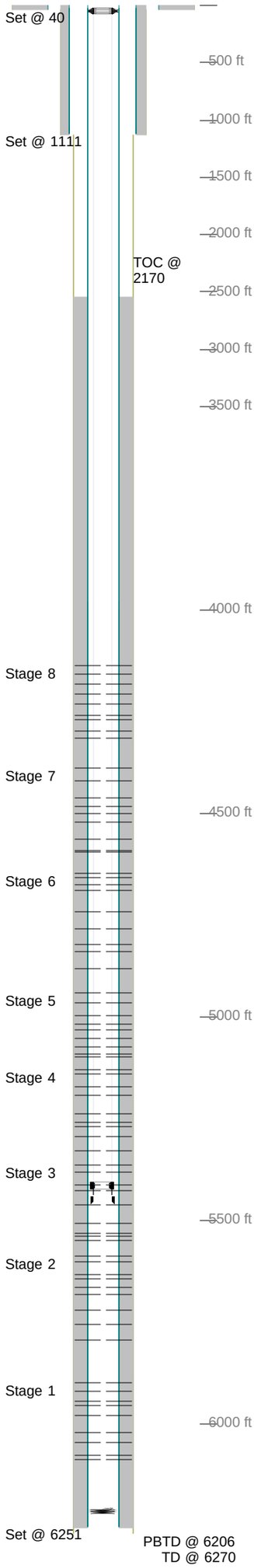
Downhole Schematic for Daybreak Federal 19-6BB (PJ19)

Project : South Piceance | API # : 05045198920000 | Surface Location : NWSE Sec 19 T7S - R95W 6th P

Area : Parachute | County : GARFIELD | BHL : SENW-19-7S-95 W 6th PM

As Of : 12/03/2011 | GL : 5426.0 ft | KB to GL : 22.0 ft | KB : 5448.0 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	36	1,111	1	LT&C		Float Shoe
		9.625	36	1,110	43	LT&C	J55	Casing Jt
		8.875	0	1,066	0			Baffle
		9.625	36	1,066	1,038	LT&C	J55	Casing
		9.625	36	28	3	LT&C	J55	Pup Jt
		11.00	0	25	2	LT&C		Well Head
		9.625	36	23	26	Butt	J55	Landing JT
Production	8.750	4-1/2	11.6	6,251	1	Butt	m80	Float Shoe
		4-1/2	11.6	6,250	42	Butt	M80	4-1/2" jt csg
		4-1/2	11.6	6,208	1	Butt	M80	Float Collar
		4-1/2	11.6	6,206	1,136	Butt	M80	4-1/2" CSG JTS
		4-1/2	11.6	5,070	23	Butt	m80	Marker jt
		4-1/2	11.6	5,048	1,048	Butt	m80	4-1/2 csg jt
		4-1/2	11.6	4,000	23	Butt	m80	marker jt
		4-1/2	11.6	3,977	3,951	Butt	m80	4-1/2" csg jts
		4-1/2	11.6	27	5	Butt	m80	mandril & pup
		4-1/2	11.6	22	26	ST&C	m80	landing jt

Cement Details

Section	Sequence	Top	Density	Blend / Additives
Surface	Lead	0	12.5	Class G / +2.0% D079+0.2% D046+0.25 lb/sk D029
	Tail	625	15.8	Class G / + 1.25% S001 + 0.2% D046 + 0.25lb/sk D029
Production	Scavenger	0	0.0	cw100 / d122a .5gal/bbl, j237a .25gal/bbl
	Lead	2,548	12.0	Class C / DO46 .5%, DO13 .7%, DO791%, DO49 75#/SK, DO29 .25#/SK
	Tail	4,639	13.0	Class G / D020 3%, D112 .2%, DO13 .4%, DO49 75#/SK, D029 .25#/SK, DO46 .5%
Conductor	Fill	0	0.0	4 yards redi mix /

