

Downhole Schematic for ROSS 0-2-19



Project :DJ Basin

API # :05123333180000

Surface Location :SWNW Sec 19 T2N - R68W 6th F

Area : Wattenberg

County :

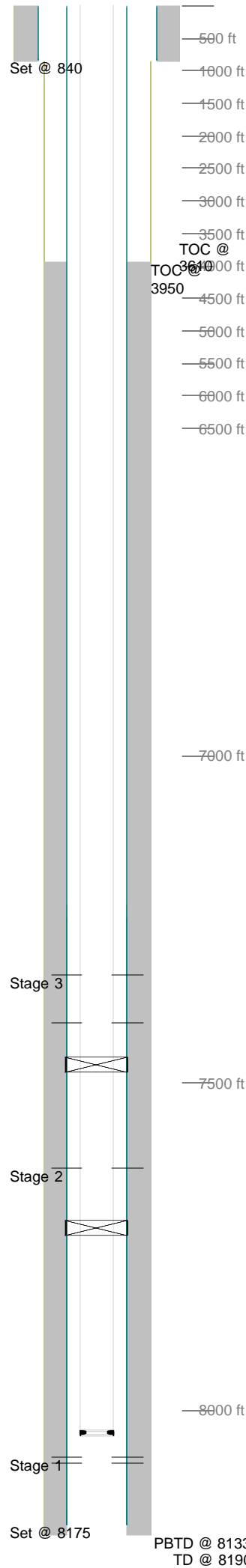
BHL :

As Of : 03/16/2012

GL : 4988.0 ft

KB to GL : 13.0 ft

KB : 5001.0 ft



Casing Details								
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description
Surface	12.250		0	840	1			GS
		8.625	24	839	41	ST&C	J55	SJ / BAFFLE
		8.625	24	798	784	ST&C	J55	CSG
			0	13	13			LJ
Production	7.875		0	8,175	1	LT&C		Guide Shoe
			11.6	8,174	20	LT&C	SB-80	Shoe Jt
		4.5	0	8,154	1	LT&C		Float Collar
		4.5	11.6	8,152	905	LT&C	SB-80	Casing
		4.5	11.6	7,247	20	LT&C	SB-80	Marker Jt
		4.5	11.6	7,227	7,215	LT&C	SB-80	Casing
		4.5	11.6	13	13	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 + 0.15 lbs/sk Cello Flake + 60.5% Fresh Water.				
Production	Lead	3,950	12.5	PREMIUM LITE / 0.7%FL-52+6% BENTONITE + 0.2% CD-32				
	Tail	6,850	13.5	50:50 POZ:G / 0.6% FL-52 + 3% BENTONITE + 0.1%				
Tubing and Downhole Equipment								
O.D.	Length	Depth	Description					
0.000	10.00	10.00	KB					
2.375	8,020.96	8,030.96	jts. 2 3/8 J55 Tbg.					
2.375	1.10	8,032.06	2 3/8 S/N					
0.000	0.95	8,042.01	POBS					
2.375	10.00	8,042.06	10' tbg. sub					
Perforations								
Stage 1	Date	From	To	Shots	Stage 3	02/23/2012	7,630	7,644 42
	02/17/2012	8,080	8,098	36	Date	02/23/2012	7,408	7,415 30
		8,071	8,076	10			7,336	7,337 6
Stage 2	Date	From	To	Shots				
Frac Summary								
Stage 1 : 8,071 - 8,098, 46 - 0.420" shots, 3843 bbls of Hybrid pHaserFrac, 250340 lbs of 20/40 Ottawa								
Report Date: 02/23/2012								
Stage 2 : 7,630 - 7,644, 42 - 0.420" shots, 2801 bbls of Hybrid pHaserFrac, 251780 lbs of 30/50 Ottawa								
Report Date: 02/24/2012								
Stage 3 : 7,336 - 7,415, 36 - 0.420" shots, 3259 bbls of Hybrid pHaserFrac, 246160 lbs of 30/50 Ottawa								
Report Date: 02/24/2012								
Bridge Plug Details								
Depth	Date Set	Plug Type	Sacks Cement					
7,710.0	02/23/2012		0					
7,460.0	02/24/2012		0					