



P&A Wellbore For State

Well Name: PETERSON 21-21

Original Hole [Land]		Well Header									
MD (ftK B)	Vertical schematic (actual)	Surface UWI 0512322731				Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land	
		Orig. KB to Gnd (ft) 10.00		Original Spud Date 3/4/2005		Abandon Date		Well Sub-Status PR		High...	
										N	
		Comment									
Surface Location (Congressional)											
		Qtr 3 NE	Qtr 4 NW	Section 21	Twnshp 6	Twnsh...	Range 65	Rng E/...	Latitude (°) 40.47644	Longitude (°) -104.67053	
Wellbore Sections											
		Section Des			Hole Size (in)		Top Depth (ftKB)		Btm Depth (ftKB)		
		SURFACE			12 1/4		10.0		465.0		
		PRODUCTION			7 7/8		465.0		7,287.0		
Casing Strings											
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	
		Surface		3/4/2005		8 5/8		24.00		10	
		Production Casing		3/10/2005		4 1/2		11.60		10	
Cement											
		Des				Start Date		Top (ftKB)		Btm (ftKB)	
		SURFACE CASING CEMENT				3/5/2005		10.0		455.0	
		PRODUCTION CASING CEMENT				3/10/2005		3,292.0		7,257.0	
Zone Statuses											
		Zone Name		Status Date		Status		Fluid Type		Job	
		NIOBRARA		4/26/2005		PR		Water		DRILLING/COMPLETION - ORIGINAL, 3/4/2005...	
		NIOBRARA		2/2/2012		PR		Water		Flowing	
		NIOBRARA-CO...		2/2/2012		PR		Water		Flowing	
		NIOBRARA-CO...		7/13/2017		PR		Water		Flowing	
		CODELL		4/26/2005		PR		Water		Flowing	
		CODELL		2/2/2012		PR		Water		Flowing	
Perforation Data											
		Linked Zone		Explosive Type		Entered Shot Total		Top (ftKB)		Btm (ftKB)	
		NIOBRARA, Original Hole		A		80		6,796.0		6,816.0	
		NIOBRARA, Original Hole		B		80		6,923.0		6,943.0	
		CODELL, Original Hole				60		7,102.0		7,117.0	
Stim/Frac Stage											
		Zone				Start Date		Top (ftKB)		Btm (ftKB)	
		NIOBRARA-CODELL, Original Hole				3/24/2005		6,796.0		7,117.0	
Other In Hole											
		Run Date		Des		Make		OD (in)		Top (ftKB)	
										Btm (ftKB)	
Logs											
		Date		Type				Depth Top (MD) (ftKB)		Btm (ftKB)	
		3/9/2005		COMPENSATED DENSITY				3,600		7,281.0	
		3/9/2005		INDUCTION				468		7,281.0	
		3/21/2005		CBL/CCL/GR				3,150		7,208.0	
		10/26/2018		GYRO				10		7,000.0	
Wellbore Plug Back Total Depths											
		Date		Type		Com				PBTD (ftKB)	
		3/21/2005		FILL		DEPTH LOGGER				7,210	
		1/19/2006		FILL		C/O TO HARD BOTTOM				7,226	

7.9

9.8

453.4

455.1

464.9

653.9

654.9

1,950.1

1,951.1

2,349.1

2,350.1

2,449.1

2,450.1

3,292.0

3,575.1

3,601.0

6,720.1

6,743.8

6,746.1

6,758.5

6,795.9

6,815.9

6,922.9

6,942.9

7,067.9

7,068.9

7,069.6

7,084.6

7,099.7

7,102.0

7,117.1

7,226.0

7,242.1

7,242.5

7,256.6

7,256.9

7,287.1

Surface Casing Cement, Casing, 3/5/2005 00:00; 10-455; 2005-03-05

Production Casing Cement, Casing, 3/10/2005 00:00; 3292-7257; 2005-03-10; CBL NOT RAN 4700'-6140' COULD NOT READ BOND.

SPORADIC BOND 4181'-4700'.

6,796.0-6,816.0ftKB on 3/21/2005 00:00 (Perforated); 6796-6816; 2005-03-21

6,923.0-6,943.0ftKB on 3/21/2005 00:00 (Perforated); 6923-6943; 2005-03-21

7,102.0-7,117.0ftKB on 3/21/2005 00:00 (Perforated); 7102-7117; 2005-03-21

Production Casing Cement, Casing, 3/10/2005 00:00 (plug); 7242-7257; 2005-03-10; CBL NOT RAN 4700'-6140' COULD NOT READ BOND.

SPORADIC BOND 4181'-4700'.