



# P&A Wellbore For State

Well Name: KARLBERG STATE 36-41

Original Hole [Land]		Well Header											
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512326395			Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land				
		Orig. KB to Gnd (ft) 16.00		Original Spud Date 1/12/2008		Abandon Date		Well Sub-Status PR		High...			
		Comment											
		Surface Location (Congressional)											
		Qtr 3 NE	Qtr 4 SE	Section 36	Twnshp 7	Twnsh...	Range 65	Rng E/...	Latitude (°) 40.52817	Longitude (°) -104.60432			
		Wellbore Sections											
		Section Des		Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)					
		SURFACE		12 1/4		16.0		655.0					
		PRODUCTION		7 7/8		655.0		7,304.0					
		Casing Strings											
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
		Surface		1/13/2008		8 5/8		24.00			16	647	
		Production Casing		1/16/2008		4 1/2		11.60		M-80	16	7299.1	
		Cement											
		Des				Start Date		Top (ftKB)		Btm (ftKB)			
		Surface Casing Cement				1/13/2008		16.0		647.0			
		Production Casing Cement				1/17/2008		16.0		7,299.1			
		Zone Statuses											
		Zone Name		Status Date		Status		Fluid Type		Job		Prod Method	
		CODELL		2/25/2008		PR		Oil				Flowing	
		CODELL		12/25/2010		PR		Water				Flowing	
		Perforation Data											
		Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)		Date	
		CODELL, Original Hole				56		7,136.0		7,150.0		1/27/2008	
		Stim/Frac Stage											
		Zone				Start Date		Top (ftKB)		Btm (ftKB)			
		CODELL, Original Hole				2/11/2008		7,136.0		7,150.0			
		Other In Hole											
		Run Date		Des				Make		OD (in)		Top (ftKB)	Btm (ftKB)
		Logs											
		Date		Type						Depth Top (MD) (ftKB)		Btm (ftKB)	
		1/16/2006		COMPENSATED DENSITY						3,690		7,298.0	
		1/16/2008		INDUCTION						642		7,318.0	
		1/24/2008		CBL/CCL/GR						50		7,246.0	
		12/17/2018		GYRO						16		7,000.0	
		Wellbore Plug Back Total Depths											
		Date		Type		Com						PBTD (ftKB)	
		1/24/2008		FILL		DEPTH LOGGER ON CBL						7,248	
		3/18/2008		FILL		TAG FILL						7,233	

16.1

645.3

647.0

654.9

847.1

2,504.9

2,605.0

3,684.1

3,710.0

6,758.9

6,785.1

7,080.0

7,086.0

7,109.6

7,110.6

7,110.9

7,136.2

7,149.9

7,232.9

7,248.0

7,282.2

7,297.6

7,299.2

7,304.1

Surface Casing Cement, Casing, 1/13/2008 00:00; 16-647; 2008-01-13

Production Casing Cement, Casing, 1/17/2008 00:00; 16-7299.1; 2008-01-17; SPORADIC BOND 4968'-5218' & 5995'-6158'

7,136.0-7,150.0ftKB on 1/27/2008 00:00 (Perforated); 7136-7150; 2008-01-27

Production Casing Cement, Casing, 1/17/2008 00:00 (plug); 7248-7299.1; 2008-01-17; SPORADIC BOND 4968'-5218' & 5995'-6158'