

Downhole Schematic for BURY CRANDELL 31-23



Project :DJ Basin

API # :05014207110000

Surface Location : NENE Sec 23 T1N - R68W 6th PI

Area : Wattenberg

County :

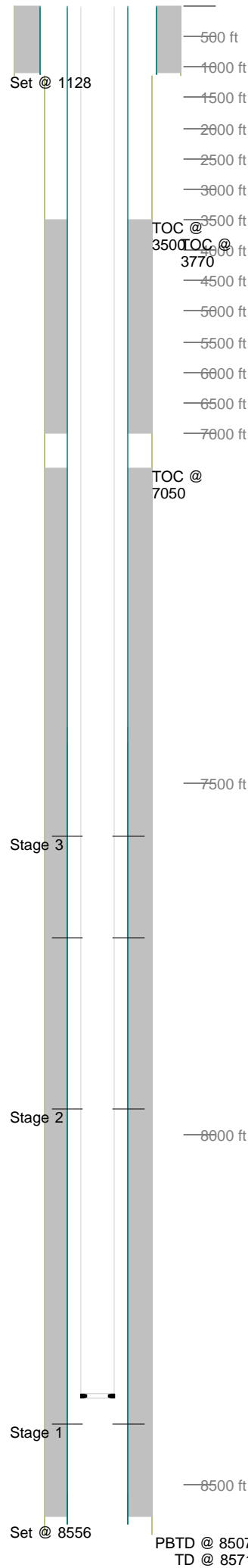
BHL :

As Of : 03/29/2012

GL : 5126.0 ft

KB to GL : 13.0 ft

KB : 5139.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	12.250	8.625	0	1,128	1	ST&C		Shoe	
		8.625	24	1,127	41	ST&C	J-55	8-5/8in Shoe Joint	
			0	1,086	0				Baffle Plate
		8.625	24	1,086	1,072	ST&C	J-55	8-5/8in Casing	
			0	14	1				Wellhead
		8.625	24	13	17			Landing Joint	
Production	7.875	4.5	0	8,556	1	LT&C		Shoe	
		4.5	11.6	8,555	41	LT&C	SB-80	Shoe Joint	
		4.5	0	8,513	1	LT&C		Float Collar	
		4.5	11.6	8,512	1,070	LT&C	SB-80	4.5in Casing	
		4.5	11.6	7,442	22	LT&C	SB-80	4.5in Marker	
		4.5	11.6	7,420	7,405	LT&C	SB-80	4.5in Casing	
		4.5	11.6	14	18	LT&C	SB-80	Landing Joint	
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
Surface	Lead	0	14.5	Type III / 0.08 lb/sx Static Free,1.5% bwoc CaCl, 0.15lb/sx celloflake					
Production	Lead	3,500	12.5	Premium Lite / 0.2% CD-32 + 0.7% FL-52 + 0.2% ASA-301 + 6% Gel + 3#/ sk CSE-2					
	Tail	7,050	13.5	50:50 POZ / 0.6% FL-52 + 3% Gel + 0.1% SM + 20% S-8					
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	12.00	12.00	KB						
0.000	0.50	12.50	Hanger						
2.375	8,356.45	8,368.95	254 jts of new 2-3/8 J-55 EUE 4.7#, 8rd tbgr,						
2.375	1.10	8,370.05	Seat nipple						
0.000	10.12	8,380.17	2-3/8 J-55 pup jt						
0.000	0.92	8,381.09	Re-entry guide						
Perforations									
Stage 1					03/02/2012	7,964	7,984	40	
	Date	From	To	Shots	Stage 3	Date	From	To	
	02/18/2012	8,414	8,439	40				Shots	
Stage 2					03/02/2012	7,720	7,740	80	
	Date	From	To	Shots		7,574	7,582	32	
Frac Summary									
Stage 1 : 8,414 - 8,439, 50 - 0.420" shots, 3934 bbls of Hybrid pHaserFrac, 250850 lbs of 20/40 Sand									
Report Date: 03/02/2012									
Stage 2 : 7,964 - 7,984, 50 - 0.420" shots, 2760 bbls of Hybrid pHaserFrac, 250000 lbs of 30/50 Sand									
Report Date: 03/06/2012									
Stage 3 : 7,574 - 7,740, 50 - 0.420" shots, 3392 bbls of Hybrid pHaserFrac, 264700 lbs of 30/50 Sand									
Report Date: 03/07/2012									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
8,034.0	03/02/2012	CBP	0						
7,790.0	03/06/2012	CBP	0						
7,540.0	03/28/2012	CBP	0						
CBP at 8,034.0 drilled out 03/29/2012									
CBP at 7,790.0 drilled out 03/29/2012									
CBP at 7,540.0 drilled out 03/29/2012									