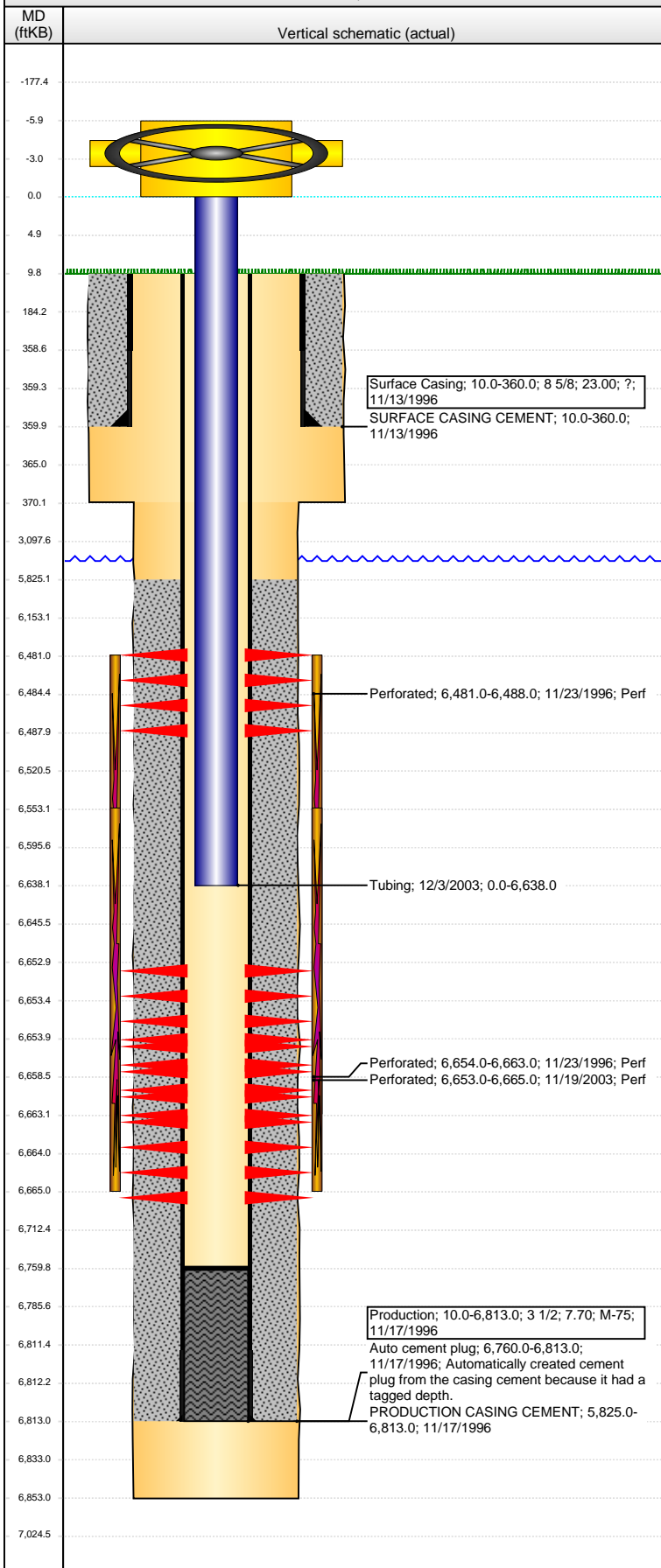


Well Name: ROTHE STATE B36-16

VERTICAL - ORIGINAL HOLE, 4/22/2016 10:20:56 AM



Well Header

API	Business Unit	District	Well Config
05-123-19217	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,599	10.00	11/12/1996	
Comment			

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SE	SE	36	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

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
11/23/1996	6,760.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
12/2/2003	6,760.0	TAG	C/O LND TBG

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10.0	370.0
PRODUCTION	7 7/8	370.0	6,853.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	12/3/1996	PR		DRILLING/CO...	
CODELL	11/26/2003	PR		RE-FRAC, 11/1...	
NIOBRARA	12/3/1996	PR		DRILLING/CO...	

Casing Strings

Surface Casing, 360.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Surface Casing	11/13/1996	8 5/8	23.00	?	10.0	360.0

Production, 6,813.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Production	11/17/1996	3 1/2	7.70	M-75	10.0	6,813.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	360.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	5,825.0	6,813.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	12/3/2003	2 1/16	1.751	3.25	J-55	6,638.00	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 1/16	3.25	J-55	240	6,638.00	6,638.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE		6	6,481.00	6,488.00	11/23/1996
CODELL, ORIGINAL HOLE		48	6,653.00	6,665.00	11/19/2003
CODELL, ORIGINAL HOLE		8	6,654.00	6,663.00	11/23/1996

Stimulations & Treatments

Date	Zone	Primary Job Type
11/25/1996	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result		Tech Result Note

LIMITED ENTRY

Date	Zone	Primary Job Type
11/25/2003	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result		Tech Result Note

Well Name: ROTHE STATE B36-16

VERTICAL - ORIGINAL HOLE, 4/22/2016 10:20:58 AM

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
11/16/1996	COMPENSATED DENSITY	360.0	6,835.0
11/16/1996	INDUCTION	360.0	6,853.0
11/23/1996	CEMENT BOND	5,700.0	6,760.0

