

Downhole Schematic for N Parachute EF15C-19 I30A 595



Project :North Piceance

API # :0504515060000

Surface Location : NESE Sec 30 T5S - R9SW 6th PM

Area : N Parachute

County :

BHL : SWSE-19-5S-95 W 6th PM

As Of : 03/18/2008

GL : 5935.0 ft

KB to GL : ft

KB : 0.0 ft

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Casing Details								
Conductor	24.000		0	120	0			Conductor
Surface	12.250	9.625	0	2,378	2	LT&C	J-55	float shoe
		9.625	36	2,377	39	LT&C		Casing
		9.625	0	2,337	2	LT&C		float collar
		9.625	36	2,335	2,308	LT&C	J-55	Casing
		9.625	0	27	5	LT&C		Casing head
		9.625	0	22	25	LT&C		Landing jt
Production	8.750	4.5	0	10,745	2	LT&C	k-55	float shoe
		4.5	11.6	10,744	42	LT&C	I-80	casing
		4.5	0	10,701	2	LT&C	k-55	float collar
		4.5	11.6	10,700	1,434	LT&C	I-80	casing
		4.5	11.6	9,266	21	LT&C	I-80	marker jt
		4.5	11.6	9,245	2,868	LT&C	I-80	casing
		4.5	11.6	6,376	21	LT&C	I-80	marker jt.
		4.5	11.6	6,355	3,669	LT&C	I-80	casing
		4.5	11.6	2,686	2,657	LT&C	I-100	casing
		4.5	11.6	29	5	LT&C	I-100	landing assembly
		4.5	11.6	24	32	LT&C	P-110	landing jt
Cement Details								
Production	Sequence		Top	Density	Blend / Additives			
Lead			2,430	11.7	varicem / gjc091			
Tail			5,010	13.5	econocem / gjc236-10			
Conductor	Lead		0	14.5	halcem / h2o			
Surface	Lead		0	12.3	Versacem / .125 lbm Poly-E-Flake			
	Tail		1,895	12.8	Versacem / .125 lbm Poly-E-Flake			
Tubing and Downhole Equipment								
O.D.	Length	Depth	Description					
0.000	22.00	0.00	KB					
7.000	0.00	0.00	Wood group 2 3/8 x 2 3/8					
2.375	8,772.93	8,794.93	278 jts 2 3/8" 4.7#, N-80, EUE, 8rd					
2.375	1.26	8,796.00	X Nipple					
2.375	9.97	8,806.00	2 3/8" 4.7#, N-80, EUE, 8rd					
2.375	1.35	8,808.00	2 3/8" XN Nipple					
2.375	10.10	8,818.00	2 3/8" 4.7#, N-80, EUE, 8rd					
Perforations								
Stage 1	Date	From	To	Shots				
	02/15/2008	10,534	10,535	3	9,496	9,497	3	
		10,516	10,517	3	9,476	9,477	3	
		10,452	10,453	3	9,460	9,461	3	
		10,440	10,441	3	9,404	9,405	3	
		10,396	10,397	3	9,350	9,351	3	
		10,372	10,373	3	9,336	9,337	3	
		10,354	10,355	3				
Stage 5	Date	From	To	Shots				
	02/20/2008	9,292	9,293	3	9,292	9,293	3	
		9,261	9,262	3	9,261	9,262	3	
		9,246	9,247	3	9,246	9,247	3	
		9,230	9,231	3	9,230	9,231	3	
		9,196	9,197	3	9,196	9,197	3	
		9,186	9,187	3	9,186	9,187	3	
		9,180	9,181	3	9,180	9,181	3	
		9,156	9,157	3	9,156	9,157	3	
		9,146	9,147	3	9,146	9,147	3	
		9,128	9,129	3	9,128	9,129	3	
Stage 6	Date	From	To	Shots				
	02/21/2008	9,084	9,085	3	9,084	9,085	3	
		9,066	9,067	3	9,066	9,067	3	
		9,040	9,041	3	9,040	9,041	3	
		9,030	9,031	3	9,030	9,031	3	
		8,996	8,997	3	8,996	8,997	3	
		8,966	8,967	3	8,966	8,967	3	
		8,950	8,951	3	8,950	8,951	3	
		8,934	8,935	3	8,934	8,935	3	
		8,850	8,851	3	8,850	8,851	3	
		8,838	8,839	3	8,838	8,839	3	
Stage 7	Date	From	To	Shots				
	02/21/2008	8,790	8,791	3	8,790	8,791	3	
		8,774	8,775	3	8,774	8,775	3	
		8,774	8,775	3	8,774	8,775	3	
		8,702	8,703	3	8,702	8,703	3	
		8,658	8,659	3	8,658	8,659	3	
		8,630	8,631	3	8,630	8,631	3	
		8,600	8,601	3	8,600	8,601	3	
		8,590	8,591	3	8,590	8,591	3	
		8,564	8,565	3	8,564	8,565	3	
		8,552	8,553	3	8,552	8,553	3	
		8,508	8,509	3	8,508	8,509	3	
Stage 8	Date	From	To	Shots				
	02/22/2008	8,340	8,341	3	8,340	8,341	3	
		8,316	8,317	3	8,316	8,317	3	
		8,282	8,283	3	8,282	8,283	3	
		8,254	8,255	3	8,254	8,255	3	
		8,238	8,239	3	8,238	8,239	3	
		8,162	8,163	3	8,162	8,163	3	
		8,150	8,151	3	8,150	8,151	3	
		8,130	8,131	3	8,130	8,131	3	
		8,106	8,107	3	8,106	8,107	3	
		8,000	8,001	3	8,000	8,001	3	
Stage 9	Date	From	To	Shots				
	02/22/2008	7,858	7,859	3	7,858	7,859	3	
		7,824	7,825	3	7,824	7,825	3	
		7,810	7,811	3	7,810	7,811	3	
		7,794	7,795	3	7,794	7,795	3	
		7,782	7,783	3	7,782	7,783	3	
		7,750	7,751	3	7,750	7,751	3	
		7,734	7,735	3	7,734	7,735	3	
		7,726	7,727	3	7,726	7,727	3	
		7,698	7,699	3	7,698	7,699	3	
		7,684	7,685	3	7,684	7,685	3	
Stage 4	Date	From	To	Shots				
	02/20/2008	9,572	9,573	3	9,572	9,573	3	
		9,556	9,557	3	9,556	9,557	3	
		9,540	9,541	3	9,540	9,541	3	
		9,520	9,521	3	9,520	9,521	3	

