



# P&A Wellbore For State

Well Name: KARLBERG STATE 36-45

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512326394				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land	
		Orig. KB to Gnd (ft) 16.00		Original Spud Date 1/5/2008		Abandon Date		Well Sub-Status PR		High...	
		16.00		1/5/2008						N	
		Comment									
Surface Location (Congressional)											
Qtr 3 SE	Qtr 4 SE	Section 36	Twtnshp 7	Twtnsh... N	Range 65	Rng E/... W	Latitude (°) 40.52581		Longitude (°) -104.60607		
Wellbore Sections											
Section Des				Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)			
SURFACE				12 1/4		16.0		620.0			
PRODUCTION				7 7/8		620.0		7,291.0			
Casing Strings											
Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade		Top Depth (MD) (ftKB)	
Surface		1/6/2008		8 5/8		24.00		M-80		16	
Production Casing		1/12/2008		4 1/2		11.60				16	
Cement											
Des				Start Date		Top (ftKB)		Btm (ftKB)			
SURFACE CASING CEMENT				1/6/2008		16.0		602.0			
PRODUCTION CASING CEMENT				1/12/2008		420.0		7,278.3			
Zone Statuses											
Zone Name		Status Date		Status		Fluid Type		Job		Prod Method	
NIOBRARA		2/20/2008		PR				DRILLING/COMPLETION - ORIGINAL, 1/5/2008...			
CODELL		2/20/2008		PR				DRILLING/COMPLETION - ORIGINAL, 1/5/2008...			
Perforation Data											
Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)		Date	
NIOBRARA, Original Hole		B		64		6,966.0		6,982.0		1/30/2008	
CODELL, Original Hole				56		7,144.0		7,158.0		1/27/2008	
Stim/Frac Stage											
Zone		Start Date		Top (ftKB)		Btm (ftKB)					
NIOBRARA, Original Hole		1/30/2008		6,966.0		6,982.0					
CODELL, Original Hole		1/30/2008		7,144.0		7,158.0					
Other In Hole											
Run Date		Des		Make		OD (in)		Top (ftKB)		Btm (ftKB)	
Logs											
Date		Type					Depth Top (MD) (ftKB)		Btm (ftKB)		
1/11/2008		COMPENSATED DENSITY					3,700		7,270.0		
1/11/2008		INDUCTION					602		7,290.0		
1/24/2008		CBL/CCL/GR					300		7,242.0		
12/3/2018		GYRO					16		7,050.0		
Wellbore Plug Back Total Depths											
Date		Type		Com					PBTD (ftKB)		
1/24/2008		FILL		DEPTH LOGGER ON CBL					7,244		
3/14/2008		PLUG REMNANTS		CLEAN OUT AND DRILL OUT CIBP TO 7260					7,260		

16.1

419.9

600.4

602.0

620.1

801.8

2,497.0

2,597.1

6,890.1

6,916.0

6,965.9

6,982.0

7,111.5

7,112.5

7,112.9

7,144.0

7,158.1

7,259.8

7,261.2

7,261.8

7,262.1

7,276.9

7,278.2

7,291.0

Surface Casing Cement, Casing, 1/6/2008 00:00; 16-602; 2008-01-06

Production Casing Cement, Casing, 1/12/2008 00:00; 420-7278.3; 2008-01-12; SPORADIC CEMENT FROM 6300 TO 4650

6,966.0-6,982.0ftKB on 1/30/2008 00:00 (Perforated); 6966-6982; 2008-01-30

7,144.0-7,158.0ftKB on 1/27/2008 00:00 (Perforated); 7144-7158; 2008-01-27

Production Casing Cement, Casing, 1/12/2008 00:00 (plug); 7262-7278.3; 2008-01-12; SPORADIC CEMENT FROM 6300 TO 4650