



# P&A Wellbore For State

Well Name: API 20- 614

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512317898			Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 14.00		Original Spud Date 1/19/1994		Abandon Date		Well Sub-Status SI		High...	
		Comment POSS FRAC'D INTO PREBISH 1, NO INDICATION OF WHEN IN FILE.									
		Surface Location (Congressional)									
		Qtr 3 SE	Qtr 4 NW	Section 20	Twنشp 4	Twنشp... N	Range 64	Rng E/... W	Latitude (°) 40.29921961 40001	Longitude (°) -104.577161043	
		Wellbore Sections									
		Section Des			Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)		
		SURFACE			12 1/4		14.0		650.0		
		PRODUCTION			7 7/8		650.0		7,160.0		
		Casing Strings									
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)
		Surface		1/20/1994		8 5/8		23.00		14	641
		Production Casing		1/27/1994		3 1/2		7.70	M-75	14	7124
		Cement									
		Des				Start Date		Top (ftKB)		Btm (ftKB)	
		SURFACE CASING CEMENT						14.0		641.0	
		PRODUCTION CASING CEMENT						4,601.0		4,828.0	
		PRODUCTION CASING CEMENT						6,310.0		7,124.0	
		Zone Statuses									
		Zone Name		Status Date		Status	Fluid Type		Job		Prod Method
		CODELL		1/31/2003		PR			RE-FRAC, 1/24/2003 00:00		Flowing
		CODELL		4/5/2010		PR			RE-FRAC, 2/26/2009 00:00		
		NIOBRARA		3/27/2009		PR					Flowing
		NIOBRARA		4/5/2010		PR					
		Perforation Data									
		Linked Zone			Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date
		NIOBRARA, Original Hole			A	64	6,690.0		6,706.0		2/28/2009
		NIOBRARA, Original Hole			A	2	6,701.0		6,703.0		1/31/1994
		NIOBRARA, Original Hole			B	64	6,766.0		6,782.0		2/28/2009
		NIOBRARA, Original Hole			B	4	6,775.0		6,779.0		1/31/1994
		CODELL, Original Hole				9	6,963.0		6,974.0		1/31/1994
		CODELL, Original Hole				44	6,963.0		6,974.0		1/25/2003
		Stim/Frac Stage									
		Zone				Start Date		Top (ftKB)		Btm (ftKB)	
		NIOBRARA, Original Hole				3/12/2009		6,690.0		6,782.0	
		NIOBRARA-CODELL, Original Hole				2/1/1994		6,701.0		6,779.0	
		CODELL, Original Hole				1/30/2003		6,963.0		6,974.0	
		Other In Hole									
		Run Date		Des			Make		OD (in)	Top (ftKB)	Btm (ftKB)
		Logs									
		Date		Type					Depth Top (MD) (ftKB)		Btm (ftKB)
		1/26/1994		COMPENSATED DENSITY					4,300		7,000.0
		1/26/1994		INDUCTION					644		6,978.0
		1/31/1994		SONIC					4,300		7,047.0
		Wellbore Plug Back Total Depths									
		Date		Type		Com				PBTD (ftKB)	
		1/27/1994								7,095	