



P&A Wellbore For State

Well Name: SANDAU & BARTELS 25-12F

Original Hole [Land]		Well Header										
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512314923				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 11.00		Original Spud Date 3/12/1991		Abandon Date		Well Sub-Status SI		High...		
		Comment										
		Surface Location (Congressional)										
		Qtr 3 NW	Qtr 4 SW	Section 25	Twonshp 4	Twonsh...	Range 66	Rng E/...	Latitude (°) 40.28107296 3	Longitude (°) -104.732440413		
		Wellbore Sections										
		Section Des			Hole Size (in)			Top Depth (ftKB)		Btm Depth (ftKB)		
		Surface			12 1/4			11.0		513.0		
		Production			7 7/8			513.0		7,410.0		
		Casing Strings										
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade		
		Surface		3/12/1991		8 5/8		23.00		M50		
		Production Casing		3/17/1991		4 1/2		11.60		M75		
		Cement										
		Des				Start Date		Top (ftKB)		Btm (ftKB)		
		SURFACE CASING CEMENT				3/12/1991		11.0		513.0		
		PRODUCTION CASING CEMENT				3/17/1991		3,892.0		4,870.0		
		PRODUCTION CASING CEMENT				3/17/1991		6,262.0		7,410.0		
		Zone Statuses										
		Zone Name		Status Date		Status		Fluid Type		Job		
		CODELL		2/25/2008		PR		Water		TRI-FRAC, 1/7/2008 06:00		
		CODELL		2/5/2010		PR		Water		Flowing		
		NIOBRARA		2/5/2010		PR		Water		Flowing		
		NIOBRARA		5/9/2017		SI						
		Perforation Data										
		Linked Zone			Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)	
		NIOBRARA, Original Hole			A		10		6,987.0		7,001.0	
		NIOBRARA, Original Hole			B		10		7,072.0		7,083.0	
		NIOBRARA, Original Hole			C				7,139.0		7,158.0	
		CODELL, Original Hole					64		7,277.0		7,293.0	
		CODELL, Original Hole					44		7,277.0		7,288.0	
		Stim/Frac Stage										
		Zone				Start Date		Top (ftKB)		Btm (ftKB)		
		NIOBRARA, Original Hole				3/28/1991		6,987.0		7,158.0		
		CODELL, Original Hole				2/7/2001		7,277.0		7,293.0		
		CODELL, Original Hole				1/16/2008		7,277.0		7,293.0		
		CODELL, Original Hole				3/22/1991						
		Other In Hole										
		Run Date		Des			Make		OD (in)		Top (ftKB)	
		Logs										
		Date		Type					Depth Top (MD) (ftKB)		Btm (ftKB)	
		3/21/1991		Cement Bond					3,270		7,410.0	
		3/16/2012		GYRO					10		7,200.0	
		Wellbore Plug Back Total Depths										
		Date		Type		Com					PBTD (ftKB)	
		1/22/2008		FILL		C/O WELL LANDED TBG					7,365	