



P&A Wellbore For State

Well Name: TODD 09-12

Original Hole [Land]		Well Header									
MD (ftKB)	Vertical schematic (actual)	Surface UWI 0512316333			Business Unit Rockies		Gov Auth Dist		Prod Tree Loc Land		
		Orig. KB to Gnd (ft) 10.00		Original Spud Date 11/13/1992		Abandon Date		Well Sub-Status SI		High...	
		Comment									
		Surface Location (Congressional)									
		Qtr 3 NW	Qtr 4 NE	Section 9	Twnshp 4	Twnsh...	Range 65	Rng E/...	Latitude (°) 40.33237	Longitude (°) -104.66515	
		Wellbore Sections									
		Section Des			Hole Size (in)			Top Depth (ftKB)		Btm Depth (ftKB)	
		SURFACE			12 1/4			10.0		392.0	
		PRODUCTION			7 7/8			392.0		7,243.0	
		Casing Strings									
		Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	
		Surface		11/13/1992		8 5/8		24.00			
		Production Casing		11/18/1992		3 1/2		9.30		N-80	
		Cement									
		Des					Start Date		Top (ftKB)		Btm (ftKB)
		SURFACE CASING CEMENT					11/13/1992		10.0		392.0
		PRODUCTION CASING CEMENT					11/18/1992		3,200.0		4,536.0
		PRODUCTION CASING CEMENT					11/18/1992		6,210.0		7,243.0
		Zone Statuses									
		Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
		CODELL	12/16/1992	PR	Gas	DRILLING/COMPLETION - ORIGINAL, 11/13/199...				Flowing Flowing	
		CODELL	5/18/2010	PR	Water						
		NIOBRARA	5/18/2010	PR	Water						
		NIOBRARA	10/27/2016	SI							
		Perforation Data									
		Linked Zone			Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date
		NIOBRARA, Original Hole			A		6,790.0		6,796.0		11/20/2003
		NIOBRARA, Original Hole			B		6,896.0		6,910.0		11/20/2003
		NIOBRARA, Original Hole			C		6,963.0		6,967.0		11/20/2003
		CODELL, Original Hole				40	7,084.0		7,094.0		1/12/1999
		CODELL, Original Hole				40	7,087.0		7,097.0		12/9/1992
		Stim/Frac Stage									
		Zone				Start Date		Top (ftKB)		Btm (ftKB)	
		NIOBRARA, Original Hole				11/25/2003		6,790.0		6,967.0	
		CODELL, Original Hole				1/13/1999		7,084.0		7,094.0	
		CODELL, Original Hole				12/11/1992		7,087.0		7,097.0	
		Other In Hole									
		Run Date		Des			Make		OD (in)		Top (ftKB)
											Btm (ftKB)
		Logs									
		Date		Type					Depth Top (MD) (ftKB)		Btm (ftKB)
		11/17/1992		COMPENSATED DENSITY					4,150		7,205.0
		11/17/1992		INDUCTION					352		7,233.0
		11/17/1992		SONIC					4,150		7,215.0
		12/1/1992		CEMENT BOND					3,000		7,128.0
		Wellbore Plug Back Total Depths									
		Date		Type		Com					PBTD (ftKB)
		11/18/1992		GUIDE SHOE							7,204
		3/19/2012		FILL		RIH W/235 JTS TBG 10' IN NO RBP FOUND.					7,187

9.8

20.0

392.1

591.9

1,788.0

2,188.0

2,190.9

2,289.0

3,200.1

3,984.9

4,034.1

4,536.1

6,210.0

6,692.9

6,742.1

6,790.0

6,795.9

6,896.0

6,910.1

6,962.9

6,966.9

7,063.6

7,064.3

7,064.6

7,084.0

7,086.9

7,094.2

7,097.1

7,187.0

7,233.6

7,234.9

7,243.1

Surface Casing Cement,
Casing, 11/13/1992 00:00;
10-392; 1992-11-13

Production Casing Cement,
Casing, 11/18/1992 00:00;
3200-4536; 1992-11-18

Production Casing Cement,
Casing, 11/18/1992 00:00;
6210-7243; 1992-11-18
6,790.0-6,796.0ftKB on
11/20/2003 00:00
(Perforated); 6790-6796;
2003-11-20
6,896.0-6,910.0ftKB on
11/20/2003 00:00; 6896-
6910; 2003-11-20
6,963.0-6,967.0ftKB on
11/20/2003 00:00; 6963-
6967; 2003-11-20
7,084.0-7,094.0ftKB on
1/12/1999 00:00
(Perforated); 7084-7094;
1999-01-12
7,087.0-7,097.0ftKB on
12/9/1992 00:00
(Perforated); 7087-7097;
1992-12-09