Tubing and Downhole Equipment

O.D.	Length	Depth	Description
0.000	20.00	20.00	KB
4.063	0.82	20.82	4 1/16 5K Tubing Hanger W.G.
2.594	0.67	21.49	Saver Sub
2.375	5,384.60	5,406.09	164 JTS 2 3/8" J55 4.7#
3.063	0.98	5,407.07	F-Nipple
2.375	32.89	5,439.96	1 JT 2 3/8" J55 4.7#
3.125	0.92	5,440.88	POBS
3.250	1.23	6,206.00	POBS and 3 3/4" Bit

Perforations

Stage	Date	From	To	Shots
1	10/25/2011	6,086	6,087	3
		6,076	6,077	3
		6,046	6,047	3
		6,020	6,021	3
		5,980	5,981	3
		5,956	5,957	3
		5,944	5,945	3
		5,920	5,921	3
		5,900	5,901	3
2	10/27/2011	5,794	5,795	3
		5,756	5,757	3
		5,722	5,723	3
		5,682	5,683	3
		5,664	5,665	3
		5,642	5,643	3
		5,632	5,633	3
		5,600	5,601	3
		5,588	5,589	3
3	10/27/2011	5,548	5,549	3
		5,538	5,539	3
		5,530	5,531	3
		5,508	5,509	3
		5,460	5,461	3
		5,428	5,429	3
		5,412	5,413	3
		5,380	5,381	3
		5,364	5,365	3
4	10/28/2011	5,328	5,329	3
		5,294	5,295	3
		5,270	5,271	3
		5,258	5,259	3
		5,238	5,239	3
		5,192	5,193	3
		5,170	5,171	3
		5,140	5,141	3
		5,130	5,131	3
5	10/30/2011	5,098	5,099	3
		5,092	5,093	3
		5,072	5,073	3
		5,054	5,055	3
		5,030	5,031	3
		5,018	5,019	3
		4,996	4,997	3
		4,964	4,965	3
		4,940	4,941	3
6	11/02/2011	4,880	4,881	3
		4,838	4,839	3
		4,822	4,823	3
		4,784	4,785	3
		4,742	4,743	3
		4,688	4,689	3
		4,674	4,675	3
		4,658	4,659	3
		4,646	4,647	3
7	11/04/2011	4,594	4,595	3
		4,590	4,591	3
		4,562	4,563	3
		4,520	4,521	3
		4,500	4,501	3
		4,484	4,485	3
		4,462	4,463	3
		4,420	4,421	3
		4,388	4,389	3
8	11/05/2011	4,314	4,315	3
		4,296	4,297	3
		4,268	4,269	3
		4,260	4,261	3
		4,230	4,231	3
		4,206	4,207	3
		4,182	4,183	3
		4,156	4,157	3
		4,138	4,139	3

Frac Summary

Stage 1 : 5,900 - 6,087, 27 - 0.340" shots, 8909 bbls of Slickwater Report Date: 10/26/2011
Stage 2 : 5,588 - 5,795, 27 - 0.340" shots, 6535 bbls of Slickwater Report Date: 10/27/2011
Stage 3 : 5,364 - 5,549, 27 - 0.340" shots, 7965 bbls of Slickwater Report Date: 10/28/2011
Stage 4 : 5,130 - 5,329, 27 - 0.340" shots, 7159 bbls of Slickwater Report Date: 10/30/2011
Stage 5 : 4,940 - 5,099, 27 - 0.340" shots, 11352 bbls of Slickwater Report Date: 11/02/2011
Stage 6 : 4,646 - 4,881, 27 - 0.340" shots, 9645 bbls of Slickwater Report Date: 11/03/2011
Stage 7 : 4,388 - 4,595, 27 - 0.340" shots, 8313 bbls of Slickwater Report Date: 11/04/2011
Stage 8 : 4,138 - 4,315, 27 - 0.340" shots, 14436 bbls of Slickwater Report Date: 11/05/2011

Comments

SIBP 20 psi 12/4/11