

Downhole Schematic for Daybreak Federal 19-2 (PJ19)



Project :South Piceance

API # :05045198960000

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

Area : Parachute

County : GARFIELD

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

As Of : 12/17/2011

GL : 5423.0 ft

KB to GL : 23.0 ft

KB : 5446.0 ft

Set @ 40	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	1,213	1	LT&C		Float Shoe	
			9.625	36	1,212	42	LT&C	J55	Casing Jt	
			8.875	0	1,169	0			Baffle	
Set @ 1213			9.625	36	1,169	1,142	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	4.5	11.6	7,075	1	Butt	M80	Shoe	
			4.5	11.6	7,074	41	Butt	M80	Jt Casing	
			4.5	11.6	7,033	1	Butt	M80	F/ Collar	
			4.5	11.6	7,031	1,148	Butt	M80	Jt Casing	
			4.5	11.6	5,884	23	Butt	M80	Marker Jt	
			4.5	11.6	5,861	984	Butt	M80	Jt Casing	
			4.5	11.6	4,878	23	Butt	M80	Marker Jt	
			4.5	11.6	4,855	4,829	Butt	M80	Jt Casing	
			4.5	11.6	26	5	Butt	M80	Mandril & pup	
			4.5	11.6	21	26	Butt	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	948	15.8	Class G / + 1.25% S001 + 0.2% D046 + 0.25lb/sk D029					
	Production	Scavenger	0	8.6	CW100 / D122A=.5GAL/BBL, J237A=.25G/BBL					
		Lead	3,610	12.0	G / DO 46=.5%,DO13=.7%, DO79=1%, DO49=75#/SK, DO29=.25#/BBL					
		Tail	4,922	13.0	G / DO20=3%,D112=.2%, DO13=.4%, DO49=75#/SK, DO29=.25#/SK, DO46=.5%					
	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	0.86	21.86	4 1/16" 5 K Wood Group HGR						
	2.628	0.67	22.53	2 3/8" N-80 Saver Sub						
	2.375	6,135.44	6,157.97	187 jts 2 3/8" L-80 4.7# EUE Tbg						
	3.063	0.98	6,158.95	"F" profile nipple						
	2.375	32.82	6,191.77	1 jt 2 3/8" L-80 4.7# EUE Tbg						
	3.063	0.40	6,192.17	2 3/8 Notched Collar						
	Perforations									
	Stage 1	Date	From	To	Shots	Stage 5	Date	From	To	Shots
		11/09/2011	6,842	6,843	3		11/15/2011	5,760	5,761	3
			6,822	6,823	3			5,748	5,749	3
			6,772	6,773	3			5,710	5,711	3
			6,716	6,717	3			5,678	5,679	3
			6,700	6,701	3			5,668	5,669	3
			6,666	6,667	3			5,616	5,617	3
			6,614	6,615	3			5,588	5,589	3
			6,598	6,599	3			5,540	5,541	3
			6,572	6,573	3			5,512	5,513	3
	Stage 2	Date	From	To	Shots	Stage 6	Date	From	To	Shots
		11/11/2011	6,528	6,529	3		11/15/2011	5,474	5,475	3
			6,506	6,507	3			5,456	5,457	3
			6,472	6,473	3			5,438	5,439	3
			6,436	6,437	3			5,428	5,429	3
			6,428	6,429	3			5,388	5,389	3
			6,402	6,403	3			5,350	5,351	3
			6,360	6,361	3			5,324	5,325	3
			6,322	6,323	3			5,306	5,307	3
			6,310	6,311	3			5,290	5,291	3
	Stage 3	Date	From	To	Shots	Stage 7	Date	From	To	Shots
		11/13/2011	6,278	6,279	3		11/17/2011	5,258	5,259	3
			6,260	6,261	3			5,226	5,227	3
			6,248	6,249	3			5,196	5,197	3
			6,206	6,207	3			5,186	5,187	3
			6,184	6,185	3			5,170	5,171	3
			6,140	6,141	3			5,144	5,145	3
			6,120	6,121	3			5,128	5,129	3
			6,102	6,103	3			5,112	5,113	3
			6,078	6,079	3			5,086	5,087	3
	Stage 4	Date	From	To	Shots	Stage 8	Date	From	To	Shots
		11/13/2011	6,036	6,037	3		11/18/2011	5,034	5,035	3
			6,002	6,003	3			5,024	5,025	3
			5,974	5,975	3			5,004	5,005	3
			5,954	5,955	3			4,988	4,989	3
			5,934	5,935	3			4,972	4,973	3
			5,902	5,903	3			4,954	4,955	3
			5,870	5,871	3			4,938	4,939	3
			5,814	5,815	3			4,908	4,909	3
			5,798	5,799	3			4,894	4,895	3
	Frac Summary									
	Stage 1 : 6,572 - 6,843, 27 - 0.340" shots, 11012 bbls of Slickwater Report Date: 11/10/2011									
	Stage 2 : 6,310 - 6,529, 27 - 0.340" shots, 7095 bbls of Slickwater Report Date: 11/11/2011									
	Stage 3 : 6,078 - 6,279, 27 - 0.340" shots, 10953 bbls of Slickwater Report Date: 11/13/2011									
	Stage 4 : 5,798 - 6,037, 27 - 0.340" shots, 7862 bbls of Slickwater Report Date: 11/14/2011									
	Stage 5 : 5,512 - 5,761, 27 - 0.340" shots, 8676 bbls of Slickwater Report Date: 11/15/2011									
	Stage 6 : 5,290 - 5,475, 27 - 0.340" shots, 10775 bbls of Slickwater Report Date: 11/15/2011									
	Stage 7 : 5,086 - 5,259, 27 - 0.340" shots, 12429 bbls of Slickwater Report Date: 11/18/2011									
	Stage 8 : 4,894 - 5,035, 27 - 0.340" shots, 17025 bbls of Slickwater Report Date: 11/20/2011									
	Comments									
	SIBP 100 psi 12/17/11									
	TOC @ 3610									
	PBTB @ 7031									
	TD @ 7095									
	Set @ 7075									
	-7000 ft									