



P&A Wellbore For State

Well Name: WELLS RANCH AA21-16

Original Hole [Land]		Well Header										
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512326808		Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land				
		Orig. KB to Gnd (ft) 13.00		Original Spud Date 7/4/2008		Abandon Date		Well Sub-Status SI				
		Comment										
		Surface Location (Congressional)										
		Qtr 3 SE	Qtr 4 SE	Section 21	Twnshp 6	Twnsh... N	Range 63	Rng E/... W	Latitude (°) 40.46671479	Longitude (°) -104.434830823		
		Wellbore Sections										
		Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)				
		SURFACE		12 1/4		13.0		577.0				
		PRODUCTION		7 7/8		577.0		6,920.0				
		Casing Strings										
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)
		Surface		7/4/2008		8 5/8		24.00		J-55	13	568
		Production Casing		7/6/2008		4 1/2		11.60		M-80	0	6912.3
		Cement										
		Des				Start Date		Top (ftKB)		Btm (ftKB)		
		Surface Casing Cement				7/4/2008		13.0		568.0		
		Production Casing Cement				7/7/2008		1,450.0		6,912.3		
		Zone Statuses										
		Zone Name		Status Date		Status		Fluid Type		Job		Prod Method
		CODELL		11/3/2016		PR						
		CODELL		3/10/2017		SI						
		NIOBRARA		8/22/2008		PR						
		NIOBRARA		3/1/2010		PR		Water		DRILLING/COMPLETION - ORIGINAL, 7/4/2008...		Flowing
		Perforation Data										
		Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)		Date
		NIOBRARA, Original Hole		A		64		6,495.0		6,511.0		8/12/2008
		NIOBRARA, Original Hole		B		64		6,593.0		6,609.0		8/12/2008
		CODELL, Original Hole				40		6,772.0		6,782.0		7/24/2008
		Stim/Frac Stage										
		Zone		Start Date		Top (ftKB)		Btm (ftKB)				
		NIOBRARA, Original Hole		8/12/2008		6,495.0		6,609.0				
		CODELL, Original Hole		8/12/2008		6,772.0		6,782.0				
		Other In Hole										
		Run Date		Des		Make		OD (in)		Top (ftKB)		Btm (ftKB)
		Logs										
		Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)		
		7/6/2008		Caliper/Comp. Density/Neutron/GR/SP/ML				2,540		6,922.0		
		7/6/2008		DIL/GR/SP/Caliper				567		6,922.0		
		7/11/2008		CBL/CCL/GR				1,340		6,850.0		
		4/1/2013		GYRO				13		6,730.0		
		Wellbore Plug Back Total Depths										
		Date		Type		Com				PBTD (ftKB)		
		3/22/2014		FILL		TAG W/ 222 JTS 2 3/8" TBG.				6,868		
		5/20/2014		FILL		10' OUT ON JNT #222				6,862		