

Downhole Schematic for N PARACHUTE EF15B-21 C28 595



Project : North Piceance

API # : 05045175880000

Surface Location : NENW Sec 28 T5S - R95W 6th PM

Area : N Parachute

County :

BHL : SWSE-21-5S-95 W 6th PM

As Of : 12/01/2010

GL : 6175.0 ft

KB to GL : 22.0 ft

KB : 6197.0 ft

Stage	Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Stage 12	Casing Details	26.000	16	36	146	146			Conductor
	Surface	12.250	10	0	1,743	2	LT&C		Guide Shoe
			9.625	36	1,742	37	LT&C	K-55	Csng.
			10	0	1,705	2	LT&C		Float Collar
			9.625	36	1,703	1,674	LT&C	K-55	Csng.
			9.625	36	29	4	LT&C	K-55	Mandrel
			9.625	36	25	31	LT&C	K-55	Landing jt.
	Production	8.750	4.5	0	9,894	1	Butt		Guide Shoe
			4.5	11.6	9,893	23	Butt	M-80	Csng.
			4.5	11.6	9,870	2	Butt		Float Collar
			4.5	11.6	9,869	1,462	Butt	M-80	Csng.
			4.5	11.6	8,407	23	Butt	M-80	Csng. Marker #1
			4.5	11.6	8,384	1,806	Butt	M-80	Csng.
			4.5	11.6	6,578	23	Butt	M-80	Csng. Marker #2
			4.5	11.6	6,555	6,556	Butt	M-80	Csng.
	Cement Details	Sequence	Top	Density	Blend / Additives				
	Conductor	Lead	0	0.0					
	Surface	Lead	1,226	14.0	North Parachute Surf Lead / "G"+2%D79+0.2%D46+0.25ppsD29				
	Production	Tail	1,956	12.5	North Parachute Surf Tail / "G" + 1%D79 + .2% D46 + .25pps D29				
		Lead	5,049	13.0	Poz-G / Poz/G + 5%D44 + 0.2%D46 + 2%D79 + 1.3%D13 + 0.5%D182 + 0.25pps D029				
		Tail			Rockies Correct / Rockies CORRECT + 5%D044 + 3%D020 + 0.4%D182 + 0.75%D112 + 0.3%D201 + 0.2%D065 + 0.2%D046 + 0.25pps D029				
	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	8,656.19	8,678.19	263jts 2-3/8" 4.7# L80 EUE Tbg				
		3.063	1.10	8,679.20	2-3/8" N80 Flag Nipple (1.995" I.D)				
		3.063	32.98	8,712.27	1jt (264jts total) 2-3/8" 4.7# L80 EUE Tbg				
		3.063	1.10	8,713.37	2-3/8" Seating Nipple (1.78" I.D)				
		3.063	10.10	8,723.47	2-3/8" 10ft Pup Jt =EOT				
	Perforations	Date	From	To	Shots	Date	From	To	Shots
Stage 11	Stage 1	11/04/2010	9,816	9,817	3	11/11/2010	9,022	9,023	3
			9,802	9,803	3		8,997	8,998	3
			9,761	9,762	3		8,972	8,973	3
			9,759	9,760	3		8,945	8,946	3
			9,713	9,714	3		8,924	8,925	3
			9,685	9,686	3		8,912	8,913	3
			9,670	9,671	3		8,890	8,891	3
			9,649	9,650	3		8,883	8,884	3
			9,606	9,607	3		8,842	8,843	3
			9,601	9,602	3		8,795	8,796	3
Stage 10	Stage 10	11/19/2010	7,372	7,373	3	11/12/2010	8,758	8,759	3
			7,367	7,368	3		8,734	8,735	3
			7,334	7,335	3		8,722	8,723	3
			7,315	7,316	3		8,710	8,711	3
			7,304	7,305	3		8,692	8,693	3
			7,258	7,259	3		8,663	8,664	3
			7,237	7,238	3		8,657	8,658	3
			7,213	7,214	3		8,621	8,622	3
			7,204	7,205	3		8,608	8,609	3
			7,180	7,181	3		8,587	8,588	3
Stage 9	Stage 11	11/20/2010	7,092	7,093	3	11/13/2010	8,512	8,513	3
			7,080	7,081	3		8,493	8,494	3
			7,044	7,045	3		8,453	8,454	3
			7,020	7,021	3		8,446	8,447	3
			6,997	6,998	3		8,419	8,420	3
			6,950	6,951	3		8,375	8,376	3
			6,926	6,927	3		8,360	8,361	3
			6,914	6,915	3		8,348	8,349	3
			6,891	6,892	3		8,336	8,337	3
			6,872	6,873	3		8,307	8,308	3
Stage 8	Stage 12	11/22/2010	6,826	6,827	3	11/16/2010	8,216	8,217	3
			6,810	6,811	3		8,210	8,211	3
			6,767	6,768	3		8,199	8,200	3
			6,744	6,745	3		8,146	8,147	3
			6,707	6,708	3		8,128	8,129	3
			6,640	6,641	3		8,096	8,097	3
			6,624	6,625	3		8,080	8,081	3
			6,591	6,592	3		8,026	8,027	3
			6,580	6,581	3		8,012	8,013	3
			6,521	6,522	3		7,976	7,977	3
Stage 7	Stage 2	11/09/2010	9,587	9,588	3	11/17/2010	7,923	7,924	3
			9,502	9,503	3		7,914	7,915	3
			9,470	9,471	3		7,903	7,904	3
			9,466	9,467	3		7,896	7,897	3
			9,424	9,425	3		7,880	7,881	3
			9,422	9,423	3		7,826	7,827	3
			9,392	9,393	3		7,816	7,817	3
			9,376	9,377	3		7,779	7,780	3
			9,334	9,335	3		7,750	7,751	3
			9,322	9,323	3		7,710	7,711	3
Stage 6	Stage 3	11/10/2010	9,263	9,264	3	11/18/2010	7,680	7,681	3
			9,262	9,263	3		7,664	7,665	3
			9,198	9,199	3		7,647	7,648	3
			9,184	9,185	3		7,632	7,633	3
			9,137	9,138	3		7,626	7,627	3
			9,130	9,131	3		7,596	7,597	3
			9,114	9,115	3		7,573	7,574	3
			9,107	9,108	3		7,524	7,525	3
			9,066	9,067	3		7,470	7,471	3
			9,058	9,059	3		7,430	7,431	3

