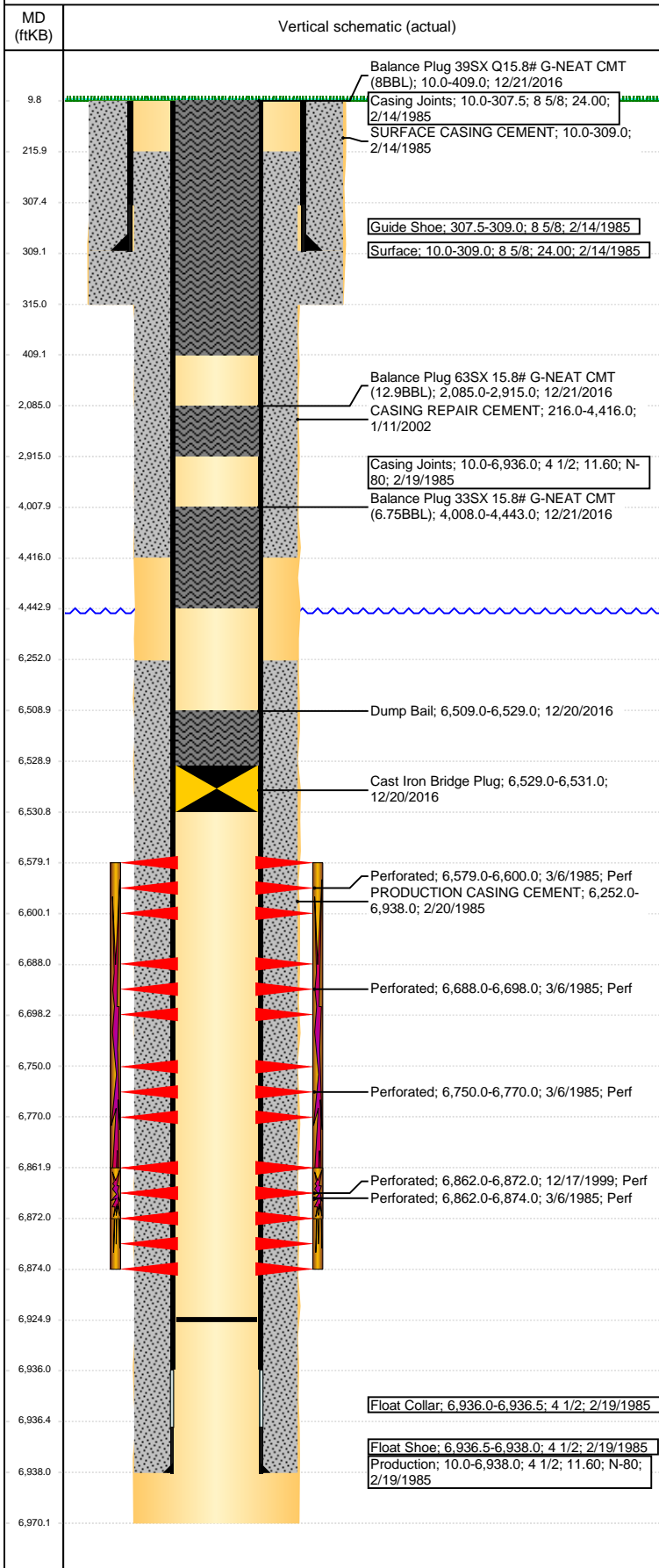


Well Name: GUNTHER 18-02

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Well Header

API 05-123-12263	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,630	KB - GL / MSL (ftKB) 10.00	Spud Date 2/13/1985	P & A Date 12/21/2016

Comment

DISCREPANCY:
SPUD DATE DRL RPT 2/13/85, ST RPT 2/14/85, USED DRL RPT.
TD DATE DRL RPT 2/18/85, ST RPT 2/19/85. USED DRL RPT.
COMP DATE - COMP RPT 3/13/85, ST RPT 3/14/85. USED COMP RPT.
SURF CSG DEPTH, DRL RPT 309', ST RPT 329', USED DRL RPT.
HOLES IN CSG FM 1610'-1673'; REPAIRED W/CMT.

Directions To Well

HWY 34 & 51, N 1/2, W 330', NW 1/10 INTO

Congressional Location

Quarter 3 SE	Quarter 4 NE	Section 18	Township 5	Twntshp N/S Dir N	Range 64	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
3/2/1985	6,837.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
12/23/1999	6,925.0	TAG	CLEAN OUT TO LAND TUBING

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10	315
PRODUCTION	7 7/8	315	6,970

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	3/29/1985	PR		DRILLING/CO...	
NIOBRARA	12/20/2016	P&A		ABANDON WE...	
CODELL	3/29/1985	PR		DRILLING/CO...	
CODELL	12/26/1999	PR		RE-FRAC, 12/1...	
CODELL	12/20/2016	P&A		ABANDON WE...	