Frac Summary

Stage 1 : 10,270 - 10,535, 30 - 0.420" shots, 2334 bbls of Slickwater, 74000 lbs of 30-50 Sand Report Date: 02/18/2008

Stage 2 : 9,924 - 10,201, 30 - 0.420" shots, 3020 bbls of Slickwater, 100000 lbs of 30-50 Sand Report Date: 02/19/2008

Stage 3 : 9,598 - 9,897, 30 - 0.420" shots, 2171 bbls of Slickwater, 70000 lbs of 30-50 Sand Report Date: 02/19/2008

Stage 4 : 9,336 - 9,573, 30 - 0.420" shots, 2737 bbls of Slickwater, 92000 lbs of 30-50 Sand Report Date: 02/20/2008

Stage 5 : 9,128 - 9,293, 30 - 0.420" shots, 1809 bbls of Slickwater, 49000 lbs of 30-50 Sand Report Date: 02/21/2008

Stage 6 : 8,838 - 9,085, 30 - 0.420" shots, 3927 bbls of Slickwater, 146000 lbs of 20-40 Sand Report Date: 02/21/2008

Stage 7 : 8,508 - 8,791, 30 - 0.420" shots, 3061 bbls of Slickwater, 105000 lbs of 20-40 Sand Report Date: 02/21/2008

Stage 8 : 8,000 - 8,341, 30 - 0.420" shots, 3303 bbls of Slickwater, 114000 lbs of 20-40 Sand Report Date: 02/22/2008

Stage 9 : 7,684 - 7,859, 30 - 0.420" shots, 3387 bbls of Slickwater, 124125 lbs of 20-40 Sand Report Date: 02/25/2008

Stage 10 : 7,498 - 7,651, 30 - 0.420" shots, 2396 bbls of Slickwater, 81255 lbs of 20-40 Sand Report Date: 02/26/2008

Stage 11 : 7,150 - 7,453, 30 - 0.420" shots, 2810 bbls of Slickwater, 96190 lbs of 20-40 Sand Report Date: 02/27/2008

Set @ 10745 PBDT @ 10700 TD @ 10760