

Downhole Schematic for RASMUSSEN 4-6-19



Project :DJ Basin

Area : Wattenberg

As Of : 03/29/2012

API # :05123322480000

County :

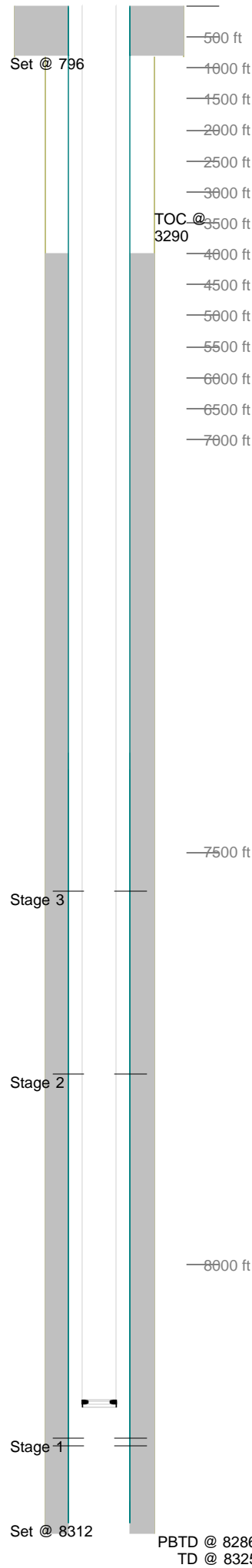
GL : 5001.0 ft

Surface Location :

BHL :

KB to GL : 13.0 ft

KB : 5014.0 ft



Casing Details									
Section	Hole	Casing	Mass	Set At	Length	Thread	Grade	Description	
Surface	12.250		0	796	1		K55	Guide Shoe	
		8.625	24	795	41	ST&C	J55	SJ/BAFFLE	
		8.625	24	754	741	ST&C	J55	CASING	
			0	13	13			LJ	
Production	7.875		0	8,312	1		L-80	Float Shoe	
			11.6	8,311	24		SB-80	Shoe Jt	
		4.5	0	8,287	1		L-80	Float Collar	
		4.5	11.6	8,285	885		SB-80	Casing	
		4.5	11.6	7,400	21		SB-80	Marker Jt	
		4.5	11.6	7,379	7,367		SB-80	Casing	
		4.5	0	13	13		SB-80	Landing Jt	
Cement Details									
Section	Sequence	Top	Density	Blend / Additives					
Surface	Lead	0	14.5	TYPE III Cmt Class C / + 0.08 lbs/sk Static Free + 1.5% Calcium Chloride + 0.15 lbs/sk Cello Flake + 60.5% Fresh Water.					
Production	Lead	4,000	12.5	Premium Lite Cmt / +0.1% R-3 + 0.2% CD-32 +0.7% FL-63 + 0.2% ASA-301 + 6% Bentonite + 3 lbs/sx CSE-2					
	Tail	6,950	13.5	(50:50 Poz,Fly Ash / Class G Cmt + 0.1% R-3 + 0.6% FL-63 + 3% Bentonite + 0.1% SM + 20% Silica Flour					
Tubing and Downhole Equipment									
O.D.	Length	Depth	Description						
0.000	10.00	10.00	KB						
2.375	8,153.43	8,163.43	248 jts. 2 3/8 new J55 tbg.						
2.375	1.10	8,164.53	2 3/8 S/N						
2.375	10.00	8,174.53	2 3/8 J55 tbg. sup						
0.000	0.95	8,175.48	1/2 BOPS						
Perforations									
Stage 1	Date	From	To	Shots	Stage 3	Date	From	To	Shots
	03/08/2012	8,219	8,239	40		03/13/2012	7,768	7,785	51
		8,209	8,214	10					
Stage 2	Date	From	To	Shots	Stage 3	Date	From	To	Shots
						03/13/2012	7,547	7,562	60
Frac Summary									
Stage 1 : 8,209 - 8,239, 50 - 0.420" shots, 3910 bbls of Hybrid pHaserFrac, 253780 lbs of 20/40 Sand									
Report Date: 03/12/2012									
Stage 2 : 7,768 - 7,785, 51 - 0.420" shots, 5119 bbls of FR Water, 149500 lbs of 30/50 Sand Report Date: 03/15/2012									
Stage 3 : 7,547 - 7,562, 60 - 0.420" shots, 5201 bbls of FR Water, 156400 lbs of 30/50 Sand Report Date: 03/15/2012									
Bridge Plug Details									
Depth	Date Set	Plug Type	Sacks Cement						
0.0	12:00:00 AM		0						
0.0	12:00:00 AM		0						