Casing Strings

Surface, 309.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	2/14/1985	8 5/8	24.00		10.0	309.0

Production, 6,938.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	2/19/1985	4 1/2	11.60	N-80	10.0	6,938.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	309.0
PRODUCTION CASING CEMENT	6,252.0	6,938.0
CASING REPAIR CEMENT	216.0	4,416.0
Dump Bail	6,509.0	6,529.0
Balance Plug 39SX Q15.8# G-NEAT CMT (8BBL)	10.0	409.0
Balance Plug 63SX 15.8# G-NEAT CMT (12.9BBL)	2,085.0	2,915.0
Balance Plug 33SX 15.8# G-NEAT CMT (6.75BBL)	4,008.0	4,443.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	1/19/2002	2 3/8				6,828.00	

Other In Hole

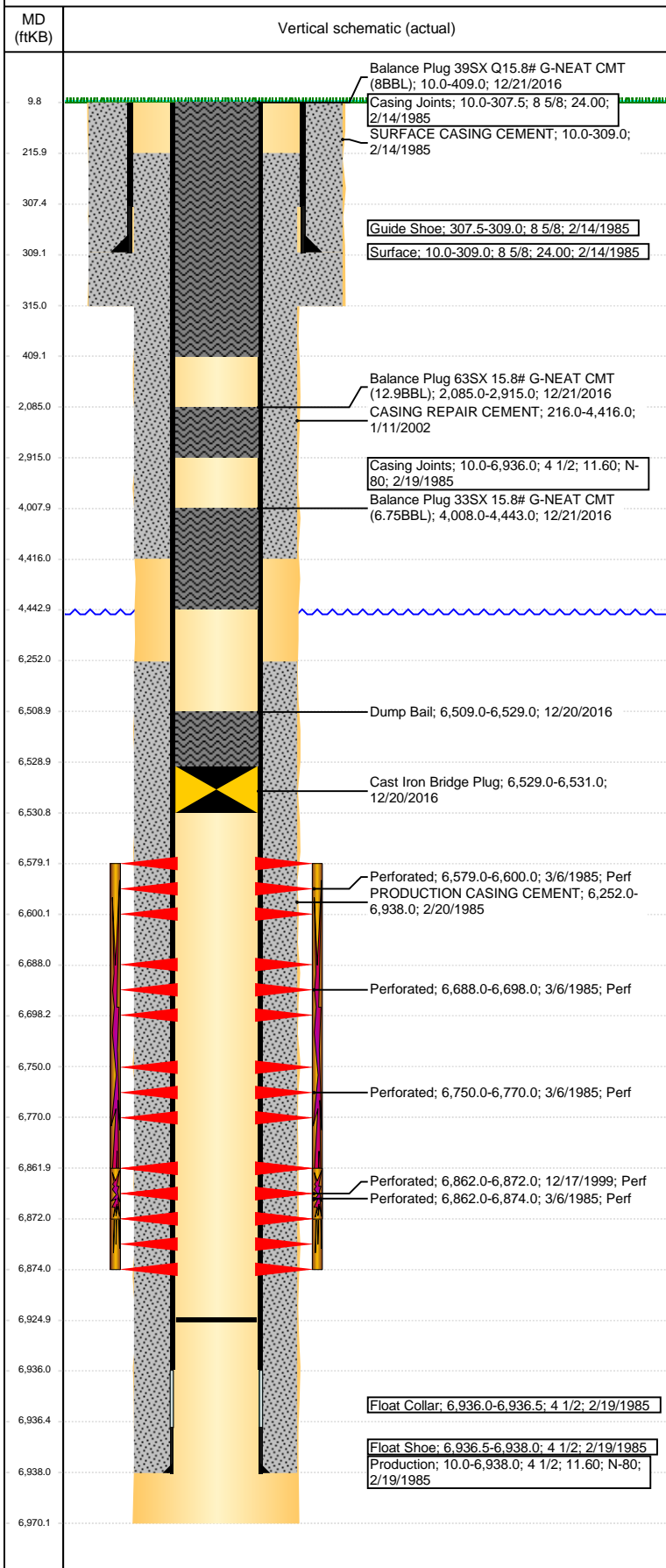
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
12/20/2016	Cast Iron Bridge Plug	3.99	6,529.0	6,531.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
2/19/1985	COMPENSATED NEUTRON	3,500.0	6,952.0
2/19/1985	INDUCTION	309.0	6,972.0
3/2/1985	CEMENT BOND	6,200.0	6,834.0
10/28/2015	GYRO	10.0	6,750.0
12/20/2016	RADIAL SECTOR LOG/CBL	10.0	4,600.0

Well Name: GUNTHER 18-02

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Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	3	6,579.00	6,600.00	3/6/1985
NIOBRARA, ORIGINAL HOLE	B	3	6,688.00	6,698.00	3/6/1985
NIOBRARA, ORIGINAL HOLE	C	3	6,750.00	6,770.00	3/6/1985
CODELL, ORIGINAL HOLE		6	6,862.00	6,874.00	3/6/1985
CODELL, ORIGINAL HOLE		40	6,862.00	6,872.00	12/17/1999
Total (Sum)		55			

Stimulation Intervals		
Start Date 3/13/1985	Primary Job Type DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment		
Start Date 12/22/1999	Primary Job Type RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		