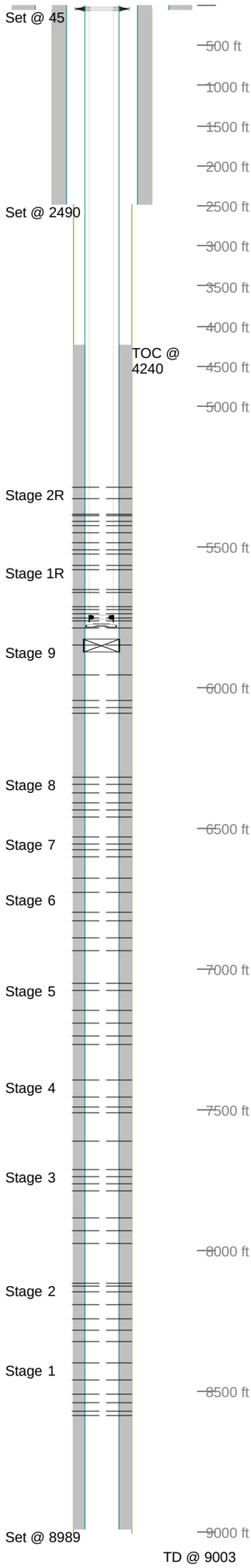
Downhole Schematic for N Parachute WF09B-25 I25A 596

Project : North Piceance | API # : 05045145680000 | Surface Location : NESE Sec 25 T5S - R96W 6th PM

Area : N Parachute | County : | BHL : NESE-25-5S-96 W 6th PM

As Of : 05/07/2012 | GL : 5818.0 ft | KB to GL : 14.0 ft | KB : 5832.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	24.000	18	0	45	45			Conductor
Surface	13.500	13.5	0	2,490	2,490			Surface
Production	7.875	4.5	0	8,989	8,989			Production

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Conductor	Lead	0	0.0	/
Surface	Lead	0	0.0	/
Production	Lead	4,240	0.0	/

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	14.00	14.00	KB
7.063	0.65	14.65	Seaboard tbg. hanger
3.063	5,727.47	5,742.12	181 jts. 2 3/8" N80 4.7# yellow band tbg.
3.063	1.10	5,743.22	2 3/8" seating nipple
3.063	31.47	5,774.69	1 jt. 2 3/8" N80 4.7# yellow band tbg.
3.875	0.71	5,775.40	3 7/8" 3- blade bit w/ 2 3/8" collar welded on

Perforations

Stage	Date	From	To	Shots
1	04/11/2008	8,587	8,588	3
		8,569	8,571	4
		8,543	8,545	4
		8,510	8,511	3
		8,462	8,464	6
		8,399	8,400	2
1R	02/29/2012	5,790	5,791	3
		5,765	5,766	3
		5,751	5,752	3
		5,738	5,739	3
		5,724	5,725	3
		5,712	5,713	3
		5,663	5,664	3
		5,652	5,653	3
		5,582	5,583	3
		5,568	5,569	3
2	04/20/2008	8,321	8,322	3
		8,285	8,286	3
		8,241	8,242	3
		8,192	8,194	4
		8,146	8,147	3
		8,128	8,129	3
		8,117	8,118	3
2R	03/06/2012	5,523	5,524	3
		5,512	5,513	3
		5,484	5,485	3
		5,448	5,449	3
		5,426	5,427	3
		5,410	5,411	3
		5,390	5,391	3
		5,382	5,383	3
		5,328	5,329	3
		5,286	5,287	3
3	04/28/2008	7,974	7,975	3
		7,930	7,932	4
		7,884	7,885	2
		7,789	7,791	4
		7,763	7,765	5
		7,737	7,738	2
		7,713	7,714	2
4	05/04/2008	7,610	7,612	5
		7,510	7,512	4
		7,490	7,492	4
		7,456	7,457	3
		7,394	7,395	3
5	05/12/2008	7,269	7,271	4
		7,239	7,241	4
		7,191	7,193	4
		7,146	7,147	3
		7,076	7,077	3
		7,050	7,052	5
6	05/19/2008	6,934	6,936	4
		6,890	6,892	5
		6,830	6,832	5
		6,800	6,802	5
		6,729	6,730	3
7	06/29/2008	6,675	6,677	5
		6,600	6,602	4
		6,576	6,578	4
		6,554	6,556	5
		6,529	6,531	4
8	07/02/2008	6,460	6,461	3
		6,434	6,435	3
		6,409	6,410	3
		6,372	6,373	3
		6,345	6,346	3
		6,316	6,317	3
9	07/03/2008	6,090	6,092	4
		6,070	6,072	4
		6,046	6,047	2
		5,954	5,956	4
		5,850	5,852	4

Frac Summary

Stage 1 : 8,399 - 8,588, 22 - 0.000" shots, 5343 bbls of Slickwater, 196700 lbs of 30-50 Sand Report Date: 04/12/2008
Stage 2 : 8,117 - 8,322, 22 - 0.000" shots, 4071 bbls of Slickwater, 126800 lbs of 30-50 Sand Report Date: 04/22/2008
Stage 3 : 7,713 - 7,975, 22 - 0.000" shots, 5487 bbls of Slickwater, 200000 lbs of 30-50 Sand Report Date: 04/30/2008
Stage 4 : 7,394 - 7,612, 19 - 0.000" shots, 3658 bbls of Slickwater, 117000 lbs of 30-50 Sand Report Date: 05/06/2008
Stage 5 : 7,050 - 7,271, 23 - 0.000" shots, 5226 bbls of Slickwater, 183700 lbs of 30-50 Sand Report Date: 05/13/2008
Stage 6 : 6,729 - 6,936, 22 - 0.000" shots, 5310 bbls of Slickwater, 201000 lbs of 30-50 Sand Report Date: 05/20/2008
Stage 7 : 6,529 - 6,677, 22 - 0.000" shots, 4072 bbls of Slickwater, 153200 lbs of 30-50 Sand Report Date: 06/30/2008
Stage 8 : 6,316 - 6,461, 18 - 0.000" shots, 4096 bbls of Slickwater, 148000 lbs of 30-50 Sand Report Date: 06/30/2008
Stage 9 : 5,850 - 6,092, 18 - 0.000" shots, 3545 bbls of Slickwater, 133300 lbs of 30-50 Sand Report Date: 07/08/2008
Stage 1R : 5,568 - 5,791, 8364 bbls of Slickwater Report Date: 03/05/2012
Stage 2R : 5,286 - 5,524, 7978 bbls of Slickwater Report Date: 03/07/2012

Bridge Plug Details

Depth	Date Set	Plug Type	Sacks Cement
5,830.0	02/28/2012	CFP	0

Comments

182 jts. 2 3/8" N80 4.7# yellow band tbg. total in hole. Flow test data used was best available on 5/2/2012. Flowback data has been sporadic.