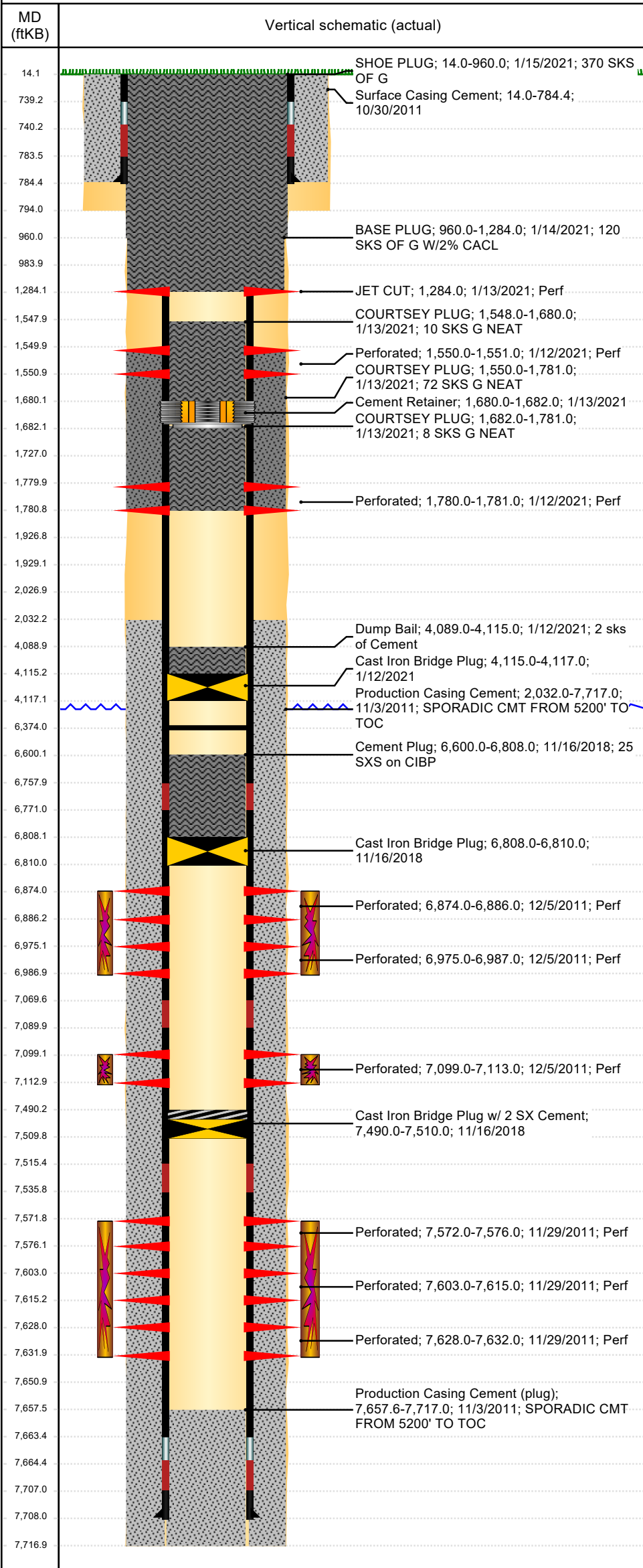


**Well Name: BUTTERBALL D19-22D**

DEVIATED, ORIGINAL HOLE, 2/27/2021 10:32:45 AM



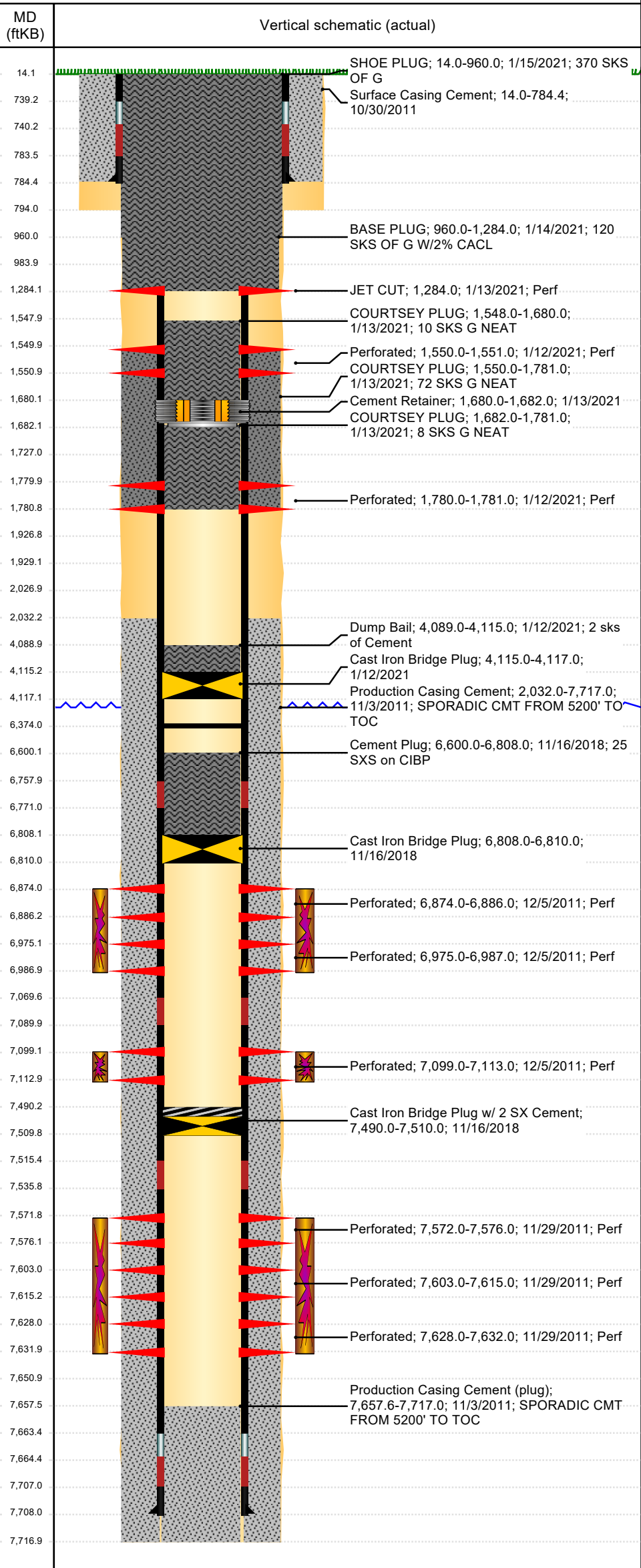
Well Header									
API 05-123-34171		Business Unit DJ BASIN			District 15		Well Configuration Type DEVIATED		
KB - GL / MSL (ftKB) 14.00		Spud Date 10/29/2011		P & A Date 1/29/2021		Well Production Status PA			SoRT Yes
Comment SPORADIC CMT FROM 5200' TO TOC									
Surface Location (Congressional)									
Quarter 3 SE	Quarter 4 NE	Section 19	Township 3	Twnshp N N	Range 64	Rng E/W W	Actual Latitude (°) 40.21218154	Actual Longitude (°) -104.58690026	
Wellbore Sections									
Section Des			Size (in)			Act Top, MD (ftKB)		Act Btm, MD (ftKB)	
SURFACE			12 1/4			14		794	
PRODUCTION			7 7/8			794		7,717	
Casing Strings									
Csg Des			Run Date		OD (in)	Wt/Len (lb/ft)	Grade	Top, MD (ftKB)	MD (ftKB)
Surface			10/29/2011		8 5/8	24.00	J-55	14.0	784.4
PRODUCTION			11/2/2011		4 1/2	11.60	M-80	14.0	7,708.0
Cement									
Des					Start Date		Top (ftKB)		Btm (ftKB)
Surface Casing Cement					10/30/2011		14.0		784.4
Production Casing Cement					11/3/2011		2,032.0		7,717.0
Cement Plug					11/16/2018		6,600.0		6,808.0
Dump Bail					1/12/2021		4,089.0		4,115.0
COURTSEY PLUG					1/13/2021		1,550.0		1,781.0
COURTSEY PLUG					1/13/2021		1,548.0		1,680.0
COURTSEY PLUG					1/13/2021		1,682.0		1,781.0
BASE PLUG					1/14/2021		960.0		1,284.0
SHOE PLUG					1/15/2021		14.0		960.0
Zone Statuses									
Zone Name	Status Date	Status	Fluid Type	Job				Prod Method	
CODELL	11/16/2018	TA		PLUG AND ABANDON, 11/15/2018 06:00					
CODELL	1/11/2021	P&A							
NIOBRARA	11/16/2018	TA		PLUG AND ABANDON, 11/15/2018 06:00					
NIOBRARA	1/11/2021	P&A							
