0.4% D182 + 0.75% D112 +0.35% D201% +0.2%				
						D065+ 0.2% D046 + 0.25 PPS D029				
Conductor	Fill			0	13.0	Control Set C / 1/4lb/sk Polliflake				
	Lead			60	13.0	Control Set C / 1/4lb/sk Polliflake				
	-5000 ft	Surface	Fill	0	13.0	Control set C / 1/4lb sx Polliflake				
			Lead	150	12.5	"G" / G+2.0%D079+0.2%D46+0.25 pps D29				
			Tail	1,270	14.0	"G" / G+1%D79+0.2%D46+0.25pps 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	7,993.13	7,905.13	255jts 2-3/8" 4.7# L80 EUE Tbg					
		3.063	1.10	7,906.23	2-3/8" N80 Flag Nipple (1.995" I.D)					
		3.063	30.90	7,937.13	1jlt (256jts total) 2-3/8" 4.7# L80 EUE Tbg					
3.063	1.10	7,938.23	2-3/8" Seating Nipple (1.78" I.D)							
3.063	10.10	7,948.33	2-3/8" 10ft Pup Jt = EOT							
Stage 11	-6000 ft	Perforations								
		Stage 1								
		Date	From	To	Shots					
		07/22/2011	9,130	9,131	3		7,967	7,968	3	
			9,102	9,103	3		7,963	7,964	3	
			9,069	9,070	3		7,929	7,930	3	
			9,028	9,029	3		7,922	7,923	3	
			9,025	9,026	3		7,877	7,878	3	
			8,985	8,986	3		7,855	7,856	3	
			8,956	8,957	3					
Stage 10	-6500 ft	Stage 5								
		Date	From	To	Shots					
		07/27/2011	7,800	7,801	3					
			7,796	7,797	3					
			7,769	7,770	3					
			7,743	7,744	3					
			7,740	7,741	3					
			7,677	7,678	3					
			7,590	7,591	3					
			7,573	7,574	3					
Stage 9	-7000 ft	Stage 6								
		Date	From	To	Shots					
		07/28/2011	7,445	7,446	3					
			7,432	7,433	3					
			7,417	7,418	3					
			7,406	7,407	3					
			7,378	7,379	3					
			7,335	7,336	3					
			7,320	7,321	3					
			7,312	7,313	3					
Stage 8	-7500 ft	Stage 7								
		Date	From	To	Shots					
		07/29/2011	7,163	7,164	3					
			7,132	7,133	3					
			7,108	7,109	3					
			7,092	7,093	3					
			7,077	7,078	3					
			7,060	7,061	3					
			7,042	7,043	3					
			6,945	6,946	3					
Stage 7	-8000 ft	Stage 8								
		Date	From	To	Shots					
		08/01/2011	6,802	6,803	3					
			6,786	6,787	3					
			6,775	6,776	3					
			6,688	6,689	3					
			6,658	6,659	3					
			6,647	6,648	3					
			6,584	6,585	3					
			6,578	6,579	3					
Stage 6	-8500 ft	Stage 9								
		Date	From	To	Shots					
		08/02/2011	6,487	6,488	3					
			6,477	6,478	3					
			6,455	6,456	3					
			6,365	6,366	3					
			6,315	6,316	3					
			6,300	6,301	3					
			6,289	6,290	3					
			6,257	6,258	3					
Stage 5	-9000 ft	Stage 4								
		Date	From	To	Shots					
		07/27/2011	8,119	8,120	3					
			8,106	8,107	3					
			8,090	8,091	3					
			8,001	8,002	3					
			6,240	6,241	3					
			6,230	6,231	3					
			6,230	6,231	3					
			6,230	6,231	3					
Set @ 9322	-9300 ft	Frac Summary								
		Stage 1 : 8,842 - 9,131, 30 - 0.420" shots, 6159 bbls of Slickwater Report Date: 07/25/2011								
		Stage 2 : 8,503 - 8,771, 30 - 0.420" shots, 7180 bbls of Slickwater Report Date: 07/26/2011								
		Stage 3 : 8,176 - 8,469, 30 - 0.420" shots, 6251 bbls of Slickwater Report Date: 07/27/2011								
		Stage 4 : 7,855 - 8,120, 30 - 0.420" shots, 12194 bbls of Slickwater Report Date: 07/27/2011								
		Stage 5 : 7,532 - 7,801, 30 - 0.420" shots, 8201 bbls of Slickwater Report Date: 07/28/2011								
		Stage 6 : 7,225 - 7,446, 30 - 0.420" shots, 9873 bbls of Slickwater Report Date: 07/29/2011								
		Stage 7 : 6,877 - 7,164, 30 - 0.420" shots, 13309 bbls of Slickwater Report Date: 08/01/2011								
		Stage 8 : 6,547 - 6,803, 30 - 0.420" shots, 11083 bbls of Slickwater Report Date: 08/01/2011								
		Stage 9 : 6,230 - 6,488, 30 - 0.420" shots, 12937 bbls of Slickwater Report Date: 08/02/2011								
Stage 10 : 6,024 - 6,171, 30 - 0.420" shots, 10894 bbls of Slickwater Report Date: 08/03/2011										
Stage 11 : 5,783 - 5,982, 30 - 0.420" shots, 11803 bbls of Slickwater Report Date: 08/03/2011										
Set @ 9322	-9340	Comments								
		See Attached Tbg tally								
		256jts of 2-3/8" 4.7# L80								
		Mfg: Tenaris								
		Made in Colombia								
		PBDT @ 9293								
		TD @ 9340								
		Report by Decision Dynamics Technology Ltd. Wellington								
		October 19, 2011 3:27 PM								