



# P&A Wellbore For State

Well Name: ALTER C09-23

Original Hole [Land]		Well Header										
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512327323				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 10.00		Original Spud Date 11/21/2006		Abandon Date 2/5/2024		Well Sub-Status PA		High... N		
		Comment										
		Surface Location (Congressional)										
		Qtr 3 C		Qtr 4 SE		Section 9	Twnshp 4	Twnsh... N	Range 64	Rng E/... W	Latitude (°) 40.32348586 9	
Wellbore Sections												
Section Des				Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)				
SURFACE				12 1/4		10.0		552.0				
PRODUCTION				7 7/8		552.0		7,015.0				
Casing Strings												
Csg Des		Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)		Set Depth (MD) (ftKB)			
Surface		11/22/2006		8 5/8	24.00	J-55	10		541			
Production Casing		11/25/2006		4 1/2	11.60	M-80	10		7007			
Cement												
Des				Start Date		Top (ftKB)		Btm (ftKB)				
SURFACE CASING CEMENT				11/22/2006		10.0		541.0				
PRODUCTION CASING CEMENT				11/25/2006		2,494.0		7,007.0				
Cement Plug				11/21/2023		32.0		741.0				
Cement Plug				11/21/2023		1,800.0		2,300.0				
Balanced Plug (Tubing and Annulus)				11/21/2023		1,800.0		2,200.0				
Balanced Plug (Tubing and Annulus)				11/21/2023		2,202.0		2,300.0				
Zone Statuses												
Zone Name		Status Date		Status	Fluid Type	Job			Prod Method			
NIOBRARA		8/14/2009		PR		Abandon Well - Permanent, 11/16/2023 14:00			Flowing			
NIOBRARA		11/17/2023		Closed		RE-FRAC, 9/12/2011 08:00						
CODELL		10/19/2011		PR	Gas	Abandon Well - Permanent, 11/16/2023 14:00						
CODELL		11/17/2023		Closed	Gas							
Perforation Data												
Linked Zone		Explosive Type	Entered Shot Total		Top (ftKB)		Btm (ftKB)		Date			
NIOBRARA, Original Hole		A	84		741.0		741.0		8/21/2023			
					1,800.0		1,800.0		8/21/2023			
					2,300.0		2,300.0		8/21/2023			
		NIOBRARA, Original Hole		B	90		6,576.0		6,590.0		1/31/2007	
NIOBRARA, Original Hole					6,649.0		6,664.0		1/31/2007			
CODELL, Original Hole			56		6,838.0		6,852.0		12/7/2006			
Stim/Frac Stage												
Zone		Start Date		Top (ftKB)		Btm (ftKB)						
NIOBRARA, Original Hole		1/31/2007		6,576.0		6,664.0						
CODELL, Original Hole		9/30/2011		6,838.0		6,852.0						
CODELL, Original Hole		1/31/2007		6,838.0		6,852.0						
Other In Hole												
Run Date		Des		Make		OD (in)		Top (ftKB)		Btm (ftKB)		
8/21/2023		Cement Retainer				3.99		2,200.0		2,202.0		
11/17/2023		Cast Iron Bridge Plug w/ 2 SX Cement				3.99		6,500.0		6,526.0		
Logs												
Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)				
11/25/2006		COMPENSATED DENSITY				2,600		7,015.0				
11/25/2006		INDUCTION				541		7,015.0				
12/6/2006		CBL/CCL/GR				2,352		6,974.0				
Wellbore Plug Back Total Depths												
Date		Type		Com				PBTD (ftKB)				
10/1/2007		PLUG REMNANTS		C/O CIFT & PUSH TO BOTTOM - 61' RATHOLE				6,913				
10/13/2011		PLUG REMNANTS		PLUG REMNANTS				6,914				