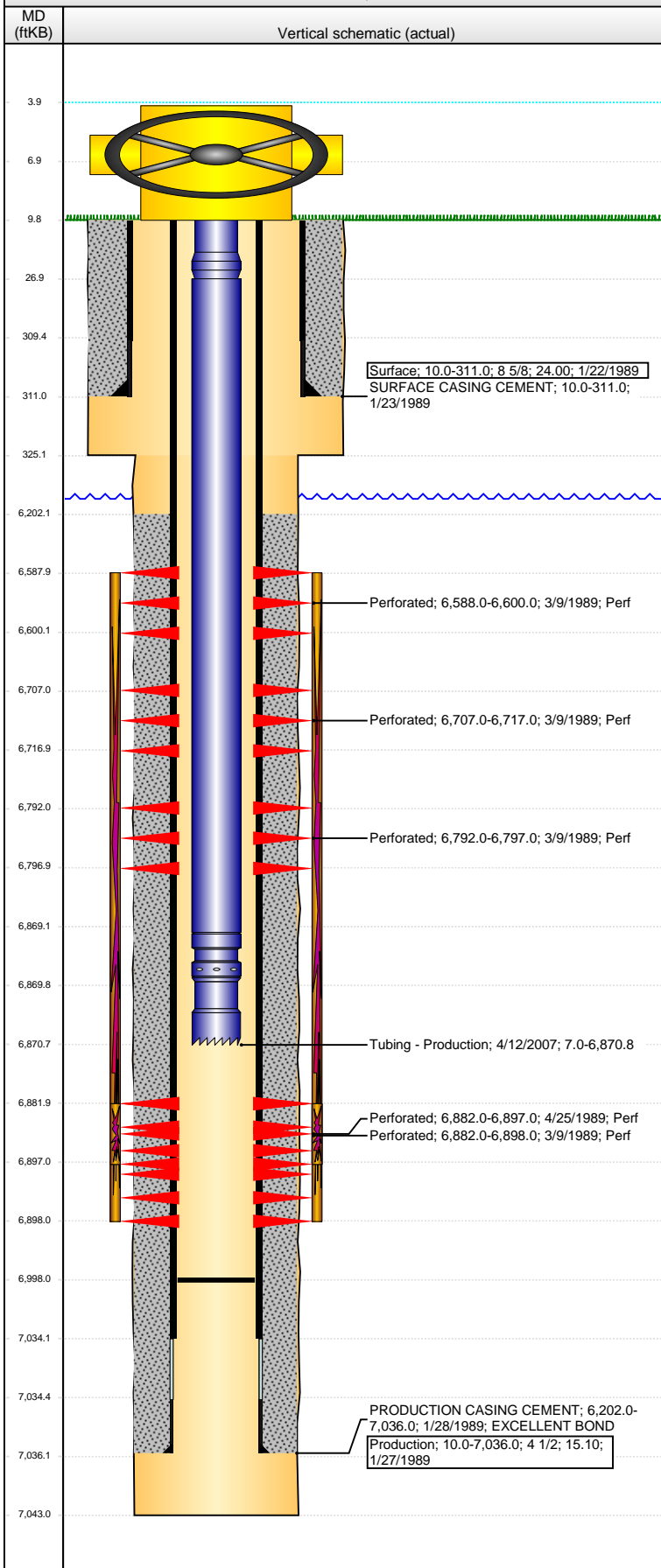


Well Name: GUNTHER PMB18- 7

VERTICAL - ORIGINAL HOLE, 8/7/2014 4:14:00 PM



Well Header

API 05-123-14050	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,630.00	KB - GL / MSL (ftKB) 10.00	Spud Date 1/22/1989	P & A Date
Comment			

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SW	NE	18	5	N	64	W

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
2/16/1989	6,969.0	CASED HOLE LOG	CBL DEPTH LOGGER
4/12/2007	6,998.0	TAG	MOST RECENT TAG

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10.0	325.0
PRODUCTION	7 7/8	325.0	7,043.0

Zone Statuses

Zone Name	Status Date	Status	Job
CODELL	5/6/1989	PR	DRILLING/COMPLETION - ORIGINAL, 1/22/1989 00:00
CODELL	11/30/2001	PR	RE-FRAC, 11/7/2001 00:00
CODELL	5/18/2007	PR	TRI-FRAC, 3/9/2007 00:00
NIOBRARA	5/6/1989	PR	DRILLING/COMPLETION - ORIGINAL, 1/22/1989 00:00

Casing Strings

Surface, 311.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	1/22/1989	8 5/8	24.00		10.0	311.0

Production, 7,036.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	1/27/1989	4 1/2	15.10		10.0	7,036.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	311.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	6,202.0	7,036.0

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Pup Joint	2 3/8	4.70	J-55	2	20.00	27.0	
EUE 8rd Tubing	2 3/8	4.70	J-55	225	6,842.20	6,869.2	
Seating Nipple	2 3/8	1.10			0.50	6,869.7	
Notched collar	2 3/8				1.15	6,870.8	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	3	6,588.00	6,600.00	3/9/1989
NIOBRARA, ORIGINAL HOLE	B	4	6,707.00	6,717.00	3/9/1989
NIOBRARA, ORIGINAL HOLE	C	3	6,792.00	6,797.00	3/9/1989
CODELL, ORIGINAL HOLE			6,882.00	6,897.00	4/25/1989
CODELL, ORIGINAL HOLE		10	6,882.00	6,898.00	3/9/1989

Stimulations & Treatments

Date	Zone	Primary Job Type
4/25/1989	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result		Tech Result Details
		Tech Result Note

Comment

LIMITED ENTRY FRAC

Date	Zone	Primary Job Type
11/15/2001	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result		Tech Result Details
		Tech Result Note

Comment

Well Name: GUNTHER PMB18- 7

VERTICAL - ORIGINAL HOLE, 8/7/2014 4:14:02 PM

Stimulations & Treatments

Date 4/5/2007	Zone CODELL, ORIGINAL HOLE	Primary Job Type TRI-FRAC
Technical Result	Tech Result Details	Tech Result Note
Comment		

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
1/27/1989	COMPENSATED DENSITY	4,100.0	7,054.0
2/16/1989	CBL/CCL/GR	6,120.0	6,966.0

