



P&A Wellbore For State

Well Name: SANDAU & BARTELS 25-13F

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512314924		Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land			
		Orig. KB to Gnd (ft) 11.00		Original Spud Date 3/6/1991		Abandon Date		Well Sub-Status PR		High...	
		Comment TD DISCREPANCY: DRL RPTS, ST RPTS & OPEN HOLE LOGS = 7375, RE-FRAC RPT & TRI-FRAC RPT = 7575. CD PERFS @ 7150'-7160', SHOT 100' HIGH OUT OF ZONE. CD REFRAC 1ST ATTEMPT SHUT DOWN, FOUND ROCKS IN SAND. STATE SHOWS SHUT IN SINCE APR 2017.									
		Surface Location (Congressional)									
		Qtr 3 SW	Qtr 4 SW	Section 25	Twnshp 4	Twnsh...	Range 66	Rng E/...	Latitude (°) 40.27778196 8	Longitude (°) -104.732435692	
		Wellbore Sections									
		Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)			
		SURFACE		12 1/4		11.0		510.0			
		PRODUCTION		7 7/8		510.0		7,375.0			
		Casing Strings									
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	
		Surface		3/7/1991		8 5/8		23.00		M-50	
		Production Casing		3/11/1991		4 1/2		11.60		M-75	
		Cement									
		Des		Start Date		Top (ftKB)		Btm (ftKB)			
		SURFACE CASING CEMENT		3/7/1991		11.0		510.0			
		PRODUCTION CASING CEMENT		3/11/1991		4,178.0		5,078.0			
		PRODUCTION CASING CEMENT		3/11/1991		6,183.0		7,373.0			
		Zone Statuses									
		Zone Name		Status Date		Status		Fluid Type		Job	
		CODELL		12/12/2001		PR				RE-FRAC, 11/27/2001 00:00	
		CODELL		2/20/2007		PR				TRI-FRAC, 11/22/2006 00:00	
		NIOBRARA		4/1/1991		PR				DRILLING/COMPLETION - ORIGINAL, 3/6/1991...	
		Perforation Data									
		Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)	
		NIOBRARA, Original Hole				10		6,956.0		6,974.0	
		NIOBRARA, Original Hole				10		7,034.0		7,046.0	
		NIOBRARA, Original Hole				8		7,112.0		7,132.0	
		CODELL, Original Hole				44		7,150.0		7,161.0	
		CODELL, Original Hole				44		7,250.0		7,261.0	
		CODELL, Original Hole				60		7,250.0		7,261.0	
		Stim/Frac Stage									
		Zone		Start Date		Top (ftKB)		Btm (ftKB)			
		NIOBRARA, Original Hole		3/23/1991		6,956.0		7,132.0			
		CODELL, Original Hole		3/15/1991		7,250.0		7,261.0			
		CODELL, Original Hole		12/4/2001		7,250.0		7,261.0			
		CODELL, Original Hole		1/9/2007		7,250.0		7,261.0			
		CODELL, Original Hole		12/6/2001		7,250.0		7,261.0			
		Other In Hole									
		Run Date		Des		Make		OD (in)		Top (ftKB)	
										Btm (ftKB)	
		Logs									
		Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)	
		3/11/1991		COMPENSATED DENSITY				3,720		7,350.0	
		3/11/1991		INDUCTION				450		7,374.0	
		3/13/1991		CBL/CCL/GR				5,500		7,290.0	
		3/16/2012		GYRO				10		7,200.0	
		Wellbore Plug Back Total Depths									
		Date		Type		Com				PBTD (ftKB)	
		1/16/2007		FILL		CLEAN OUT & LAND TBG				7,326	
		4/1/2014		FILL						7,297	