

Downhole Schematic for N Parachute WF04C-25 H26 596



Project :North Piceance		API # :05045190470000		Surface Location : SENE Sec 26 T5S - R96W 6th PM							
Area : N Parachute		County :		BHL : NENW-25-5S-96 W 6th PM							
As Of :		GL : 6094.2 ft		KB to GL : 22.5 ft		KB : 6116.7 ft					
Set @ 178	TOC @ 1500	Casing Details									
		Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
		Conductor	26.000	16	0	178	180			Line Pipe	
		Surface	12.250		0	1,706	2	LT&C	J-55	Shoe	
				9.625	36	1,705	43	LT&C	J-55	Casing	
					0	1,662	2	LT&C	J-55	Float Collar	
				9.625	36	1,660	1,631	LT&C	J-55	Casing	
				9.625	36	29	5	LT&C	J-55	Mandrel	
				9.625	36	24	27	LT&C	J-55	Landing Jt	
		Set @ 1706		Production	8.750	5	0	9,774	2	Butt	M-80
				4.5	11.6	9,773	22	Butt	S-80	Shoe Jnt	
				5	0	9,751	2	Butt	M-80	Float Collar	
				4.5	11.6	9,749	1,457	Butt	S-80	Casing	
				4.5	11.6	8,292	21	Butt	S-90	Casing Maker	
				4.5	11.6	8,270	2,277	Butt	S-80	Casing	
				4.5	11.6	5,993	22	Butt	S-90	Casing Maker	
				4.5	11.6	5,971	4,878	Butt	S-80	Casing	
				4.5	11.6	1,093	22	Butt	S-80	Casing Marker	
				4.5	11.6	1,072	1,076	Butt	S-80	Casing	
Cement Details											
Section	Sequence		Top	Density	Blend / Additives						
Conductor	Lead		0	13.0	Control Set C /						
Surface	Lead		0	12.5	Class G / +2%D079+0.2%D046+0.25lb/sk D029						
	Tail		1,207	14.0	Class G / +1.0%D079+0.2%D046+0.250lb/skD029						
Production	Scavenger		0	11.5	MUDPUSH II / 30 bbl 100# D182+6600#D031						
	Lead		1,500	12.5	12.5ppg NPR (Poz A) / 5.0% D044+0.2% D046+ 0.5% D182 + 0.25						
					PPS D029 +2.0% D079+ 1.2% D013						
	Tail		4,821	13.0	13.0 PPG Poz "G" - Rockies Correct / 5.0% D044 + 35.0% D178+						
					3.0% D020 + 0.50% D182 + 0.750% D112 +0.4% D201% +0.2%						
					D065+ 0.2% D046 + 0.25 lb/sx D029 + 11.0 lb/sx D035						
Perforations											
Stage 1											
	Date	From	To	Shots	Stage 4						
	11/04/2011	9,571	9,572	3	Date	From	To	Shots			
		9,555	9,556	3	11/10/2011	8,407	8,408	3			
		9,500	9,501	3		8,309	8,310	3			
		9,490	9,491	3		8,304	8,305	3			
Stage 12		9,406	9,407	3		8,282	8,283	3			
		9,351	9,352	3		8,227	8,228	3			
		9,334	9,335	3		8,205	8,206	3			
		9,323	9,324	3		8,183	8,184	3			
Stage 11		9,312	9,313	3		8,167	8,168	3			
		9,300	9,301	3		8,150	8,151	3			
						8,137	8,138	3			
Stage 10											
	Date	From	To	Shots	Stage 5						
	11/14/2011	6,682	6,683	3	Date	From	To	Shots			
		6,660	6,661	3	11/11/2011	8,120	8,121	3			
		6,611	6,612	3		8,104	8,105	3			
Stage 10		6,597	6,598	3		8,078	8,079	3			
		6,582	6,583	3		8,058	8,059	3			
		6,528	6,529	3		8,029	8,030	3			
		6,500	6,501	3		7,971	7,972	3			
Stage 9		6,486	6,487	3		7,954	7,955	3			
		6,471	6,472	3		7,945	7,946	3			
		6,455	6,456	3		7,892	7,893	3			
						7,876	7,877	3			
Stage 11											
	Date	From	To	Shots	Stage 6						
	11/15/2011	6,404	6,405	3	Date	From	To	Shots			
		6,383	6,384	3	11/11/2011	7,786	7,787	3			
		6,366	6,367	3		7,755	7,756	3			
