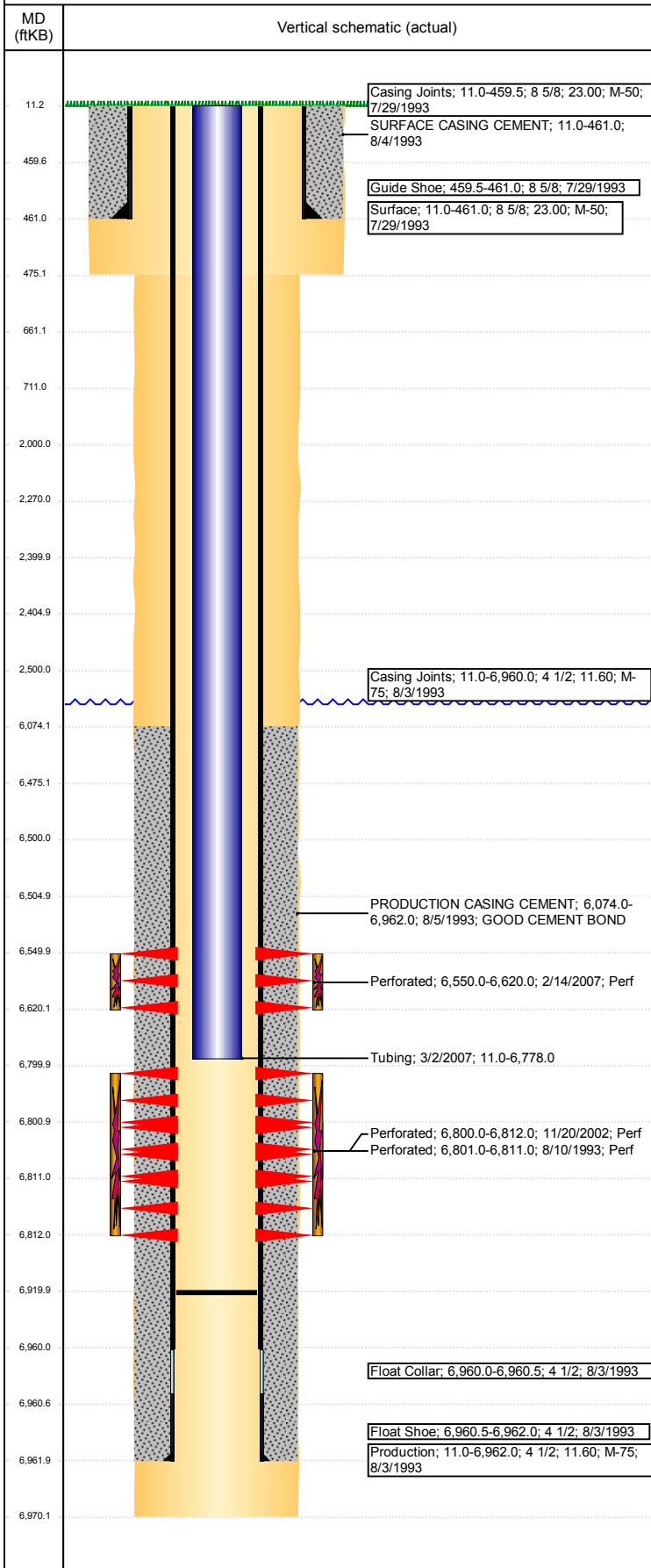


Well Name: RICHARDSON 10-12

VERTICAL - ORIGINAL HOLE, 6/22/2017 1:28:14 PM



Well Header						
API 05-123-17191	Business Unit DJ BASIN		District 15	Well Config VERTICAL		
Original KB Elevation (ft) 4,674	KB - GL / MSL (ftKB) 11.00		Spud Date 7/29/1993		P & A Date	
Comment ACOUSTIC CEMENT BOND LOG END AT 5900						
Directions To Well						
Congressional Location						
Quarter 3 NW	Quarter 4 SW	Section 10	Township 4	Twship N/S Dir N	Range 64	Range E/W Dir W
Bottom Hole Location						
North-South Distance (ft)		From N or S Line		East-West Distance (ft)		From E or W Line
Plug Back Total Depths						
Date	Depth (ftKB)	Method		Com		
8/4/1993	6,920.0	CASING TALLY				
Wellbore Sections						
Section Des		Size (in)		Act Top, MD (ftKB)		Act Btm, MD (ftKB)
SURFACE		12 1/4		11		475
PRODUCTION		7 7/8		475		6,970
Zone Statuses						
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method	
CODELL	8/12/1993	PR		DRILLING/CO...		
CODELL	12/6/2002	PR		RE-FRAC, 11/2...		
CODELL	2/27/2007	PR		RECOMPLETI...		
CODELL	3/1/2016	SI				
NIOBRARA	2/27/2007	PR		RECOMPLETI...		
NIOBRARA	3/1/2016	SI				
NIOBRARA-C...	2/27/2007	SI		PLUG AND AB...		
Casing Strings						
Csg Des	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top, MD (ftKB)	MD (ftKB)
Surface	7/29/1993	8 5/8	23.00	M-50	11.0	461.0
Production	8/3/1993	4 1/2	11.60	M-75	11.0	6,962.0
Cement						
Description SURFACE CASING CEMENT				Top Depth (ftKB) 11.0		Bottom Depth (ftKB) 461.0
Description PRODUCTION CASING CEMENT				Top Depth (ftKB) 6,074.0		Bottom Depth (ftKB) 6,962.0
Tubing Strings						
Tubing Description Tubing	Run Date 3/2/2007	String... 2 3/8	ID (in) 2.00	Wt (lb/ft) 4.70	Grade J-55	Len (ft) 6,767.00
Set De...						
Other In Hole						
Run Date	Des			OD (in)	Top (ftKB)	Btm (ftKB)
6/15/2017	Cement Retainer			4	2,400.0	2,405.0
6/15/2017	Cast Iron Bridge Plug			4	6,500.0	6,505.0
Logs						
Date	Type				Top, MD (ftKB)	Btm, MD (ftKB)
8/2/1993	INDUCTION				500.0	6,970.0
8/6/1993	CEMENT BOND				5,900.0	6,970.0
Perforation Data						
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date	
NIOBRARA, ORIGINAL HOLE		0	2,500.00	2,500.00	6/15/2017	
NIOBRARA, ORIGINAL HOLE		204	6,550.00	6,620.00	2/14/2007	
CODELL, ORIGINAL HOLE		48	6,800.00	6,812.00	11/20/2002	
CODELL, ORIGINAL HOLE		20	6,801.00	6,811.00	8/10/1993	
Total (Sum)		272				
Stimulation Intervals						
Start Date 8/10/1993		Primary Job Type DRILLING/COMPLETION - ORIGINAL				
Technical Result		Tech Result Details		Tech Result Note		
Comment						

Well Name: RICHARDSON 10-12

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Stimulation Intervals

Start Date 11/21/2002	Primary Job Type RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		
Start Date 2/14/2007	Primary Job Type RECOMPLETION	
Technical Result	Tech Result Details	Tech Result Note
Comment		

