

Downhole Schematic for MELBON RANCH 8-8-17



Project :DJ Basin

Area : Wattenberg

As Of : 07/28/2012

API # :05123345800000

County :

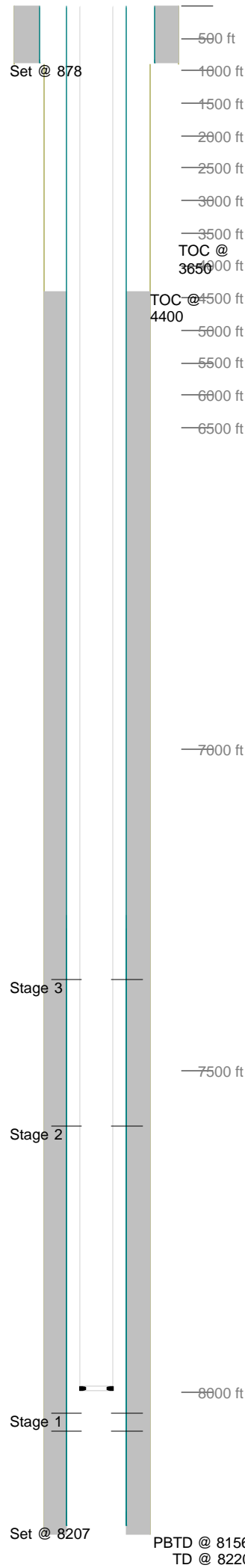
GL : 4901.0 ft

Surface Location : NESE Sec 17 T2N - R65W 6th PI

BHL :

KB to GL : 12.0 ft

KB : 4913.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	12.250	8.625	24	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	8,207	1	LT&C		Guide Shoe	
		4.5	11.6	8,206	20	LT&C	SB-80	Shoe Jt	
		4.5	0	8,185	1	LT&C		Float Collar	
		4.5	11.5	8,184	906	LT&C	SB-80	Casing	
		4.5	11.5	7,278	21	LT&C	SB-80	Marker Joint	
		4.5	11.5	7,257	7,245	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 / .08 lbs/sk static free + 1.5% CaCl + .15 lbs/sk Cello Flake @ 14.5ppg					
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	4,400	12.5						
	Tail	6,800	13.5						
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	12.00	12.00	KB						
2.375	7,977.75	7,989.75	244 JTS 4.7# J55 EUE 8RD						
2.375	2.10	7,991.85	Sn & Partial Pump Out Sub						
Perforations									
Stage	Date	From	To	Shots	Stage	Date	From	To	Shots
1	03/16/2012	8,060	8,072	24	3	05/24/2012	7,585	7,599	42
2		8,031	8,043	24		05/24/2012	7,357	7,369	48
Frac Summary									
Stage 1 : 8,031 - 8,072, 48 - 0.420" shots, 3946 bbls of Hybrid pHaserFrac, 250060 lbs of 20/40 Sand									
Report Date: 03/19/2012									
Stage 2 : 7,585 - 7,599, 42 - 0.420" shots, 2814 bbls of Hybrid pHaserFrac, 250280 lbs of 20/40 Sand									
Report Date: 05/31/2012									
Stage 3 : 7,357 - 7,369, 48 - 0.420" shots, 3337 bbls of Hybrid pHaserFrac, 254380 lbs of 20/40 Sand									
Report Date: 05/31/2012									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
7,650.0	05/24/2012	CFP	0						
7,410.0	05/24/2012	CFP	0						
7,230.0	07/24/2012	CBP	0						
CFP at 7,650.0 drilled out 07/28/2012									
CFP at 7,410.0 drilled out 07/28/2012									
CBP at 7,230.0 drilled out 07/28/2012									