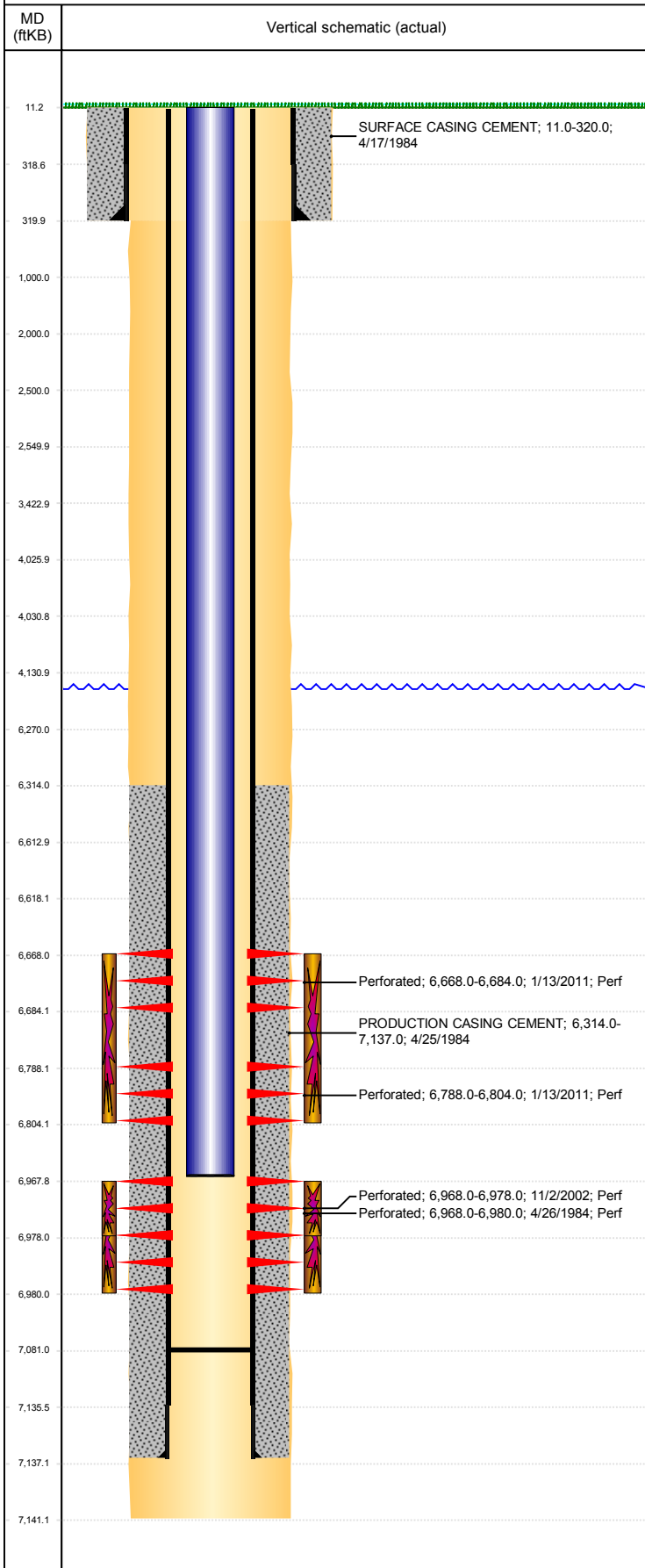


Well Name: GRUEN 22-02

VERTICAL, ORIGINAL HOLE, 1/9/2019 9:50:35 AM



Well Header									
API 05-123-11770		Business Unit DJ BASIN		District 15		Well Config VERTICAL			
KB - GL / MSL (ft... 11.00		Spud Date 4/16/1984		P & A Date		Well Production Status PR		SoRT No	
Comment									
Surface Location (Congressional)									
Qtr 3 SE	Qtr 4 SW	Section 22	Twnshp 6	Twnsh... N	Range 64	Rng E/... W	Actual Latitude (°) 40.46627000	Actual Longitude (°) -104.53861900	
Wellbore Sections									
Section Des			Size (in)			Act Top, MD (ftKB)		Act Btm, MD (ftKB)	
SURFACE			12 1/4			11		320	
PRODUCTION			7 7/8			320		7,141	
Casing Strings									
Csg Des			Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top, MD (ftKB)	MD (ftKB)
Surface Casing			4/17/1984		8 5/8	24.00	J-55	11.0	320.0
Production			4/25/1984		4 1/2	11.60	K & J-55	11.0	7,137.0
Cement									
Des					Start Date		Top (ftKB)		Btm (ftKB)
SURFACE CASING CEMENT					4/17/1984		11.0		320.0
PRODUCTION CASING CEMENT					4/25/1984		6,314.0		7,137.0
Zone Statuses									
Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
CODELL	1/12/2011	SI		RECOMPLETION, 1/11/2011 06:00					
CODELL	2/11/2011	PR		RECOMPLETION, 1/11/2011 06:00					
NIOBRARA	1/27/2011	PR		RECOMPLETION, 1/11/2011 06:00					
NIOBRARA	2/11/2011	PR		RECOMPLETION, 1/11/2011 06:00					
Perforation Data									
Linked Zone			Bnch/Stg	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date
NIOBRARA, ORIGINAL HOLE				32	6,668.00		6,684.00		1/13/2011
NIOBRARA, ORIGINAL HOLE				32	6,788.00		6,804.00		1/13/2011
CODELL, ORIGINAL HOLE				24	6,968.00		6,980.00		4/26/1984
CODELL, ORIGINAL HOLE				40	6,968.00		6,978.00		11/2/2002
Stimulation Intervals									
Zone				Start Date		Top (ftKB)		Btm (ftKB)	
NIOBRARA, ORIGINAL HOLE				1/20/2011		6,668.0		6,804.0	
CODELL, ORIGINAL HOLE				5/16/1984		6,968.0		6,980.0	
CODELL, ORIGINAL HOLE				11/12/2002		6,968.0		6,978.0	
				5/16/1984					
Other In Hole									
Run Date		Des				OD (in)	Top (ftKB)		Btm (ftKB)
Logs									
Date		Type				Top, MD (ftKB)		Btm, MD (ftKB)	
4/23/1984		DUAL INDUCTION				302.0		7,005.0	
4/23/1984		NEUTRON/DENSITY				6,987.0		6,992.0	
5/4/1984		SONIC				6,220.0		6,992.0	
9/28/2015		GYRO				11.0		6,900.0	
Plug Back Total Depths									
Date		Type		Com				Depth (ftKB)	
11/2/2002		FILL		FILL				6,940.0	
2/11/2011		FILL		CLEAN OUT SAND AFTER NIO RECOMPLETE				7,081.0	