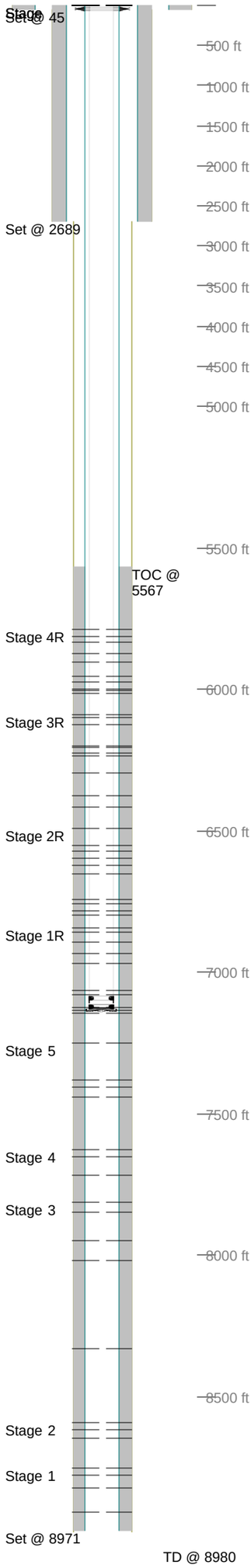
Downhole Schematic for N Parachute WF04C-31 A36A 596

Project : North Piceance | API # : 05045138790000 | Surface Location : NENE Sec 36 T5S - R96W 6th PM

Area : N Parachute | County : | BHL : NWNW-31-5S-95 W 6th PM

As Of : 04/25/2012 | GL : 5789.0 ft | KB to GL : 14.0 ft | KB : 5803.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	24.000	18	0	45	45			Conductor
Surface	13.500	9.625	0	2,689	2,689			Surface
Production	7.875	4.5	0	8,971	8,971			Production

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Lead	0	0.0	/
Surface	Lead	0	0.0	/
Production	Lead	5,567	0.0	/

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	14.00	14.00	KB
7.063	0.66	14.66	7-1/16" Seaboard Tbg hanger
3.063	7,067.74	7,082.40	226jts 2-3/8" 4.7# N80 EUE Tbg (orginal used yellow band)
3.063	1.11	7,083.51	2-3/8" N80 Flag Nipple (1.995" I.D)
3.063	31.42	7,114.93	1jt 2-3/8" 4.7# N80 EUE Tbg (used yellow band)
3.063	1.11	7,116.04	2-3/8" Seating Nipple (1.78" I.D)
3.063	10.04	7,126.08	2-3/8" 10ft Pup Jt = EOT
3.063	0.77	7,126.85	2-3/8" P-110 Magnum Ceramic Disc sub
3.750	0.71	7,127.56	3-3/4" Bladed Bit (Welded onto 2-3/8" EUE 8rd Collar) =EOT

Perforations

Stage 1

Date	From	To	Shots
06/18/2007	8,909	8,911	4
	8,824	8,827	5
	8,776	8,778	4
	8,753	8,755	3

Stage 1R

Date	From	To	Shots
02/13/2012	7,144	7,145	3
	7,134	7,135	3
	7,124	7,125	3
	7,082	7,083	3
	7,066	7,067	3
	6,971	6,972	3
	6,935	6,936	3
	6,892	6,893	3
	6,858	6,859	3
	6,844	6,845	3

Stage 2

Date	From	To	Shots
06/25/2007	8,646	8,648	4
	8,617	8,619	5
	8,592	8,594	4

Stage 2R

Date	From	To	Shots
02/20/2012	6,796	6,797	3
	6,782	6,783	3
	6,758	6,759	3
	6,744	6,745	3
	6,651	6,652	3
	6,621	6,622	3
	6,597	6,598	3
	6,570	6,571	3
	6,550	6,551	3
	6,490	6,491	3

Stage 3

Date	From	To	Shots
07/01/2007	8,330	8,332	4
	8,018	8,020	4
	7,950	7,952	4
	7,849	7,851	4
	7,813	7,814	3

Stage 3R

Date	From	To	Shots
02/22/2012	6,415	6,416	3
	6,378	6,379	3
	6,297	6,298	3
	6,234	6,235	3
	6,226	6,227	3
	6,206	6,207	3
	6,200	6,201	3
	6,124	6,125	3
	6,102	6,103	3
	6,088	6,089	3

Stage 4

Date	From	To	Shots
07/08/2007	7,716	7,719	5
	7,653	7,656	5
	7,625	7,627	3

Stage 4R

Date	From	To	Shots
02/23/2012	6,014	6,015	3
	6,007	6,008	3
	6,000	6,001	3
	5,973	5,974	3
	5,953	5,954	3
	5,906	5,907	3
	5,874	5,875	3
	5,834	5,835	3
	5,814	5,815	3
	5,790	5,791	3

Stage 5

Date	From	To	Shots
07/16/2007	7,440	7,443	5
	7,405	7,407	3
	7,379	7,381	4
	7,250	7,252	3

Frac Summary

Stage 1 : 8,753 - 8,911, 16 - 0.350" shots, 4259 bbls of Slickwater, 139900 lbs of 30-50 Sand Report Date: 06/19/2007
Stage 2 : 8,592 - 8,648, 13 - 0.350" shots, 3330 bbls of Slickwater, 103500 lbs of 30-50 Sand Report Date: 06/27/2007
Stage 3 : 7,813 - 8,332, 19 - 0.350" shots, 4371 bbls of Slickwater, 101500 lbs of 30-50 Sand Report Date: 07/02/2007
Stage 4 : 7,625 - 7,718, 13 - 0.350" shots, 3026 bbls of Slickwater, 94500 lbs of 30-50 Sand Report Date: 07/09/2007
Stage 5 : 7,250 - 7,442, 15 - 0.350" shots, 3414 bbls of Slickwater, 105000 lbs of 30-50 Sand Report Date: 07/18/2007
Stage 1R : 6,844 - 7,145, 30 - 0.420" shots, 8334 bbls of Slickwater Report Date: 02/20/2012
Stage 2R : 6,490 - 6,797, 30 - 0.420" shots, 9999 bbls of Slickwater Report Date: 02/21/2012
Stage 3R : 6,088 - 6,416, 30 - 0.420" shots, 7026 bbls of Slickwater Report Date: 02/22/2012
Stage 4R : 5,790 - 6,015, 30 - 0.420" shots, 5326 bbls of Slickwater Report Date: 02/23/2012

Comments

227 jts 2-3/8 4.7# N80 Yellow Band tbg.