		6,350	6,351	3		7,731	7,732	3			
		6,320	6,321	3		7,711	7,712	3			
		6,308	6,309	3		7,676	7,677	3			
Stage 8		6,282	6,283	3		7,662	7,663	3			
		6,262	6,263	3		7,605	7,606	3			
		6,242	6,243	3		7,582	7,583	3			
		6,223	6,224	3		7,560	7,561	3			
						7,537	7,538	3			
Stage 12											
	Date	From	To	Shots	Stage 7						
	11/15/2011	6,200	6,201	3	Date	From	To	Shots			
		6,176	6,177	3	11/11/2011	7,520	7,521	3			
		6,150	6,151	3		7,487	7,488	3			
		6,140	6,141	3		7,474	7,475	3			
		6,089	6,090	3		7,453	7,454	3			
		6,075	6,076	3		7,412	7,413	3			
Stage 5		6,038	6,039	3		7,396	7,397	3			
		6,027	6,028	3		7,362	7,363	3			
		5,995	5,996	3		7,323	7,324	3			
		5,972	5,973	3		7,310	7,311	3			
						7,290	7,291	3			
Stage 2											
	Date	From	To	Shots	Stage 8						
	11/09/2011	9,226	9,227	3	Date	From	To	Shots			
		9,174	9,175	3	11/12/2011	7,237	7,238	3			
		9,162	9,163	3		7,227	7,228	3			
		9,152	9,153	3		7,211	7,212	3			
		9,090	9,091	3		7,178	7,179	3			
		9,033	9,034	3		7,167	7,168	3			
		9,017	9,018	3		7,095	7,096	3			
Stage 3		8,996	8,997	3		7,087	7,088	3			
		8,959	8,960	3		7,058	7,059	3			
		8,940	8,941	3		7,031	7,032	3			
						7,016	7,017	3			
Stage 3											
	Date	From	To	Shots	Stage 9						
	11/10/2011	8,798	8,799	3	Date	From	To	Shots			
		8,775	8,776	3	11/14/2011	6,976	6,977	3			
		8,762	8,763	3		6,958	6,959	3			
		8,750	8,751	3		6,934	6,935	3			
		8,720	8,721	3		6,916	6,917	3			
Stage 2		8,700	8,701	3		6,899	6,900	3			
		8,675	8,676	3		6,875	6,876	3			
		8,665	8,666	3		6,785	6,786	3			
		8,642	8,643	3		6,756	6,757	3			
		8,513	8,514	3		6,733	6,734	3			
						6,716	6,717	3			
Frac Summary											
Stage 1 : 9,300 - 9,572, 30 - 0.420" shots, 6942 bbls of Slickwater Report Date: 11/09/2011											
Stage 2 : 8,940 - 9,227, 30 - 0.420" shots, 5861 bbls of Slickwater Report Date: 11/09/2011											
Stage 3 : 8,513 - 8,799, 30 - 0.420" shots, 9805 bbls of Slickwater Report Date: 11/10/2011											
Stage 4 : 8,137 - 8,408, 30 - 0.420" shots, 8024 bbls of Slickwater Report Date: 11/10/2011											
Stage 5 : 7,876 - 8,121, 30 - 0.420" shots, 7793 bbls of Slickwater Report Date: 11/11/2011											
Stage 6 : 7,537 - 7,787, 30 - 0.420" shots, 9108 bbls of Slickwater Report Date: 11/11/2011											
Stage 7 : 7,290 - 7,521, 30 - 0.420" shots, 6091 bbls of Slickwater Report Date: 11/12/2011											
Stage 8 : 7,016 - 7,238, 30 - 0.420" shots, 7495 bbls of Slickwater Report Date: 11/12/2011											
Stage 9 : 6,716 - 6,977, 30 - 0.420" shots, 10283 bbls of Slickwater Report Date: 11/14/2011											
Stage 10 : 6,455 - 6,683, 30 - 0.420" shots, 8565 bbls of Slickwater Report Date: 11/14/2011											
Stage 11 : 6,223 - 6,405, 30 - 0.420" shots, 11583 bbls of Slickwater Report Date: 11/15/2011											
Stage 12 : 5,972 - 6,201, 30 - 0.420" shots, 7252 bbls of Slickwater Report Date: 11/15/2011											
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