



P&A Wellbore For State

Well Name: WATKINS 14-10

Land, Original Hole, 7/28/2023 10:20:36 AM		Vertical schematic (actual)									
MD (ftKB)											
-160.5											
12.1											
239.8											
467.5		SURFACE CASING CEMENT; 12-469; 12/15/1993									
468.3											
469.2											
478.0											
486.9											
577.9											
669.0											
1,220.5											
1,772.0											
1,971.9											
2,171.9											
2,172.9											
2,173.9											
2,222.9											
2,272.0											
4,117.9											
5,963.9											
6,173.4											
6,382.9											
6,406.0											
6,429.1		PRODUCTION CASING CEMENT; 5964-6910; 12/20/1993; TOC IS ESTIMATED NO CBL RUN									
6,535.1											
6,641.1											
6,664.0											
6,687.0											
6,711.0											
6,734.9		Perforated; 6735-6745; 12/22/1993; Perf									
6,740.0		Perforated; 6735-6747; 1/9/2004; Perf									
6,745.1											
6,746.1											
6,747.0											
6,765.1											
6,783.1											
6,826.6											
6,870.1		PRODUCTION CASING CEMENT (plug); 6870-6910; 12/20/1993; TOC IS ESTIMATED NO CBL RUN									
6,889.6											
6,909.1											
6,909.6											
6,910.1											
6,914.5											
6,919.0											
7,091.6											

Well Header									
Surface UWI 0512317739			Business Unit Rockies			Gov Auth Dist Land		Prod Tree Loc Land	
Orig. KB to Gnd (ft) 12.00		Original Spud Date 12/14/1993		Abandon Date		Well Sub-Status PR			High... N
Comment LIKELY NIO BREAKTHROUGH DURING 1/2004 CDL FRAC									
Surface Location (Congressional)									
Qtr 3 NW	Qtr 4 SE	Section 14	Twnshp 4	Twnsh... N	Range 64	Rng E/... W	Latitude (°) 40.31016935 5	Longitude (°) -104.514973747	
Wellbore Sections									
Section Des			Hole Size (in)			Act Top (ftKB)		Act Btm (ftKB)	
SURFACE			12 1/4			12.0		487.0	
PRODUCTION			7 7/8			487.0		6,919.0	
Casing Strings									
Csg Des		Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top Depth (MD) (ftKB)	Set Depth (MD) (ftKB)	
Surface		12/15/1993		8 5/8	23.00	M-50	12	469	
Production Casing		12/19/1993		3 1/2	7.70	B-70	12	6910	
Cement									
Des					Start Date		Top (ftKB)		Btm (ftKB)
SURFACE CASING CEMENT					12/15/1993		12.0		469.0
PRODUCTION CASING CEMENT					12/20/1993		5,964.0		6,910.0
Zone Statuses									
Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
CODELL	1/13/2004	PR	Water	RE-FRAC, 1/6/2004 00:00				Flowing	
CODELL	6/26/2010	PR							
NIOBRARA	1/13/1994	PR	Oil					Flowing	
NIOBRARA	6/26/2010	PR	Water						
Perforation Data									
Linked Zone		Explosive Type	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date	
CODELL, Original Hole			48	6,735.0		6,747.0		1/9/2004	
CODELL, Original Hole			20	6,735.0		6,745.0		12/22/1993	
Stimulation Intervals									
Zone			Start Date			Top (ftKB)		Btm (ftKB)	
CODELL, Original Hole			12/28/1993			6,735.0		6,745.0	
CODELL, Original Hole			1/12/2004			6,735.0		6,747.0	
Other In Hole									
Run Date		Des			Make		OD (in)	Top (ftKB)	Btm (ftKB)
Logs									
Date		Type					Depth Top (MD) (ftKB)	Btm (ftKB)	
12/20/1993		COMPENSATED DENSITY					4,150	6,914.0	
12/20/1993		INDUCTION					478	6,914.0	
12/22/1993		GAMMA RAY CCL					6,350	6,855.0	
Plug Back Total Depths									
Date		Type		Com					PBTD (ftKB)
12/20/1993		LATCH DOWN COLLAR		LATCH DOWN COLLAR					6,870
4/10/2007		FILL		LND TBG					6,783