

Downhole Schematic for MELBON RANCH 4-6-17



Project :DJ Basin

API # :05123345840000

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

Area : Wattenberg

County :

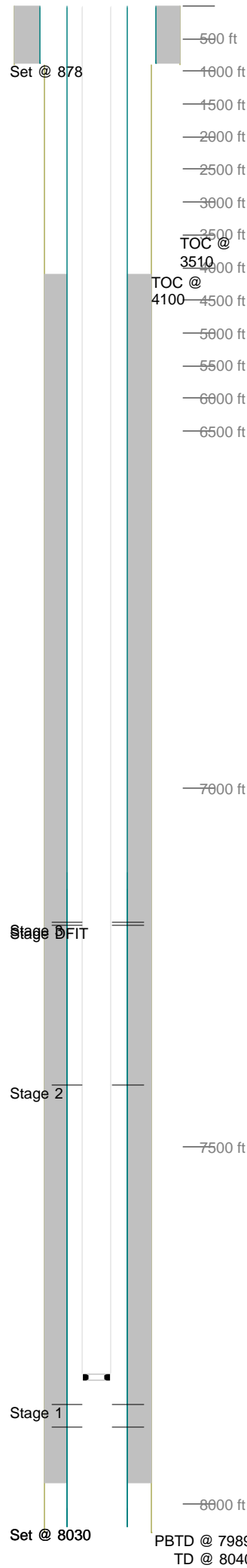
BHL :

As Of : 07/26/2012

GL : 4918.0 ft

KB to GL : 12.0 ft

KB : 4930.0 ft



Casing Details								
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Surface	12.250	8.625	0	878	1	ST&C		GS
		8.625	24	877	41	ST&C	J55	SJ/BAFFLE
		8.625	24	836	824	ST&C	J55	CSG
		8.625	24	12	12	ST&C		LJ
Production	7.875	4.5	0	8,030	1	LT&C		GUIDE SHOE
		4.5	11.6	8,029	0	LT&C		LANDING JT
Production	7.875	4.5	0	8,030	1	LT&C		Guide Shoe
			11.6	8,029	23	LT&C	SB-80	Shoe Jt
			0	8,006	1	LT&C		Float Collar
		4.5	11.5	8,005	865	LT&C	SB-80	Casing
		4.5	11.5	7,140	23	LT&C	SB-80	Marker Joint
		4.5	11.5	7,117	7,105	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				
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	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				
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	7,806.42	7,818.92	238 jts of new 2-3/8 J-55 EUE 4.7#, 8rd tbg,					
1.791	1.10	7,820.02	Seat nipple					
0.000	10.12	7,830.14	2-3/8 J-55 pup jt					
0.000	0.83	7,830.97	Re-entry guide					
Perforations								
Stage 1			Stage 3					
	Date	From	To	Shots		Date	From	To
	05/23/2012	7,891	7,903	24		05/30/2012	7,187	7,199
		7,861	7,873	24				
					Stage	DFIT		Shots
								48
Stage 2	Date	From	To	Shots		Date	From	To
	05/23/2012	7,414	7,428	42		04/18/2012	7,191	7,192
								Shots
								4
Frac Summary								
Stage 1 : 7,861 - 7,903, 48 - 0.420" shots, 3864 bbls of Hybrid pHaserFrac, 250000 lbs of 20/40 Sand								
Report Date: 05/30/2012								
Stage 2 : 7,414 - 7,428, 42 - 0.420" shots, 2817 bbls of Hybrid pHaserFrac, 250140 lbs of 30/50 Sand								
Report Date: 05/31/2012								
Stage 3 : 7,187 - 7,199, 48 - 0.420" shots, 3265 bbls of Hybrid pHaserFrac, 250840 lbs of 30/50 Sand								
Report Date: 06/01/2012								
Stage DFIT : No Frac								
Bridge Plug Details								
Depth	Date Set	Plug Type	Sacks Cement					
7,480.0	05/30/2012	CFP	0					
7,270.0	05/31/2012	CFP	0					
7,120.0	07/25/2012	CBP	0					
CFP at 7,480.0 drilled out 07/26/2012								
CFP at 7,270.0 drilled out 07/26/2012								
CBP at 7,120.0 drilled out 07/26/2012								