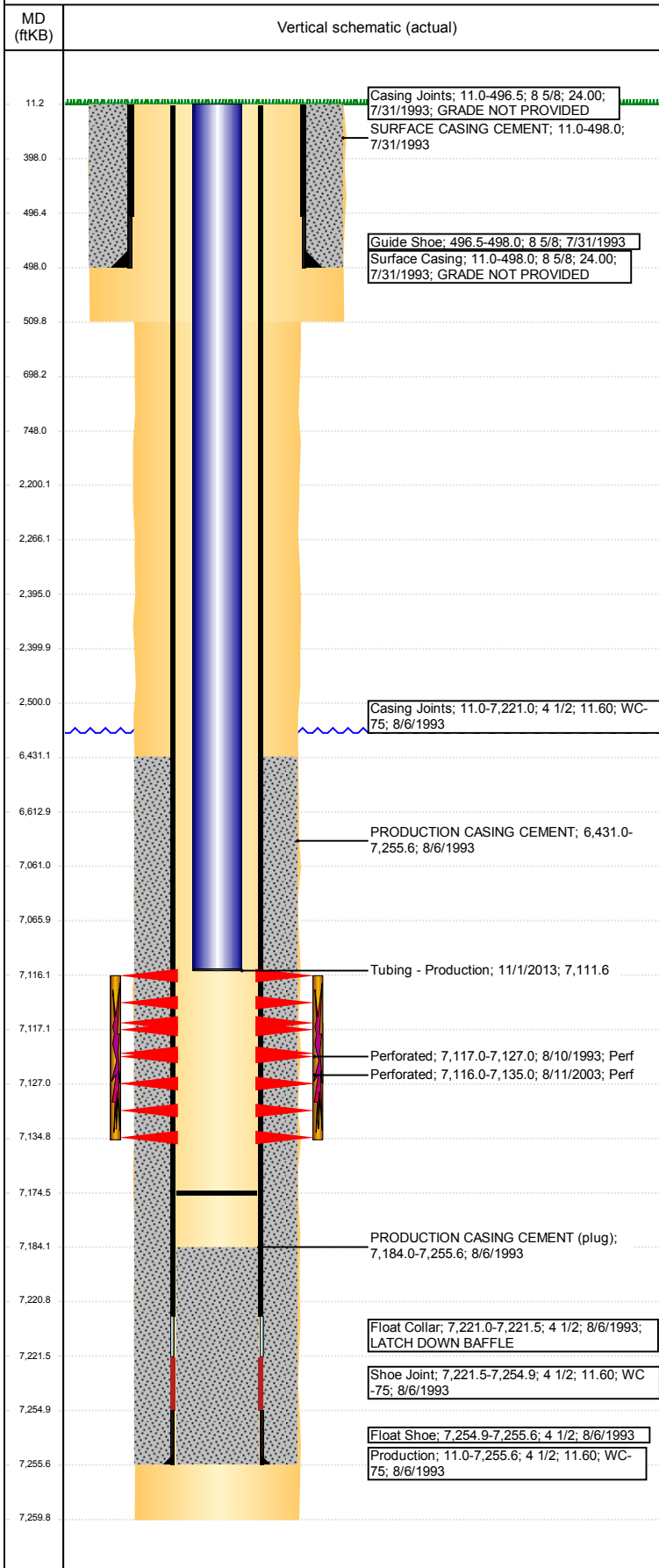


**Well Name: DOERING 28-16**

VERTICAL - ORIGINAL HOLE, 7/31/2017 3:06:46 PM



## Well Header

API 05-123-17233	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,723	KB - GL / MSL (ftKB) 11.00	Spud Date 7/31/1993	P & A Date
Comment			

## Directions To Well

59TH AVE & O STREET. W 300', N 1/10 INTO

## Congressional Location

Quarter 3 SE	Quarter 4 SE	Section 28	Township 6	Twnshp N/S Dir N	Range 66	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
8/6/1993	7,221.0	CASING TALLY	TOP OF LATCH DOWN BAFFLE
8/10/1993	7,184.0	CASED HOLE LOG	DEPTH LOGGER
8/18/2003	7,175.0	TAG	FILL
6/4/2013	7,151.0	TAG	TAG W/ PROD TBG.
6/5/2013	7,181.0	TAG	C/O W/ BIT & SCRAPER TO ORIGINAL PBTD.
11/1/2013	7,174.4	TAG	TAG W/ PROD. TBG

## Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11	510
PRODUCTION	7 7/8	510	7,260

## Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	8/28/1993	PR		DRILLING/CO...	
CODELL	8/22/2003	PR		RE-FRAC, 8/7/...	
CODELL	2/23/2010	PR	Water		Flowing
NIOBRARA	2/23/2010	PR	Water		Flowing
NIOBRARA	9/16/2015	PR			

## Casing Strings

### Surface Casing, 498.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface Casing	7/31/1993	8 5/8	24.00		11.0	498.0

