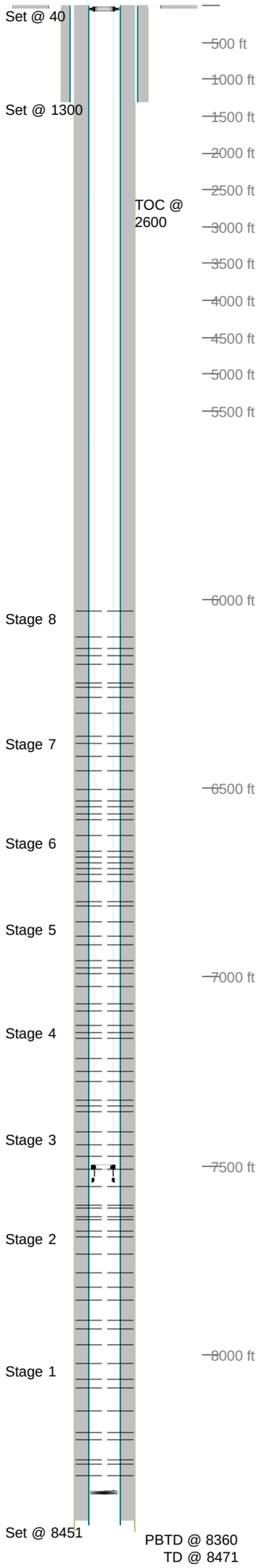
Downhole Schematic for Federal Savage 11-6B (RD11)

Project : South Piceance | API # : 05045209070000 | Surface Location : NWNW Sec 11 T7S - R94W 6th P

Area : Rulison | County : GARFIELD | BHL : NWNW-11-7S-94 W 6th PM

As Of : 03/31/2012 | GL : 6384.0 ft | KB to GL : 22.0 ft | KB : 6406.0 ft



Casing Details

Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Conductor	26.000	16	42	40	40		A52A	Joint
Surface	12.250	9.625	0	1,300	2	LT&C		Float Show
		9.625	36	1,299	1,270	LT&C	J55	Casing Joints
		9.625	0	29	5	LT&C		Wellhead LSH
		9.625	36	24	26	LT&C	J55	Landing Joint
Production	8.750	4.5	11.6	8,451	1	Butt	S80	Float shoe
		4.5	11.6	8,450	44	Butt	S80	Shoe joint
		4.5	11.6	8,406	1	Butt	S80	Float collar
		4.5	11.6	8,405	1,322	Butt	S80	Casing
		4.5	11.6	7,083	23	Butt	S80	Marker joint
		4.5	11.6	7,060	966	Butt	S80	Casing
		4.5	11.6	6,094	23	Butt	S80	Marker joint
		4.5	11.6	6,071	6,043	Butt	S80	Casing
		4.5	11.6	28	5	Butt	P110	Mandrel
		4.5	11.6	23	26	Butt	S80	Landing joint

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Fill	0	8.3	Water 20bbls /
	Lead	0	12.5	G lead / G+2.0% DO79 + 0.2% DO46 + 0.25#sx D029
	Tail	1,020	15.8	G Tail / G +1.0% SOO1 + 0.2% DO46+0.25#sxDO29
Production	Scavenger	0	11.3	Mud push II 40 /
	Lead	2,600	12.0	TXI / D049 75# SK, D079 1%, D013 .8%, D046 .5%, D029 .25LB/SK
	Tail	5,588	13.0	TXI / D049 75# SK, D020 3%, D112 .2%, D013 .4%, D046 .5%, D029 .25LB/SK
Conductor	Fill	0	0.0	4 yards redi mix /

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	20.00	20.00	
4.063	0.87	20.87	4-1/16" 10k WG hanger
2.594	0.67	21.54	2-3/8" N-80 Saver Sub
2.375	7,475.80	7,497.34	227 jts of 4.7# EUE L-80 Tbg
3.063	0.97	7,498.31	1.81" I.D. "F" profile nipple
2.375	33.10	7,531.41	1 jt of 4.7# EUE L-80 Tbg
3.063	0.92	7,532.33	Top half of the POBS
3.750	1.21	8,360.00	Btm POBS & 3-3/4" bit

Perforations

Stage	Date	From	To	Shots
1	02/15/2012	8,320	8,321	3
		8,292	8,293	3
		8,278	8,279	3
		8,224	8,225	3
		8,206	8,207	3
		8,148	8,149	3
		8,088	8,089	3
		8,064	8,065	3
		8,022	8,023	3
2	02/18/2012	7,974	7,975	3
		7,934	7,935	3
		7,908	7,909	3
		7,856	7,857	3
		7,820	7,821	3
		7,782	7,783	3
		7,734	7,735	3
		7,690	7,691	3
		7,672	7,673	3
3	02/20/2012	7,642	7,643	3
		7,634	7,635	3
		7,612	7,613	3
		7,604	7,605	3
		7,556	7,557	3
		7,508	7,509	3
		7,474	7,475	3
		7,444	7,445	3
		7,410	7,411	3
4	02/22/2012	7,356	7,357	3
		7,340	7,341	3
		7,326	7,327	3
		7,278	7,279	3
		7,248	7,249	3
		7,216	7,217	3
		7,164	7,165	3
		7,146	7,147	3
		7,128	7,129	3
5	02/25/2012	7,088	7,089	3
		7,070	7,071	3
		7,026	7,027	3
		6,990	6,991	3
		6,976	6,977	3
		6,956	6,957	3
		6,914	6,915	3
		6,890	6,891	3
		6,854	6,855	3
6	02/28/2012	6,810	6,811	3
		6,800	6,801	3
		6,748	6,749	3
		6,726	6,727	3
		6,712	6,713	3
		6,698	6,699	3
		6,680	6,681	3
		6,666	6,667	3
		6,624	6,625	3
7	03/04/2012	6,584	6,585	3
		6,566	6,567	3
		6,548	6,549	3
		6,534	6,535	3
		6,504	6,505	3
		6,454	6,455	3
		6,414	6,415	3
		6,380	6,381	3
		6,360	6,361	3
8	03/06/2012	6,302	6,303	3
		6,258	6,259	3
		6,232	6,233	3
		6,220	6,221	3
		6,172	6,173	3
		6,148	6,149	3
		6,128	6,129	3
		6,098	6,099	3
		6,028	6,029	3

Frac Summary

Stage 1 : 8,022 - 8,321, 27 - 0.390" shots, 4445 bbls of Slickwater Report Date: 02/17/2012
Stage 2 : 7,672 - 7,975, 27 - 0.390" shots, 12861 bbls of Slickwater Report Date: 02/19/2012
Stage 3 : 7,410 - 7,643, 27 - 0.390" shots, 8228 bbls of Slickwater Report Date: 02/21/2012
Stage 4 : 7,128 - 7,357, 27 - 0.390" shots, 13146 bbls of Slickwater Report Date: 02/23/2012
Stage 5 : 6,854 - 7,089, 27 - 0.390" shots, 10580 bbls of Slickwater Report Date: 02/27/2012
Stage 6 : 6,624 - 6,811, 27 - 0.390" shots, 12697 bbls of Slickwater Report Date: 03/03/2012
Stage 7 : 6,360 - 6,585, 27 - 0.390" shots, 18415 bbls of Slickwater Report Date: 03/05/2012
Stage 8 : 6,028 - 6,303, 27 - 0.390" shots, 14992 bbls of Slickwater Report Date: 03/09/2012

Comments

SIBHP 0 psi 3/31/12