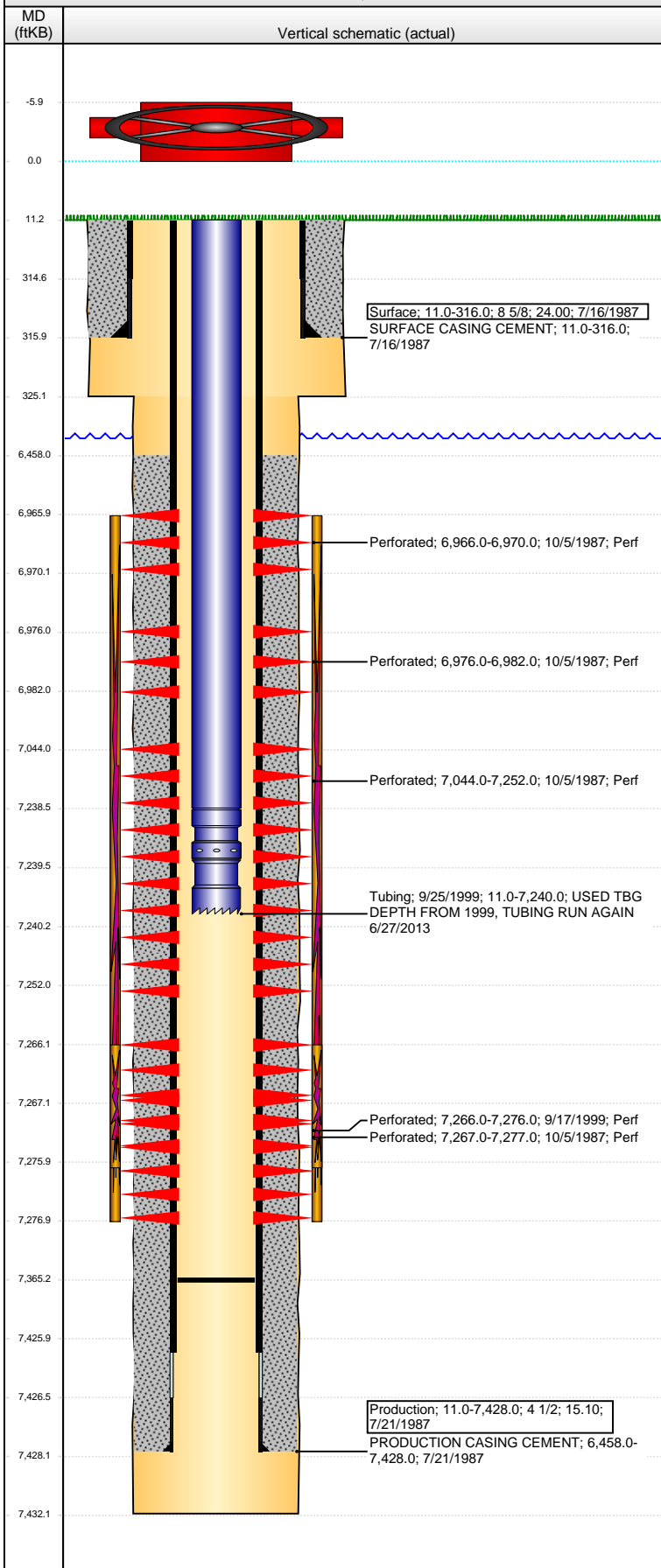


Well Name: KEISER FEDERAL 13-28

VERTICAL - ORIGINAL HOLE, 1/15/2016 7:46:06 AM



Well Header

API 05-123-12608	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,768.00	KB - GL / MSL (ftKB) 11.00	Spud Date 7/16/1987	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	SW	28	4	N	66	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
7/21/1987	7,221.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
9/25/1999	7,365.0	TAG	CLEAN OUT TO LAND TUBING

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11.0	325.0
PRODUCTION	7 7/8	325.0	7,432.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	12/7/1987	PR		DRILLING/CO...	
CODELL	9/28/1999	PR		RE-FRAC, 9/15...	
NIOBRARA	12/7/1987	PR		DRILLING/CO...	

Casing Strings

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	7/16/1987	8 5/8	24.00		11.0	316.0

Production, 7,428.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	7/21/1987	4 1/2	15.10		11.0	7,428.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	316.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	6,458.0	7,428.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	9/25/1999	2 3/8	1.995	4.70	J-55	7,229.00	

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		7,227.40	7,238.4	
Seal Nipple	2 3/8			1	1.00	7,239.4	
Notched collar	2 3/8			1	0.60	7,240.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	2	6,966.00	6,970.00	10/5/1987
NIOBRARA, ORIGINAL HOLE	A	4	6,976.00	6,982.00	10/5/1987
NIOBRARA, ORIGINAL HOLE	B	5	7,044.00	7,252.00	10/5/1987
CODELL, ORIGINAL HOLE		60	7,266.00	7,276.00	9/17/1999
CODELL, ORIGINAL HOLE		4	7,267.00	7,277.00	10/5/1987

Stimulations & Treatments

Date	Zone	Primary Job Type
10/16/1987	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result		Tech Result Details
		Tech Result Note

Comment
LIMITED ENTRY

Well Name: KEISER FEDERAL 13-28

VERTICAL - ORIGINAL HOLE, 1/15/2016 7:46:08 AM

Stimulations & Treatments

Date 9/22/1999	Zone CODELL, ORIGINAL HOLE	Primary Job Type RE-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)
7/20/1987	COMPENSATED DENSITY	187.0	7,427.0
7/20/1987	INDUCTION	187.0	7,427.0
7/21/1987	CEMENT BOND	6,400.0	7,218.0

