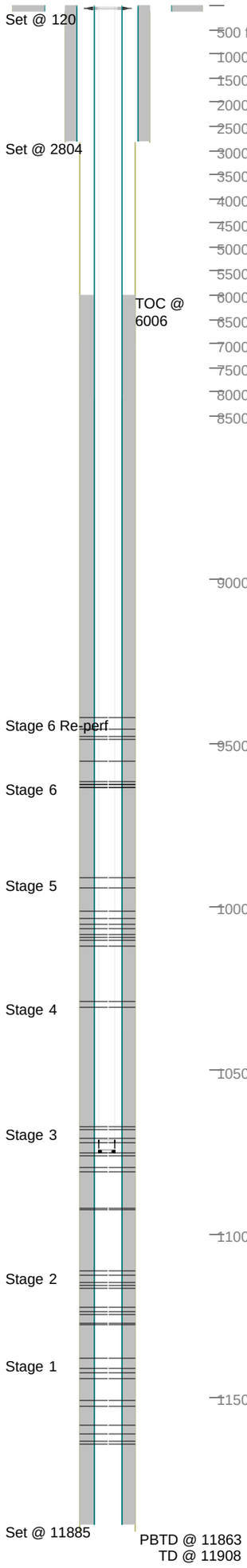
Downhole Schematic for N Parachute EF07B-20 C29 595

Project : North Piceance | API # : 05045154900000 | Surface Location : NENW Sec 29 T5S - R95W 6th P

Area : N Parachute | County : | BHL : SWNE-20-5S-95 W 6th PM

As Of : 11/09/2010 | GL : 7010.0 ft | KB to GL : 22.0 ft | KB : 7032.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	30.000	20	0	120	120			Casing
Surface	13.500	9.625	36	2,804	1	LT&C	J-55	Float Shoe
		9.625	36	2,803	39	LT&C	J-55	Casing Joint
		9.625	36	2,764	1	LT&C	J-55	Float Collar
		9.625	36	2,763	2,732	LT&C	J-55	Casing
			0	30	6			Well Head
		9.625	36	25	30	LT&C	J-55	Landing Joint
Production	8.750	4.5	0	11,885	1			Float Shoe
		4.5	11.6	11,884	20		N-80	Marker A
		4.5	0	11,864	1			Float Collar
		4.5	11.6	11,863	1,475		N-80	Casing
		4.5	11.6	10,387	20		I-80	Marker B
		4.5	11.6	10,368	2,195		I-80	Casing
		4.5	11.6	8,173	19		I-80	Marker C
		4.5	11.6	8,154	8,126		I-80	Casing
		4.5	11.6	27	5		P-110	Mandrel
		4.5	11.6	22	29	LT&C	P-110	Landing jt

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	Class "G" / 1.88lb/skD079+0.25lb/skD029+94lb/skD907+0.188lb/skD046
	Tail	2,344	14.0	Class "G" / 94lb/skD907+.94lb/skD079+0.25lb/skD029+0.188lb/skD046
Conductor	Tail	0	13.0	CSC / .25lb/sk salt
Production	Lead	6,006	11.0	TXI / TXI+7.0% D020+1.0%D079+0.8%D013+.2%D112+0.2%D046+.25lbs/skD029+75 lbs/skD049
	Tail	7,020	13.0	TXI / 35%D66+1%D79+0.625%D112+0.9%D13+0.2%D46+0.25ppsD29+75l b/skD049

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	22.00	22.00	KB
7.063	0.80	22.80	7 1/16" Cameron Tbg Hanger
2.375	10,687.10	10,709.90	338 jnts 2 3/8" L80 4.7# USA Tbg
2.375	1.10	10,711.00	2 3/8 Flag Nipple
2.375	32.81	10,743.90	2 3/8" L80 4.7# USA Tbg
2.375	1.10	10,745.00	2 3/8 Seat Nipple
2.375	10.00	10,755.00	10FT 2 3/8 L80 Pup JT

Perforations

Stage	Date	From	To	Shots
1	04/15/2009	11,642	11,643	3
		11,635	11,636	3
		11,613	11,614	3
		11,584	11,585	3
		11,526	11,527	3
		11,508	11,509	3
		11,440	11,441	3
		11,422	11,423	3
		11,412	11,413	3
		11,381	11,382	3
2	06/08/2009	11,278	11,279	3
		11,274	11,275	3
		11,245	11,246	3
		11,238	11,239	3
		11,222	11,223	3
		11,164	11,165	3
		11,157	11,158	3
		11,150	11,151	3
		11,126	11,127	3
		11,112	11,113	3
3	06/09/2009	10,927	10,928	3
		10,920	10,921	3
		10,810	10,811	3
		10,796	10,797	3
		10,760	10,761	3
		10,750	10,751	3
		10,722	10,723	3
		10,707	10,708	3
		10,682	10,683	3
		10,673	10,674	3
4	06/09/2009	10,306	10,311	30
		10,287	10,292	30
5	06/16/2009	10,118	10,119	3
		10,104	10,105	3
		10,092	10,093	3
		10,083	10,084	3
		10,067	10,068	3
		10,055	10,056	3
		10,035	10,036	3
		10,013	10,014	3
		9,940	9,941	3
		9,910	9,911	3
6	06/16/2009	9,637	9,638	3
		9,635	9,636	3
		9,628	9,629	3
		9,624	9,625	3
		9,618	9,619	3
6 Re-perf	07/28/2009	9,554	9,556	12
		9,488	9,490	12
		9,478	9,480	12
		9,456	9,458	12
		9,420	9,422	12

Frac Summary

Stage 1 : 11,381 - 11,643, 30 - 0.420" shots, 10036 bbls of Slickwater, 68000 lbs of 30-50 Sand Report Date: 04/24/2009

Stage 2 : 11,112 - 11,279, 30 - 0.420" shots, 3278 bbls of Slickwater, 21000 lbs of 30-50 Sand Report Date: 06/09/2009

Stage 3 : 10,673 - 10,928, 30 - 0.420" shots, 3980 bbls of Slickwater, 26000 lbs of 30-50 Sand Report Date: 06/09/2009

Stage 4 : 10,287 - 10,311, 30 - 0.420" shots, 5417 bbls of Slickwater, 38100 lbs of 30-50 Sand Report Date: 06/15/2009

Stage 5 : 9,910 - 10,119, 30 - 0.420" shots, 7012 bbls of Slickwater, 49000 lbs of 20-40 Sand Report Date: 06/15/2009

Stage 6 : 9,618 - 9,638, 30 - 0.420" shots, 1908 bbls of Slickwater, 12000 lbs of 20-40 Sand Report Date: 06/18/2009

Stage 6 Re-perf : No Frac

Bridge Plug Details

Depth	Date Set	Plug Type	Sacks Cement
9,650.0	06/15/2009	CIBP	0

CIBP at 9,650.0 drilled out 11/03/2010

Comments

7/28/09: Pulled 303jts out, Re-perf stage 6, Run back in hole w/ 295jts @ land @ 9365'
339 JTS L80 USA Tbg landed on 11-9-10 set @ 10755'