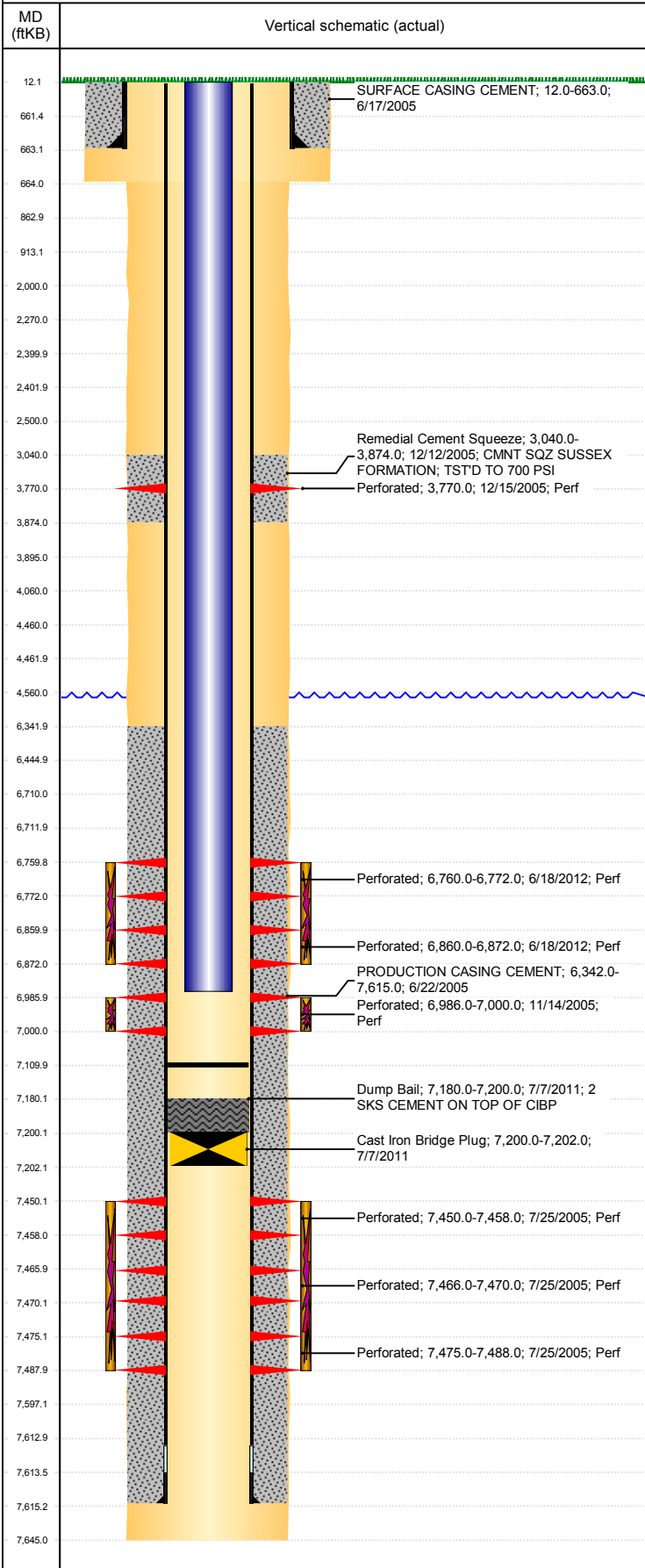


Well Name: GUTTERSEN 32-21

VERTICAL - ORIGINAL HOLE, 10/29/2018 11:41:28 AM



Well Header									
API 05-123-23002		Business Unit DJ BASIN		District 15		Well Config VERTICAL			
KB - GL / MSL (ft... 12.00		Spud Date 6/16/2005		P & A Date		Well Production Status PR		SoRT No	
Comment REMEDIAL CMNT SQZ SUSSEX FORMATION W/50 SKS; TST'D TO 700 PSI; 3 PERFS @ 3770'									
Surface Location (Congressional)									
Qtr 3 SW	Qtr 4 NE	Section 21	Twonshp 3	Twonsh... N	Range 64	Rng E... W	Actual Latitude (°) 40.21256209	Actual Longitude (°) -104.55389654	
Wellbore Sections									
Section Des		Size (in)		Act Top, MD (ftKB)		Act Btm, MD (ftKB)			
SURFACE		12 1/4		12		664			
PRODUCTION		7 7/8		664		7,645			
Casing Strings									
Csg Des		Run Date		OD (in)		Wt/Len (lb/ft)		Grade	
Surface		6/16/2005		8 5/8		24.00		?	
Production		6/22/2005		4 1/2		11.60		?	
Cement									
Des		Start Date		Top (ftKB)		Btm (ftKB)			
SURFACE CASING CEMENT		6/17/2005		12.0		663.0			
PRODUCTION CASING CEMENT		6/22/2005		6,342.0		7,615.0			
Remedial Cement Squeeze		12/12/2005		3,040.0		3,874.0			
Dump Bail		7/7/2011		7,180.0		7,200.0			
Zone Statuses									
Zone Name		Status Date		Status		Fluid Type		Job	
CODELL		1/4/2006		PR				RECOMPLETION, 11/11/2005 00:00	
CODELL		8/23/2011		PR				RE-FRAC, 6/29/2011 06:00	
J SAND		8/5/2005		PR				DRILLING/COMPLETION - ORIGINAL, 6/16/2005...	
J SAND		7/7/2011		AB				RE-FRAC, 6/29/2011 06:00	
NIOBRARA		8/6/2012		PR				RECOMPLETION, 6/14/2012 06:00	
Perforation Data									
Linked Zone		Bnch/Stg		Entered Shot Total		Top (ftKB)		Btm (ftKB)	
NIOBRARA, ORIGINAL HOLE				3		3,770.00		3,770.00	
NIOBRARA, ORIGINAL HOLE				24		6,760.00		6,772.00	
NIOBRARA, ORIGINAL HOLE				24		6,860.00		6,872.00	
CODELL, ORIGINAL HOLE				56		6,986.00		7,000.00	
J SAND, ORIGINAL HOLE		1		32		7,450.00		7,458.00	
J SAND, ORIGINAL HOLE		2		16		7,466.00		7,470.00	
J SAND, ORIGINAL HOLE		3		52		7,475.00		7,488.00	
Stimulation Intervals									
Zone		Start Date		Top (ftKB)		Btm (ftKB)			
NIOBRARA, ORIGINAL HOLE		6/27/2012		6,760.0		6,872.0			
CODELL, ORIGINAL HOLE		11/15/2005		6,986.0		7,000.0			
CODELL, ORIGINAL HOLE		8/2/2011		6,986.0		7,000.0			
J SAND, ORIGINAL HOLE		7/27/2005		7,450.0		7,488.0			
Other In Hole									
Run Date		Des		OD (in)		Top (ftKB)		Btm (ftKB)	
7/7/2011		Cast Iron Bridge Plug		3.9		7,200.0		7,202.0	
Logs									
Date		Type		Top, MD (ftKB)		Btm, MD (ftKB)			
6/22/2005		COMPENSATED DENSITY/NEUTRON/DUAL INDUCTION		663.0		7,632.0			
7/5/2005		CBL/CCL/GR		3,650.0		7,592.0			
12/28/2005		CBL/CCL/GR		2,800.0		3,942.0			
1/2/2018		GYRO		12.0		6,900.0			
Plug Back Total Depths									
Date		Type		Com		Depth (ftKB)			
8/10/2011		FILL		TUBBING TALLY		7,132.0			
7/19/2012		FILL		C/O AND TAGGED @7110'		7,110.0			