

Downhole Schematic for MELBON RANCH 34-17



Project :DJ Basin

API # :05123345920000

Surface Location :SESW Sec 17 T2N - R65W 6th P

Area :Wattenberg

County :

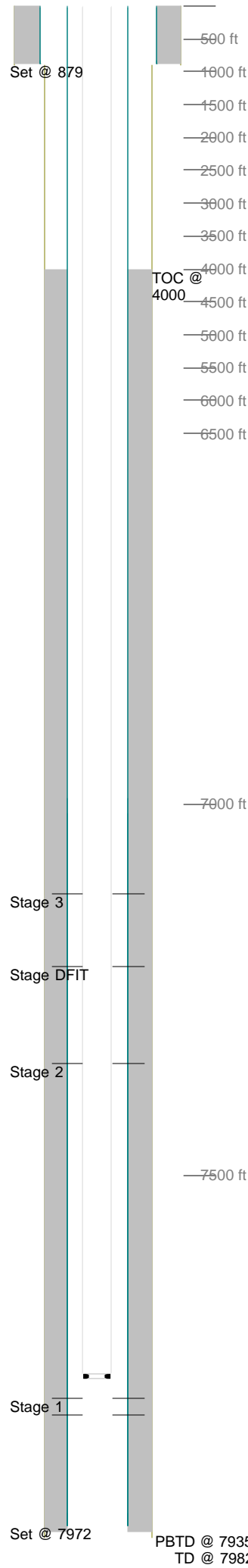
BHL :

As Of : 07/24/2012

GL : 0.0 ft

KB to GL : 12.0 ft

KB : 12.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	0.000 12.250	8.625	0	879	1	ST&C		GS	
		24	878	41	ST&C		SJ/BAFFLE		
		8.625	24	837	825	ST&C	J55	CSG	
		8.625	24	12	12	ST&C		LJ	
Production	7.875	4.5	0	7,972	1	LT&C		Guide Shoe	
		11.6	7,971	14	LT&C	SB-80	Shoe Jt		
		0	7,956	1	LT&C		Float Collar		
		4.5	11.5	7,955	943	LT&C	SB-80	Casing	
		4.5	11.5	7,012	21	LT&C	SB-80	Marker Joint	
		4.5	11.5	6,991	6,979	LT&C	SB-80	Casing	
		4.5	11.5	12	12	LT&C	SB-80	Landing Jt	
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
	Lead	0	0.0	Premium Lite Cement / + 0.25 lbs/sack Cello Flake +0.7% FL-52 + 6% Bentonite + 0.2% CD-32 + 3 lbs/sack CSE-2 + 0.2% ASA-301 @ 12.5 PPG					
		4,100	12.5						
	Tail	6,600	13.5	(50:50) Poz G Cement / + 0.25 lbs/sack Cello Flake + 0.6% FL-52 + 3% Bentonite + 0.1% SMS + 20% S-8 @ 13.5 PPG					
Surface	Lead	0	14.5	TYPE III Cmt Class C / + .08 lbs/sk Static Free + 1.5% Calcium Chloride + .15 lbs/sk Cello Flake + 60.5% Fresh Water.					
Production		0	0.0	Premium Lite Cement / + 0.25 lbs/sack Cello Flake +0.7% FL-52 + 6% Bentonite + 0.2% CD-32 + 3 lbs/sack CSE-2 + 0.2% ASA-301 @ 12.5 PPG					
	Lead	4,000	12.5						
	Tail	6,550	13.5	(50:50) Poz G Cement / + 0.25 lbs/sack Cello Flake + 0.6% FL-52 + 3% Bentonite + 0.1% SMS + 20% S-8 @ 13.5 PPG					
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	12.00	12.00	KB						
0.000	0.50	12.50	Hanger						
1.995	7,755.21	7,767.71	241 jts of new 2-3/8 J-55 EUE 4.7#, 8rd tbg,						
1.791	1.10	7,768.81	Seat nipple						
0.000	10.13	7,778.94	2-3/8 J-55 pup jt						
0.000	0.83	7,779.77	Re-entry guide						
Perforations									
Stage 1	Date	From	To	Shots	Stage 3	Date	From	To	Shots
	05/23/2012	7,823	7,835	24		05/31/2012	7,121	7,133	48
		7,800	7,812	24	Stage DFIT				
Stage 2	Date	From	To	Shots	Stage	Date	From	To	Shots
	05/31/2012	7,349	7,363	42		04/18/2012	7,218	7,219	4
Frac Summary									
Stage 1 : 7,800 - 7,835, 48 - 0.420" shots, 3856 bbls of Hybrid pHaserFrac, 252960 lbs of 20/40 Sand									
Report Date: 05/30/2012									
Stage 2 : 7,349 - 7,363, 42 - 0.420" shots, 2771 bbls of Hybrid pHaserFrac, 250600 lbs of 30/50 Sand									
Report Date: 05/31/2012									
Stage DFIT : No Frac									
Stage 3 : 7,121 - 7,133, 42 - 0.420" shots, 3282 bbls of Hybrid pHaserFrac, 249400 lbs of 30/50 Sand									
Report Date: 06/01/2012									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
7,430.0	05/31/2012	CFP	0						
7,180.0	06/01/2012	CFP	0						
7,070.0	07/21/2012	CBP	0						
CFP at 7,430.0 drilled out 07/24/2012									
CFP at 7,180.0 drilled out 07/24/2012									
CBP at 7,070.0 drilled out 07/24/2012									