J SAND	11/16/2018	TA		PLUG AND ABANDON, 11/15/2018 06:00					
J SAND	1/11/2021	P&A							
Perforation Data									
Linked Zone		Bnch/Stg	Entered Shot Total	Top (ftKB)		Btm (ftKB)		Date	
NIOBRARA, ORIGINAL HOLE			1	1,284.00		1,284.00		1/13/2021	
			6	1,550.00		1,551.00		1/12/2021	
			6	1,780.00		1,781.00		1/12/2021	
		B	24	6,874.00		6,886.00		12/5/2011	
			C	24	6,975.00		6,987.00		12/5/2011
		56		7,099.00		7,113.00		12/5/2011	
		16		7,572.00		7,576.00		11/29/2011	
		48		7,603.00		7,615.00		11/29/2011	
		16	7,628.00		7,632.00		11/29/2011		
Stimulation Intervals									
Zone			Start Date		Top (ftKB)		Btm (ftKB)		
NIOBRARA, ORIGINAL HOLE			12/5/2011		6,874.0		6,987.0		
CODELL, ORIGINAL HOLE			12/5/2011		7,099.0		7,113.0		
J SAND, ORIGINAL HOLE			12/5/2011		7,572.0		7,632.0		
Other In Hole									
Run Date	Des				Make		OD (in)	Top (ftKB)	Btm (ftKB)
11/16/2018	Cast Iron Bridge Plug						4	6,808.0	6,810.0
11/16/2018	Cast Iron Bridge Plug w/ 2 SX Cement						4	7,490.0	7,510.0
1/12/2021	Cast Iron Bridge Plug						4	4,115.0	4,117.0
1/13/2021	Cement Retainer						4	1,680.0	1,682.0
Logs									
Date		Type				Top, MD (ftKB)		Btm, MD (ftKB)	
11/2/2011		SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY				785.0		7,713.0	
11/2/2011		SPECTRAL GAMMA RAY				785.0		7,713.0	
11/18/2011		CBL/CCL/GR				2,032.0		7,650.0	



P&A Wellbore For State

Well Name: BUTTERBALL D19-22D

DEVIATED, ORIGINAL HOLE, 2/27/2021 10:32:45 AM



Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
6/13/2014	GYRO	14.0	7,450.0
Plug Back Total Depths			
Date	Type	Com	Depth (ftKB)
3/13/2015	BOTTOM OF TBG	247 JTS ALL THE WAY IN W/ NO TAG. BOTTOM OF TBG @ 7645.6'	7,645.7
11/16/2018	CEMENT PLUG	CIBP w/ 25 sx cmt	6,374.0