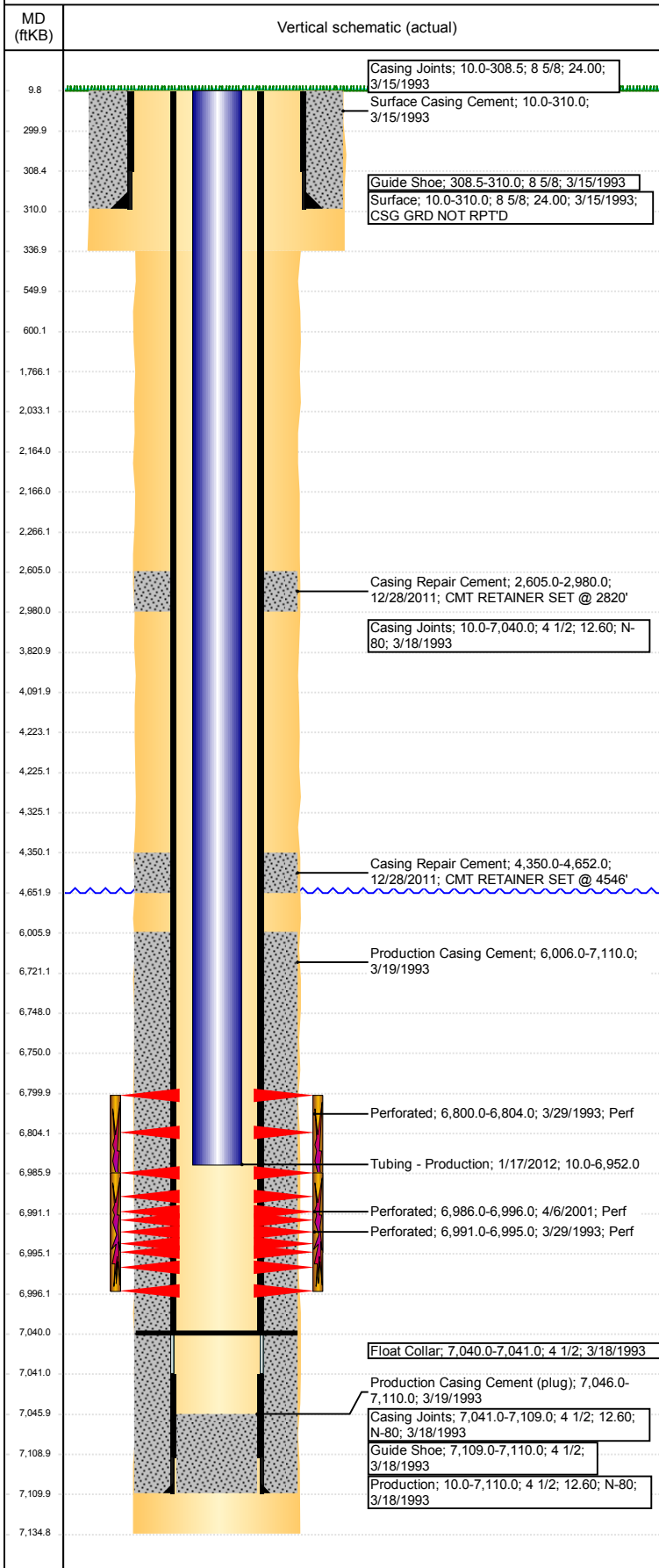


Wellbore Schematic Input Report

Well Name: HOECHER 2

VERTICAL - ORIGINAL HOLE, 10/14/2017 10:55:51 AM



Well Header

API 05-123-16805	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,659	KB - GL / MSL (ftKB) 10.00	Spud Date 3/15/1993	P & A Date

Comment
HOLE IN CSG FOUND @ 2970', CEMENTED AND CBL RAN. NO CEMENT REPORT FOUND FOR THIS CASING REPAIR. TOTAL SX AND CEMENT CLASS UNKNOWN.
CSG TST'D TO 1000#, GOOD TEST.

