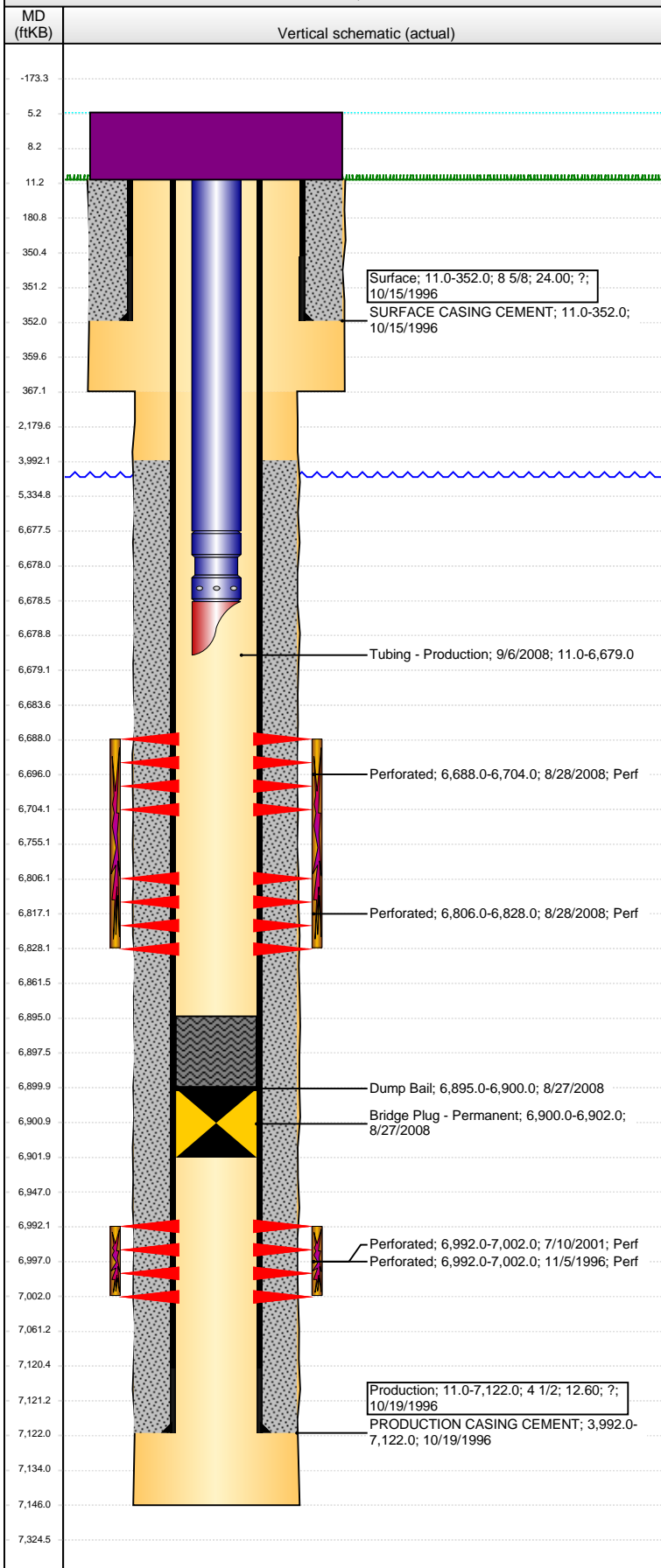


Well Name: MCMURREN 22-31

VERTICAL - ORIGINAL HOLE, 1/14/2016 10:59:30 AM



Well Header

API 05-123-19204	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,638.00	KB - GL / MSL (ftKB) 11.00	Spud Date 10/14/1996	P & A Date

Comment

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3 NE	Quarter 4 SW	Section 22	Township 5 N	Twnshp N...	Range 65	Rng 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
10/19/1996	7,090.0	CASING TALLY	FLOAT SHOE
10/30/1996	7,049.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
8/26/2008	7,090.0	TAG	CLEAN OUT TO PBTD
8/27/2008	6,900.0	TAG	CIBP & 1 SX OF CMT

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11.0	367.0
PRODUCTION	7 7/8	367.0	7,146.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	11/11/1996	PR	Oil	DRILLING/CO...	
CODELL	7/13/2001	PR	Oil	RE-FRAC, 7/4/...	
CODELL	8/27/2008	TA		RECOMPLETI...	
NIOBRARA	9/10/2008	PR	Oil	RECOMPLETI...	

Casing Strings

Surface, 352.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Surface	10/15/1996	8 5/8	24.00	?	11.0	352.0

Production, 7,122.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Production	10/19/1996	4 1/2	12.60	?	11.0	7,122.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	352.0
PRODUCTION CASING CEMENT	3,992.0	7,122.0
Dump Bail	6,895.0	6,900.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	9/6/2008	2 3/8	1.995	4.70	J-55	6,668.00	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	4.70	J-55	223	6,666.50	6,677.5	
Pump Seating Nipple	2 3/8			1	1.00	6,678.5	
Mule Shoe	2 3/8			1	0.50	6,679.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	32	6,688.00	6,704.00	8/28/2008
NIOBRARA, ORIGINAL HOLE	B	88	6,806.00	6,828.00	8/28/2008
CODELL, ORIGINAL HOLE		40	6,992.00	7,002.00	7/10/2001
CODELL, ORIGINAL HOLE		40	6,992.00	7,002.00	11/5/1996

Well Name: MCMURREN 22-31

VERTICAL - ORIGINAL HOLE, 1/14/2016 10:59:33 AM

Stimulations & Treatments

Date	Zone	Primary Job Type
11/6/1996	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
7/11/2001	CODELL, ORIGINAL HOLE	RE-FRAC

Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
9/3/2008	NIOBRARA, ORIGINAL HOLE	RECOMPLETION

Technical Result	Tech Result Details	Tech Result Note
Failure	Screen-Out	

Comment
SCREENED OUT DURING #5 SAND

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
8/27/2008	Bridge Plug - Permanent	3.9	6,900.0	6,902.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
10/18/1996	COMPENSATED DENSITY	4,100.0	7,125.0
10/18/1996	INDUCTION	352.0	7,143.0
10/30/1996	CEMENT BOND	3,950.0	7,045.0

