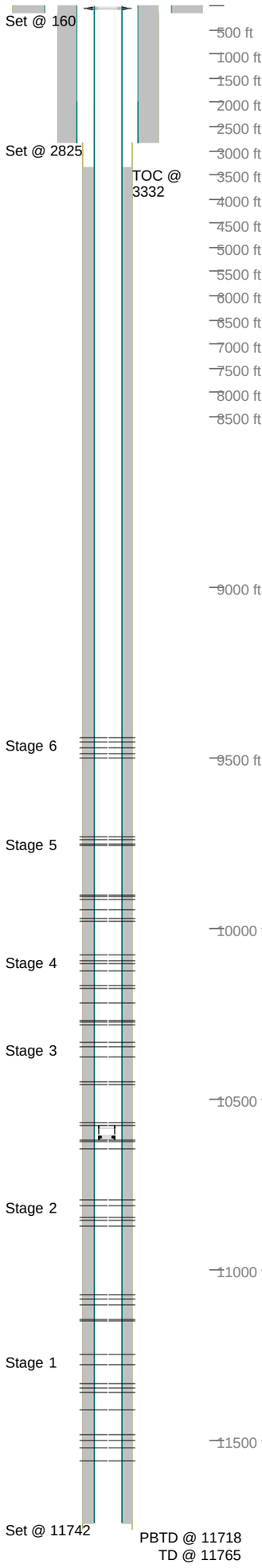
Downhole Schematic for N Parachute EF05D-20 C29 595

Project : North Piceance | API # : 05045155570000 | Surface Location : NENW Sec 29 T5S - R95W 6th P

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

As Of : 11/11/2010 | GL : 7011.0 ft | KB to GL : 22.0 ft | KB : 7033.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	30.000	20	0	160	160			Line pipe
Surface	16.000	9.625	0	2,825	1	LT&C		Float Shoe
		9.625	36	2,824	43	LT&C	H-40	Casing
		9.625	0	2,781	2	LT&C		Float Collar
		9.625	36	2,779	778	LT&C	H-40	Casing
		9.625	0	2,001	1	LT&C		Injection Collar
		9.625	36	2,000	2,006	LT&C	H-40	Casing
Production	7.875	4.5	0	11,742	1	LT&C		Float Shoe
		4.5	11.6	11,741	22	LT&C	I-80	Casing
		4.5	0	11,719	1	LT&C		Float Collar
		4.5	11.6	11,718	1,433	LT&C	I-80	Casing
		4.5	11.6	10,285	21	LT&C	I-80	Marker Jt.
		4.5	11.6	10,263	2,234	LT&C	I-80	Casing
		4.5	11.6	8,029	22	LT&C	I-80	Marker Jt.
		4.5	11.6	8,007	506	LT&C	I-80	Casing
		4.5	0	7,501	3	LT&C	P-110	Stage Collar
		4.5	11.6	7,499	5,143	LT&C	I-80	Casing
		4.5	11.6	2,356	378	LT&C	NS-110	Casing
		4.5	11.6	1,978	1,936	LT&C	I-100	Casing
		4.5	11.6	41	14	LT&C	P-110	Casing
		4.5	11.6	27	5	LT&C	P-110	Pup Jt. & Mandrill
		4.5	11.6	22	28	LT&C	P-110	Landing Jt.

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Lead	0	13.0	CSC / 2lb/sk PS Flake
Surface	Lead	0	12.0	TXI / 1%D79+0.5%D46+0.25pps D29 +0.5%D13
	Tail	2,145	12.5	TXI / 13pps D124+0.2%D46+0.25pps D29+6%D53
Production	Lead	3,332	11.0	TXI / 1.5%DO13+11%DO20+1%DO79+0.2%D112+0.2%DO46
	Tail	5,396	13.0	TXI / 35%D66+1%D79+0.625$D112+0.8%D13+0.2%D46+0.25ppsD29

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	22.00	22.00	KB
7.063	0.80	22.80	7 1/6 Cameron Tbg Hanger
2.375	10,554.30	10,577.10	332 Jts 2 3/8 L80 4.7# USA Tbg
2.375	1.10	10,578.20	2 3/8 Flag Nipple
2.375	31.60	10,609.80	1 Jt 2 3/8 L80 $.7# Usa Tbg
2.375	1.10	10,610.90	2 3/8 Seat Nipple
2.375	10.10	10,621.00	10FT L80 Pup Jt

Perforations

Stage 1

Date	From	To	Shots
04/15/2009	11,560	11,561	3
	11,524	11,525	3
	11,504	11,505	3
	11,486	11,487	3
	11,411	11,412	3
	11,362	11,363	3
	11,347	11,348	3
	11,334	11,335	3
	11,281	11,282	3
	11,248	11,249	3

Stage 2

Date	From	To	Shots
06/26/2009	11,150	11,151	3
	11,146	11,147	3
	11,103	11,104	3
	11,086	11,087	3
	11,076	11,077	3
	10,874	10,875	3
	10,858	10,859	3
	10,847	10,848	3
	10,813	10,814	3
	10,796	10,797	3

Stage 3

Date	From	To	Shots
06/29/2009	10,648	10,649	3
	10,627	10,628	3
	10,621	10,622	3
	10,578	10,579	3
	10,569	10,570	3
	10,458	10,459	3
	10,448	10,449	3
	10,376	10,377	3
	10,348	10,349	3
	10,334	10,335	3

Stage 4

Date	From	To	Shots
07/01/2009	10,282	10,283	3
	10,274	10,275	3
	10,270	10,271	3
	10,218	10,219	3
	10,176	10,177	3
	10,168	10,169	3
	10,126	10,127	3
	10,102	10,103	3
	10,094	10,095	3
	10,080	10,081	3

Stage 5

Date	From	To	Shots
07/01/2009	9,978	9,979	3
	9,972	9,973	3
	9,946	9,947	3
	9,914	9,915	3
	9,908	9,909	3
	9,902	9,903	3
	9,758	9,759	3
	9,753	9,754	3
	9,740	9,741	3
	9,730	9,731	3

Stage 6

Date	From	To	Shots
07/01/2009	9,500	9,501	3
	9,490	9,491	3
	9,472	9,473	3
	9,455	9,456	3
	9,442	9,443	3

Frac Summary

Stage 1 : 11,248 - 11,561, 30 - 0.420" shots, 5775 bbls of Slickwater, 41000 lbs of 40-80 HydroProp Report Date: 04/24/2009

Stage 2 : 10,796 - 11,151, 30 - 0.420" shots, 5702 bbls of Slickwater, 37180 lbs of 30-50 Sand Report Date: 06/29/2009

Stage 3 : 10,334 - 10,649, 30 - 0.420" shots, 5503 bbls of Slickwater, 35000 lbs of 30-50 Sand Report Date: 06/30/2009

Stage 4 : 10,080 - 10,283, 30 - 0.420" shots, 7092 bbls of Slickwater, 48000 lbs of 20-40 Sand Report Date: 06/30/2009

Stage 5 : 9,730 - 9,979, 30 - 0.420" shots, 5234 bbls of Slickwater, 29000 lbs of 20-40 Sand, 6000 lbs of 40-70 Sand Report Date: 06/30/2009

Stage 6 : 9,442 - 9,501, 30 - 0.420" shots, 5463 bbls of Slickwater, 36000 lbs of 40-80 Sand Report Date: 07/03/2009

Bridge Plug Details

Depth	Date Set	Plug Type	Sacks Cement
9,615.0	06/30/2009	CIBP	0
0.0	12:00:00 AM		0

CIBP at 9,615.0 drilled out 11/03/2010

Comments