Directions To Well
WCR 45 & WCR 52, N 2/10, E INTO

Congressional Location

Quarter 3 NW	Quarter 4 SW	Section 26	Township 5	Twnshp N/S Dir N	Range 65	Range E/W Dir W
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Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
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Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
3/18/1993	7,040.0	CASING TALLY	TOP OF FLOAT COLLAR
3/29/1993	7,046.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
3/24/1994	7,040.0	TAG	CLEAN OUT
1/8/2012	7,046.0	TAG	CLEAN OUT
1/16/2012	7,040.0	TAG	CLEAN OUT

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10	337
PRODUCTION	7 7/8	337	7,135

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	4/30/1993	PR		DRILLING/CO...	
CODELL	4/30/1993	PR		DRILLING/CO...	
CODELL	4/27/2001	PR		RE-FRAC, 4/4/...	

Casing Strings

Surface, 310.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	3/15/1993	8 5/8	24.00		10.0	310.0

Production, 7,110.0ftKB

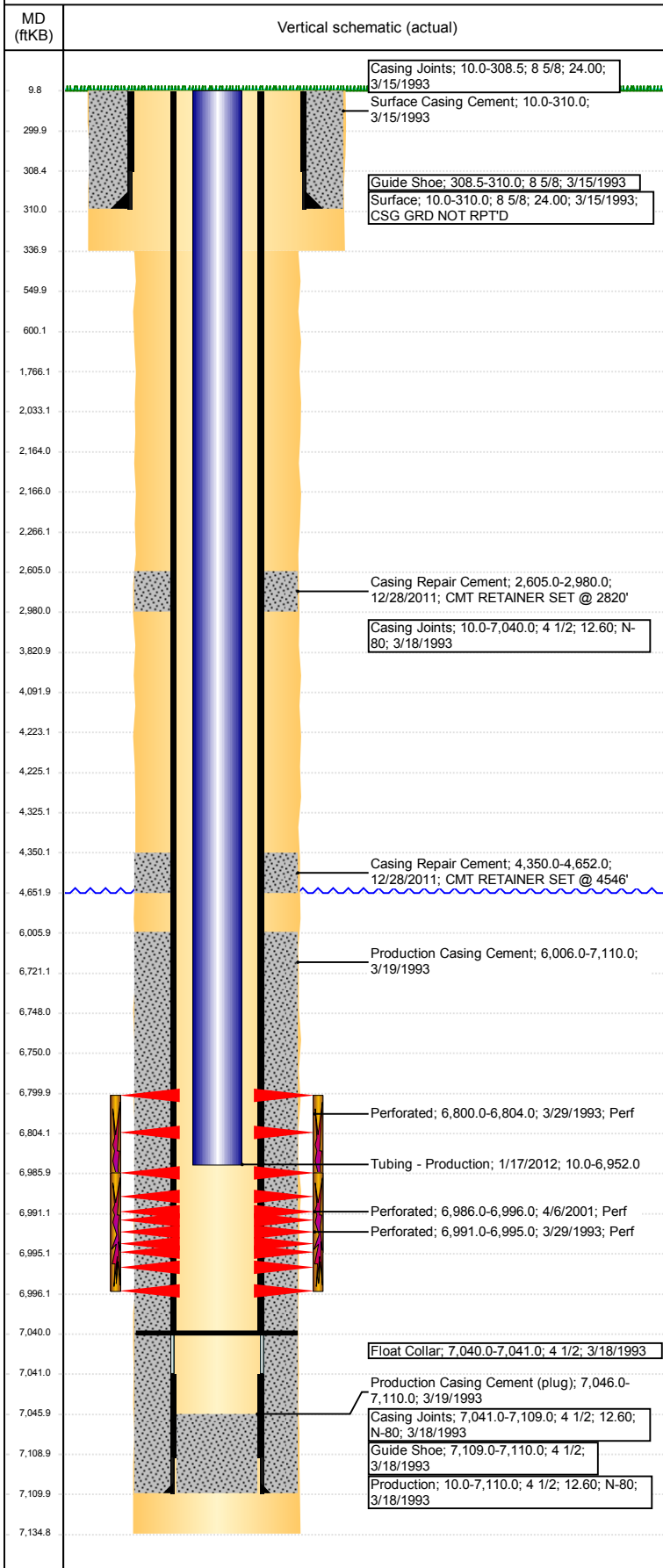
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	3/18/1993	4 1/2	12.60	N-80	10.0	7,110.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Surface Casing Cement	10.0	310.0
Production Casing Cement	6,006.0	7,110.0
Casing Repair Cement	2,605.0	2,980.0
Casing Repair Cement	4,350.0	4,652.0
DUMP BAIL	6,721.0	6,748.0
CEMENT PLUG	4,092.0	4,223.0
CEMENT PLUG	4,225.0	4,325.0
COURTESY PLUG	2,033.0	2,164.0
COURTESY PLUG	2,166.0	2,266.0
COURTESY PLUG	1,766.0	2,266.0
CEMENT PLUG	3,821.0	4,325.0
SHOE PLUG	550.0	600.0
SHOE PLUG	9.8	300.0
SHOE PLUG	300.0	550.0

