

Downhole Schematic for MELBON RANCH 14-17



Project :DJ Basin

Area : Wattenberg

As Of : 07/19/2012

API # :05123345850000

County :

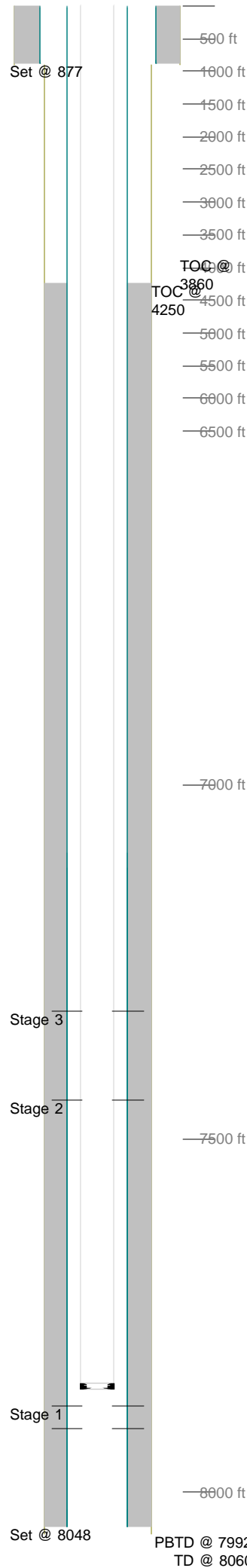
GL : 4940.0 ft

Surface Location : NWSW Sec 17 T2N - R65W 6th F

BHL :

KB to GL : 12.0 ft

KB : 4952.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	12.250		0	877	1	ST&C		GS	
		8.625	24	876	41	ST&C	J55	SJ/BAFFLE	
		8.625	24	835	823	ST&C	J55	CSG	
		8.625	24	12	12	ST&C		LJ	
Production	7.875		0	8,048	1	LT&C		Guide Shoe	
		4.5	11.6	8,047	21	LT&C	SB-80	Shoe Jt	
			0	8,026	1	LT&C		Float Collar	
		4.5	11.5	8,025	906	LT&C	SB-80	Casing	
		4.5	11.5	7,118	21	LT&C	SB-80	Marker Joint	
		4.5	11.5	7,097	7,085	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		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 (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					
	Lead	4,250	12.5						
	Tail	6,700	13.5						
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	12.00	12.00							
2.375	7,848.00	7,848.00	238 J55 EUE						
2.375	1.60	7,848.00	S/N -N/C						
Perforations									
Stage	Date	From	To	Shots	Stage	Date	From	To	Shots
1	05/23/2012	7,909	7,921	24	3	05/31/2012	7,445	7,459	42
		7,878	7,890	24					
2						06/01/2012	7,321	7,333	48
Frac Summary									
Stage 1 : 7,878 - 7,921, 48 - 0.420" shots, 3870 bbls of Hybrid pHaserFrac, 249670 lbs of 20/40 Sand									
Report Date: 05/30/2012									
Stage 2 : 7,445 - 7,459, 42 - 0.420" shots, 2643 bbls of Hybrid pHaserFrac, 246900 lbs of 30/50 Sand									
Report Date: 06/01/2012									
Stage 3 : 7,321 - 7,333, 48 - 0.550" shots, 3224 bbls of Hybrid pHaserFrac, 250120 lbs of 30/50 Sand									
Report Date: 06/01/2012									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
7,522.0	05/31/2012	CFP	0						
7,373.0	06/01/2012	CFP	0						
6,900.0	07/17/2012	CBP	0						
CFP at 7,522.0 drilled out 07/19/2012									
CFP at 7,373.0 drilled out 07/19/2012									
CBP at 6,900.0 drilled out 07/19/2012									