### Production, 7,255.6ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	8/6/1993	4 1/2	11.60	WC-75	11.0	7,255.6

## Cement

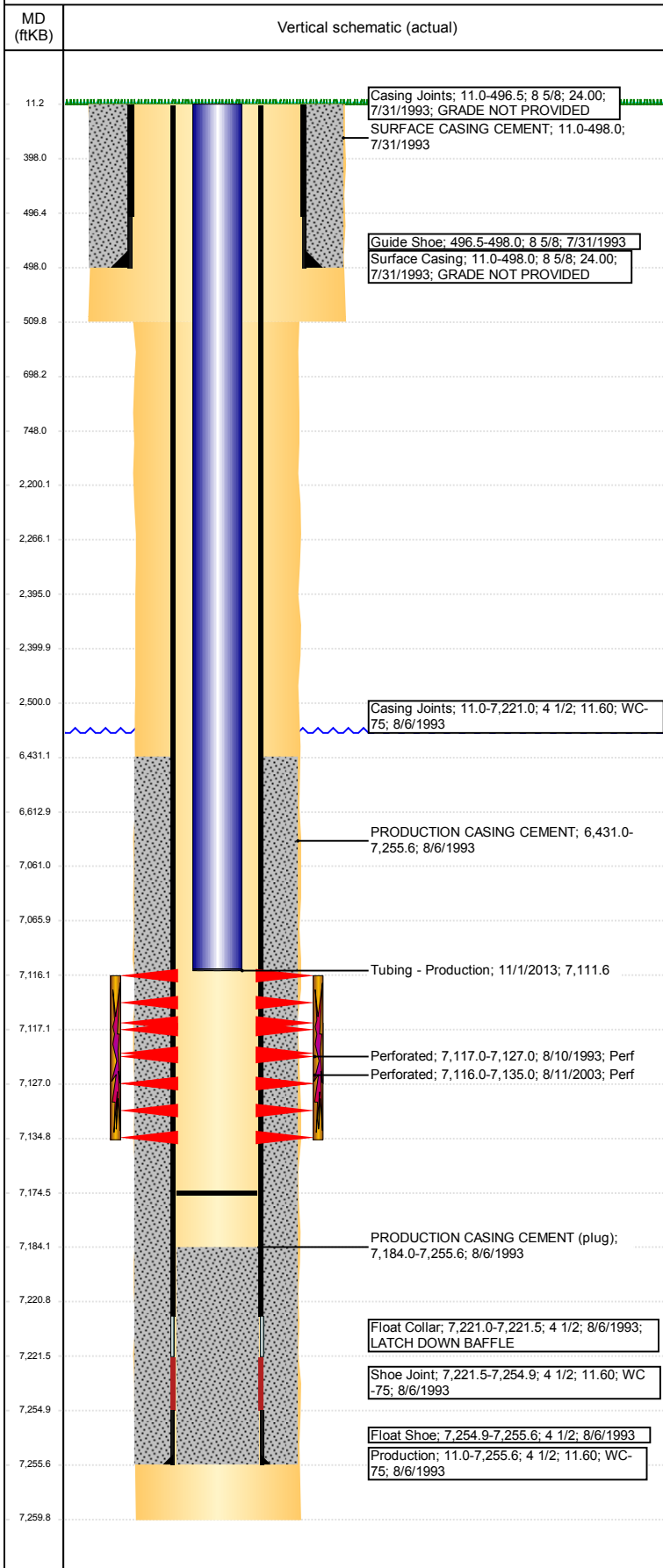
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	498.0
PRODUCTION CASING CEMENT	6,431.0	7,255.6
Cement Plug	6,613.0	7,061.0
Cement Squeeze	2,200.0	2,500.0
Balance Plug	2,400.0	2,500.0
Cement Plug	2,266.0	2,395.0
	398.0	698.0
Cement Plug	698.0	748.0
Cement Plug	11.0	398.0

## Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	8/18/2003	2 3/8	2.00	4.70	J-55	7,089.00	
Tubing - Production	6/5/2013	2 3/8	2.00	4.70	J-55	7,014.51	
Tubing - Production	11/1/2013	2 3/8	2.00	4.70	J-55	7,100.60	

**Well Name: DOERING 28-16**

VERTICAL - ORIGINAL HOLE, 7/31/2017 3:06:47 PM



Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
7/25/2017	Cement Retainer	4 1/2	2,395.0	2,400.0
	Cast Iron Bridge Plug	4 1/2	7,061.0	7,066.0

Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
8/6/1993	COMPENSATED DENSITY	4,300.0	7,258.0
8/6/1993	INDUCTION	498.0	7,258.0
8/10/1993	CEMENT BOND	6,300.0	7,179.0
2/26/2013	GYRO	11.0	7,100.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		6	2,500.00	2,500.00	7/25/2017
CODELL, ORIGINAL HOLE		76	7,116.00	7,135.00	8/11/2003
CODELL, ORIGINAL HOLE		20	7,117.00	7,127.00	8/10/1993
<b>Total (Sum)</b>		<b>102</b>			

Stimulation Intervals		
Start Date	Primary Job Type	
8/12/1993	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment		
CODELL SCREEN OUT, LEFT 15,175# SAND IN CASING		
Start Date	Primary Job Type	
8/14/2003	RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		