Well Name: HOECHER 2

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Tubing Strings								
Tubing Description PRODUCTION TUBING	Run Date 3/25/1994	String... 2 3/8	ID (in)	Wt (lb/ft)	Grade LHYC7 m7QRu	Len (ft) 6,977.00	Set De...	
Tubing Components								
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)	
TUBING, WC-50, 4.7	2 3/8		LHYC 7m7 QRu	231	6,944.00	6,954.0		
SEATING NIPPLE, ,	2 3/8			1	1.00	6,955.0		
TUBING, WC-50, 4.7	2 3/8		LHYC 7m7 QRu	1	31.00	6,986.0		
NOTCHED COLLAR, ,	2 3/8			1	1.00	6,987.0		
Tubing Description PRODUCTION TUBING	Run Date 4/23/2001	String... 2 3/8	ID (in)	Wt (lb/ft) 4.70	Grade J55	Len (ft) 6,950.01	Set De...	
Tubing Components								
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)	
Tubing, Tubing, 2 3/8 in, 4.7 ppf, J-55, External-	2 3/8	4.70	J55	233	6,948.01	6,958.0		
Wellbore Equipment, Seating Nipple, in, ppf, , ,				1	1.00	6,959.0		
Wellbore Equipment, Notched Collar, in, ppf, , ,				1	1.00	6,960.0		
Tubing Description Tubing - Production	Run Date 1/17/2012	String... 2 3/8	ID (in) 2.00	Wt (lb/ft) 4.70	Grade J-55	Len (ft) 6,942.00	Set De...	
Tubing Components								
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)	
EUE 8rd Tubing	2 3/8	4.70	J-55	222	6,940.50	6,950.5		
Seal Nipple	2 3/8				1.00	6,951.5		
Notched collar	2 3/8				0.50	6,952.0		
Other In Hole								
Run Date	Des				OD (in)	Top (ftKB)	Btm (ftKB)	
8/11/2017	Cast Iron Bridge Plug				3.958	6,748.0	6,750.0	
8/12/2017	CICR				3.958	2,164.0	2,166.0	
8/12/2017	CICR				3.958	4,223.0	4,225.0	
Logs								
Date	Type					Top, MD (ftKB)	Btm, MD (ftKB)	
3/18/1993	COMPENSATED DENSITY					300.0	7,150.0	
3/18/1993	INDUCTION					300.0	7,150.0	
3/29/1993	CEMENT BOND					5,890.0	7,040.0	
4/5/2001	GAMMA RAY					6,500.0	6,990.0	
1/6/2012	CBL/CCL/GR					2,500.0	4,700.0	
9/16/2016	GYRO					10.0	6,900.0	
Perforation Data								
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date			
NIOBRARA, ORIGINAL HOLE		0	2,266.00	2,266.00	8/12/2017			
		0	3,821.00	3,821.00	8/12/2017			
		0	4,325.00	4,325.00	8/12/2017			
		6	6,800.00	6,804.00	3/29/1993			
	CODELL, ORIGINAL HOLE	40	6,986.00	6,996.00	4/6/2001			
CODELL, ORIGINAL HOLE		9	6,991.00	6,995.00	3/29/1993			
Total (Sum)		55						

Well Name: HOECHER 2

VERTICAL - ORIGINAL HOLE, 10/14/2017 10:55:52 AM

Stimulation Intervals

Start Date 3/31/1993	Primary Job Type DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment LIMITED ENTRY FRAC		
Start Date 4/13/2001	Primary Job Type RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		

