

Downhole Schematic for Daybreak Federal 19-7C (PJ19)

ENCANA

Project : South Piceance

API # :05045198890000

Surface Location : NWSE Sec 19 T7S - R95W 6th PM

Area : Parachute

County :

BHL : SWNE-19-7S-95 W 6th PM

As Of : 12/07/2011

GL : 5425.0 ft

KB to GL : 23.0 ft

KB : 5448.0 ft

Set @ 40	Casing Details									
	Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	Joint
	Conductor	26.000	16	42	40	40		A52A		
	Surface	12.250	9.625	36	1,102	1	LT&C	J55	Float Shoe	
			9.625	36	1,101	42	LT&C	J55	Casing Jt	
			8.875	0	1,058	0			Baffle	
			9.625	36	1,058	1,031	LT&C	J55	Casing	
Set @ 1102			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	4.5	11.6	6,410	1	LT&C	E80	Shoe	
			4.5	11.6	6,409	41	LT&C	E80	Jt 4.5" M80 11.6#	
			4.5	11.6	6,367	1	LT&C	E80	Float	
			4.5	11.6	6,366	1,152	LT&C	E80	Jt 4.5" M80 11.6#	
			4.5	11.6	5,214	22	LT&C	E80	Marker Jt	
			4.5	11.6	5,192	987	LT&C	E80	Jt 4.5" M80 11.6#	
			4.5	11.6	4,205	23	LT&C	E80	Marker Jt	
TOC @ 2450			4.5	11.6	4,181	4,071	LT&C	E80	Jt 4.5" M80 11.6#	
			4.5	11.6	110	3	LT&C	P110	Pup	
			4.5	11.6	108	2	LT&C	P110	Mandrel	
			4.5	11.6	106	26	LT&C	P110	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	948	15.8	Class G / + 1.25% S001 + 0.2% D046 + 0.25lb/sk D029					
	Production	Lead	2,450	12.0	TXI LiteWeight / 1.0% D079 + 0.7% D013 + 0.5% D046 + 0.25lb/sk D029					
		Tail	4,392	13.0	TXI LiteWeight / 3.0% D020+0.2%D112+0.4%D013+0.5% D046+0.25lb/sk D029					
	Conductor	Fill	0	0.0	4 yards redi mix /					
	Tubing and Downhole Equipment									
	O.D.	Length	Depth	Description						
	0.000	21.00	21.00	KB						
	4.063	0.82	21.82	WG 5k 4 1/16 hgr						
	2.594	0.67	22.49	Saver Sub						
	2.375	5,575.59	5,598.09	170 jts 2 3/8" L80 4.7#						
	3.063	0.98	5,599.06	F-nipple						
	2.375	32.83	5,631.89	1 jt 2 3/8 L80 4.7#						
	3.125	0.92	5,632.81	POBS						
	3.250	1.23	6,408.00	POBS and 3 3/4" bit						
	Perforations									
Stage 7	Stage 1							5,256	5,257	3
		Date	From	To	Shots			5,232	5,233	3
	4500 ft	11/10/2011	6,228	6,229	3			5,176	5,177	3
			6,214	6,215	3			5,158	5,159	3
			6,188	6,189	3			5,122	5,123	3
			6,160	6,161	3	Stage 5				
			6,122	6,123	3	Date	From	To	Shots	
			6,088	6,089	3	11/14/2011	5,080	5,081	3	
Stage 6			6,056	6,057	3		5,050	5,051	3	
			6,036	6,037	3		5,026	5,027	3	
			6,002	6,003	3		5,004	5,005	3	
	Stage 2						4,976	4,977	3	
	Date	From	To	Shots			4,956	4,957	3	
	11/11/2011	5,952	5,953	3			4,928	4,929	3	
		5,912	5,913	3			4,910	4,911	3	
		5,878	5,879	3			4,880	4,881	3	
		5,852	5,853	3	Stage 6					
Stage 5			5,834	5,835	3	Date	From	To	Shots	
			5,812	5,813	3	11/16/2011	4,838	4,839	3	
			5,788	5,789	3		4,820	4,821	3	
	5000 ft		5,738	5,739	3		4,804	4,805	3	
			5,726	5,727	3		4,780	4,781	3	
	Stage 3						4,764	4,765	3	
	Date	From	To	Shots			4,728	4,729	3	
Stage 4		11/12/2011	5,670	5,671	3		4,708	4,709	3	
			5,634	5,635	3		4,680	4,681	3	
			5,626	5,627	3		4,654	4,655	3	
			5,586	5,587	3	Stage 7				
			5,562	5,563	3	Date	From	To	Shots	
			5,520	5,521	3	11/17/2011	4,612	4,613	3	
			5,498	5,499	3		4,572	4,573	3	
			5,476	5,477	3		4,560	4,561	3	
			5,428	5,429	3		4,534	4,535	3	
	Stage 4						4,522	4,523	3	
	Date	From	To	Shots			4,492	4,493	3	
Stage 3		11/14/2011	5,380	5,381	3		4,476	4,477	3	
			5,350	5,351	3		4,438	4,439	3	
			5,334	5,335	3		4,418	4,419	3	
	5500 ft		5,298	5,299	3					
	Frac Summary									
	Stage 1 : 6,002 - 6,229, 27 - 0.340" shots, 12019 bbls of Slickwater Report Date: 11/11/2011									
	Stage 2 : 5,726 - 5,953, 27 - 0.340" shots, 9815 bbls of Slickwater Report Date: 11/12/2011									
	Stage 3 : 5,428 - 5,671, 27 - 0.340" shots, 13299 bbls of Slickwater Report Date: 11/13/2011									
	Stage 4 : 5,122 - 5,381, 27 - 0.340" shots, 8905 bbls of Slickwater Report Date: 11/14/2011									
	Stage 5 : 4,880 - 5,081, 27 - 0.340" shots, 10644 bbls of Slickwater Report Date: 11/16/2011									
Stage 2	Stage 6 : 4,654 - 4,839, 27 - 0.340" shots, 14811 bbls of Slickwater Report Date: 11/16/2011									
	Stage 7 : 4,418 - 4,613, 27 - 0.340" shots, 15382 bbls of Slickwater Report Date: 11/18/2011									
	Comments									
	SIBP 20 psi 12/7/11									