Set @ 9894 PBDT @ 9869 TD @ 9917

Frac Summary

Stage 1 : 9,601 - 9,817, 30 - 0.420" shots, 4611 bbls of Slickwater Report Date: 11/09/2010
 Stage 2 : 9,322 - 9,588, 30 - 0.420" shots, 8007 bbls of Slickwater Report Date: 11/10/2010
 Stage 3 : 9,058 - 9,264, 30 - 0.420" shots, 6583 bbls of Slickwater Report Date: 11/11/2010
 Stage 4 : 8,795 - 9,023, 30 - 0.420" shots, 6050 bbls of Slickwater Report Date: 11/11/2010
 Stage 5 : 8,587 - 8,759, 30 - 0.420" shots, 10340 bbls of Slickwater Report Date: 11/12/2010
 Stage 6 : 8,307 - 8,513, 30 - 0.420" shots, 12669 bbls of Slickwater Report Date: 11/16/2010
 Stage 7 : 7,976 - 8,217, 30 - 0.420" shots, 12197 bbls of Slickwater Report Date: 11/17/2010
 Stage 8 : 7,710 - 7,924, 30 - 0.420" shots, 10954 bbls of Slickwater Report Date: 11/18/2010
 Stage 9 : 7,430 - 7,681, 30 - 0.420" shots, 12089 bbls of Slickwater Report Date: 11/19/2010
 Stage 10 : 7,180 - 7,373, 30 - 0.420" shots, 10662 bbls of Slickwater Report Date: 11/20/2010
 Stage 11 : 6,872 - 7,093, 30 - 0.420" shots, 12156 bbls of Slickwater Report Date: 11/22/2010
 Stage 12 : 0 - 6,827, 30 - 0.420" shots, 12756 bbls of Slickwater Report Date: 11/23/2010

Bridge Plug Details