



# P&A Wellbore For State

Well Name: KLEIN 21-12

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512317862				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land	
		Orig. KB to Gnd (ft) 12.00		Original Spud Date 1/1/1994		Abandon Date		Well Sub-Status PA		High... N	
Comment WELLHEAD IS 3000#											
Surface Location (Congressional)											
Qtr 3 NW		Qtr 4 SW		Section 21	Twnshp 4	Twnsh... N	Range 64	Rng E/... W	Latitude (°) 40.29615138 3	Longitude (°) -104.562860904	
Wellbore Sections											
Section Des			Hole Size (in)			Top Depth (ftKB)		Btm Depth (ftKB)			
SURFACE			12 1/4			12.0		533.0			
PRODUCTION			7 7/8			533.0		7,090.0			
Casing Strings											
Csg Des			Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)		
Surface			1/2/1994		8 5/8	23.00	M-50	12	515		
Production Casing			1/7/1994		3 1/2	7.70	B-70	12	7078.8		
Cement											
Des					Start Date		Top (ftKB)		Btm (ftKB)		
Surface Casing Cement					1/2/1994		12.0		515.0		
Production Casing Cement					1/8/1994		3,918.0		4,842.0		
Production Casing Cement					1/8/1994		6,157.0		7,078.8		
Courtesy Plug					4/12/2024		1,864.0		2,364.0		
Balanced Plug (Tubing and Annulus)					4/16/2024		1,592.0		1,708.0		
Surface Plug					4/18/2024		3.0		453.0		
Surface Plug					4/18/2024		453.0		920.0		
Zone Statuses											
Zone Name		Status Date	Status	Fluid Type	Job			Prod Method			
NIOBRARA		4/27/2017	PR								
NIOBRARA		4/18/2024	Closed								
CODELL		4/12/2024	Closed	Water							
CODELL		4/18/2024	Closed	Water							
Perforation Data											
Linked Zone			Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date		
NIOBRARA, Original Hole			A	6	1,864.0		1,864.0		4/12/2024		
				6	2,364.0		2,365.0		4/12/2024		
				84	6,642.0		6,656.0		1/20/2006		
NIOBRARA, Original Hole			B	2	6,651.0		6,653.0		1/10/1994		
NIOBRARA, Original Hole				108	6,716.0		6,734.0		1/20/2006		
NIOBRARA, Original Hole				4	6,726.0		6,730.0		1/10/1994		
CODELL, Original Hole				56	6,917.0		6,930.0		11/12/2002		
CODELL, Original Hole				9	6,919.0		6,928.0		1/10/1994		
Stim/Frac Stage											
Zone				Start Date		Top (ftKB)		Btm (ftKB)			
NIOBRARA, Original Hole				2/24/2006		6,642.0		6,734.0			
NIOBRARA-CODELL, Original Hole				1/11/1994		6,651.0		6,928.0			
CODELL, Original Hole				11/21/2002		6,917.0		6,930.0			
Other In Hole											
Run Date		Des			Make		OD (in)	Top (ftKB)	Btm (ftKB)		
4/11/2024		Cast Iron Bridge Plug w/ 2 SX Cement					3 1/2	4,004.0	4,006.0		
4/11/2024		Cast Iron Bridge Plug w/ 2 SX Cement					3 1/2	6,548.0	6,549.0		
4/12/2024		Cement Retainer					3 1/2	2,264.0	2,266.0		
Logs											
Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)			
1/7/1994		COMPENSATED DENSITY				4,220		7,085.0			
1/7/1994		INDUCTION				515		7,085.0			
1/10/1994		CEMENT BOND				3,748		7,032.0			
Wellbore Plug Back Total Depths											
Date		Type		Com				PBTD (ftKB)			
12/11/2002		FILL		TAGGED FILL				6,990			
3/18/2006		FILL		CLEAN OUT				7,010			