



P&A Wellbore For State

Well Name: HOWARD USX A09-23

Land, Original Hole, 11/6/2023 8:37:41 AM		Well Header									
<div>Vertical schematic (actual)</div>		Surface UWI 0512333526			Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 14.00		Original Spud Date 7/7/2011		Abandon Date		Well Sub-Status PR		High...	
		Comment NO OPEN HOLE LOGS RUN ON THIS WELL									
		Surface Location (Congressional)									
		Qtr 3 SE	Qtr 4 SE	Section 9	Twonshp 6	Twonsh...	Range 64	Rng E/...	Latitude (°) 40.49695557	Longitude (°) -104.54982199	
		Wellbore Sections									
		Section Des			Hole Size (in)		Act Top (ftKB)		Act Btm (ftKB)		
		SURFACE			12 1/4		14.0		740.0		
		PRODUCTION			7 7/8		740.0		7,245.0		
		Casing Strings									
		Csg Des		Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
		Surface		7/8/2011		8 5/8	24.00	J-55	14	732	
		Production Casing		7/11/2011		4 1/2	11.60	M-80	14	7237	
		Cement									
		Des					Start Date		Top (ftKB)		Btm (ftKB)
		Surface Casing Cement					7/8/2011		14.0		732.0
		Production Casing Cement					7/11/2011		1,318.0		7,237.0
		Zone Statuses									
		Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
		NIOBRARA	8/30/2011	PR		DRILLING/COMPLETION - ORIGINAL, 7/7/2011...					
		CODELL	8/30/2011	PR		DRILLING/COMPLETION - ORIGINAL, 7/7/2011...					
		Perforation Data									
		Linked Zone		Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date	
		NIOBRARA, Original Hole		B	24	6,890.0		6,902.0		8/26/2011	
		NIOBRARA, Original Hole		C	24	6,970.0		6,982.0		8/26/2011	
		CODELL, Original Hole			48	7,067.0		7,079.0		8/15/2011	
		Stimulation Intervals									
		Zone			Start Date		Top (ftKB)		Btm (ftKB)		
		NIOBRARA, Original Hole			8/26/2011		6,890.0		6,982.0		
		CODELL, Original Hole			8/26/2011		7,067.0		7,079.0		
		Other In Hole									
		Run Date		Des		Make		OD (in)	Top (ftKB)	Btm (ftKB)	
		Logs									
		Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)	
		8/2/2011		CBL/CCL/GR				1,110		7,172.0	
		Plug Back Total Depths									
		Date		Type		Com				PBTD (ftKB)	
		8/2/2011		FILL		DEPTH LOGGER				7,173	
		9/29/2011		PLUG REMNANTS		DRILLED UP CFTP HAD RUBBER IN RETURNS				7,135	