



P&A Wellbore For State

Well Name: FRED ARENS 06

Land, Original Hole, 9/30/2022 9:51:49 AM		Well Header																							
MD (ftKB)	Vertical schematic (actual)	Surface UWI 0512314812		Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land																	
		Orig. KB to Gnd (ft) 13.00		Original Spud Date 11/12/1990		Abandon Date		Well Sub-Status SI		High Pre N															
		Comment frac baffle @ 7044, drid out 11/90																							
		Surface Location (Congressional)																							
		Quarter 3 NE		Quarter 4 SW		Section 12		Township N		Range 65		Rng EW W		Latitude (°) 40.32551331		Longitude (°) -104.613831774									
		Wellbore Sections																							
		Section Des				Hole Size (in)				Act Top (ftKB)				Act Btm (ftKB)											
		SURFACE				12 1/4				13.0				520.0											
		PRODUCTION				7 7/8				520.0				7,207.0											
		Casing Strings																							
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade		Top Depth (MD) (ftKB)		Set Depth (MD) (ftKB)											
		Surface		11/12/1990		8 5/8		24.00		J-55		13		506											
		Production Casing		11/16/1990		4 1/2		11.60		M-75		13		7207											
		Cement																							
		Des				Start Date				Top (ftKB)				Btm (ftKB)											
		SURFACE CASING CEMENT				11/12/1990				13.0				506.0											
		PRODUCTION CASING CEMENT				11/16/1990				6,016.0				7,207.0											
		Zone Statuses																							
		Zone Name		Status Date		Status		Fluid Type		Job				Prod Method											
		NIOBRARA		12/10/1990		PR		Gas		DRILLING/COMPLETION - ORIGINAL, 11/12/1990 00:00				Flowing Flowing											
		NIOBRARA		3/2/2010		PR																			
		CODELL		3/2/2010		PR																			
		CODELL		2/10/2012		PR		Gas		RE-FRAC, 1/16/2012 06:00															
		Perforation Data																							
		Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)		Date													
		NIOBRARA, Original Hole		A		10		6,776.0		6,791.0		12/3/1990													
		NIOBRARA, Original Hole		B		10		6,876.0		6,895.0		12/3/1990													
		NIOBRARA, Original Hole		C		8		6,941.0		6,960.0		12/3/1990													
		CODELL, Original Hole				41		7,075.0		7,085.0		11/24/1990													
		CODELL, Original Hole				64		7,075.0		7,091.0		1/18/2012													
		Stimulation Intervals																							
		Zone				Start Date				Top (ftKB)				Btm (ftKB)											
		NIOBRARA, Original Hole				12/5/1990				6,776.0				6,960.0											
		CODELL, Original Hole				11/26/1990				7,075.0				7,085.0											
		CODELL, Original Hole				1/24/2012				7,075.0				7,091.0											
		Other In Hole																							
		Run Date				Des				Make				OD (in)				Top (ftKB)				Btm (ftKB)			
		Logs																							
		Date				Type				Depth Top (MD) (ftKB)				Btm (ftKB)											
		11/16/1990				COMPENSATED DENSITY				3,700				7,203.0											
		11/16/1990				FORMATION TESTER				6,776				7,081.0											
		11/16/1990				INDUCTION				504				7,204.0											
		11/21/1990				CEMENT BOND				5,800				7,052.0											
		11/24/1990				CEMENT BOND				6,500				7,152.0											
		Plug Back Total Depths																							
		Date				Type				Com				PBTD (ftKB)											
		1/18/2012				FILL				FILL				7,154											
		2/7/2012				FILL				C/O TO HERE HARD FILL.				7,154											