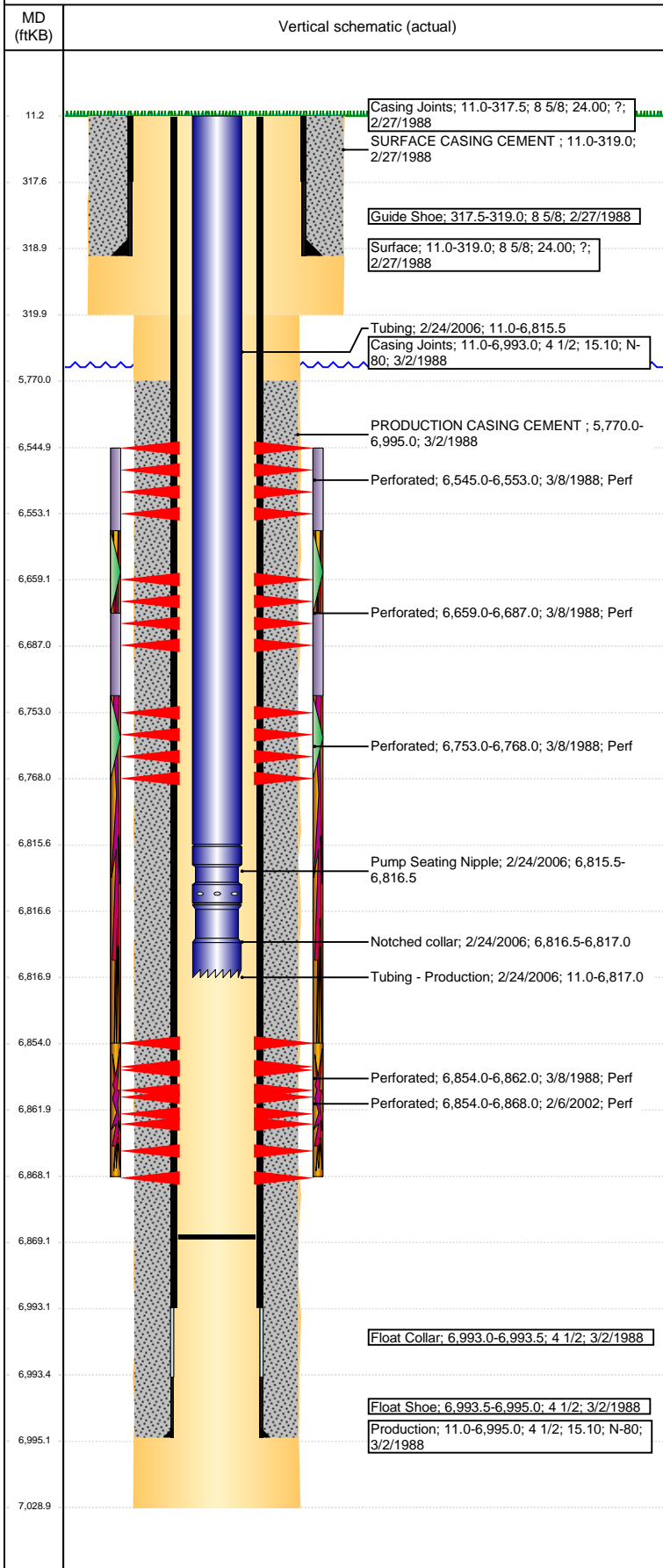


**Well Name: PLUMB B05-11**

VERTICAL - ORIGINAL HOLE, 4/18/2017 10:53:13 AM



## Well Header

API 05-123-13828	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,624	KB - GL / MSL (ftKB) 11.00	Spud Date 2/27/1988	P & A Date
Comment DISCREPANCY IN TD: DRL RPT 7010', ST RPT AND DEPTH LOGGER: 7029', USED 7029' FOR TD DISCREPANCY IN SURFACE CSG DEPTH: DRL RPT 316' ST RPT, LOGS & NEW DRL RPTS 319' = USED 319' DISCREPANCY IN PROD CSG DEPTH: DRL RPT 6995', ST RPT 7029', USED 6995'			
Directions To Well			

## Congressional Location

Quarter 3 NE	Quarter 4 SW	Section 5	Township 5	Twntshp N/S Dir N	Range 64	Range E/W Dir 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
3/8/1988	6,952.0	CASED HOLE LOG	DEPTH LOGGER FROM CBL
2/24/2006	6,869.0	TAG	CLEAN OUT & LAND TBG

## Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11	320
PRODUCTION	7 7/8	320	7,029

## Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	4/1/1988	PR		DRILLING/CO...	
CODELL	4/1/1988	PR		DRILLING/CO...	
CODELL	3/5/2002	PR		RE-FRAC, 2/5/...	

## Casing Strings

### Surface, 319.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	2/27/1988	8 5/8	24.00	?	11.0	319.0

### Production, 6,995.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	3/2/1988	4 1/2	15.10	N-80	11.0	6,995.0

## Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	319.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	5,770.0	6,995.0

## Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	2/24/2006	2 3/8	2.00	4.70	J-55	6,806.00	

## 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	220	6,804.50	6,815.5	
Pump Seating Nipple	2 3/8	1.10			1.00	6,816.5	
Notched collar	2 3/8				0.50	6,817.0	

## Other In Hole

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

## Logs

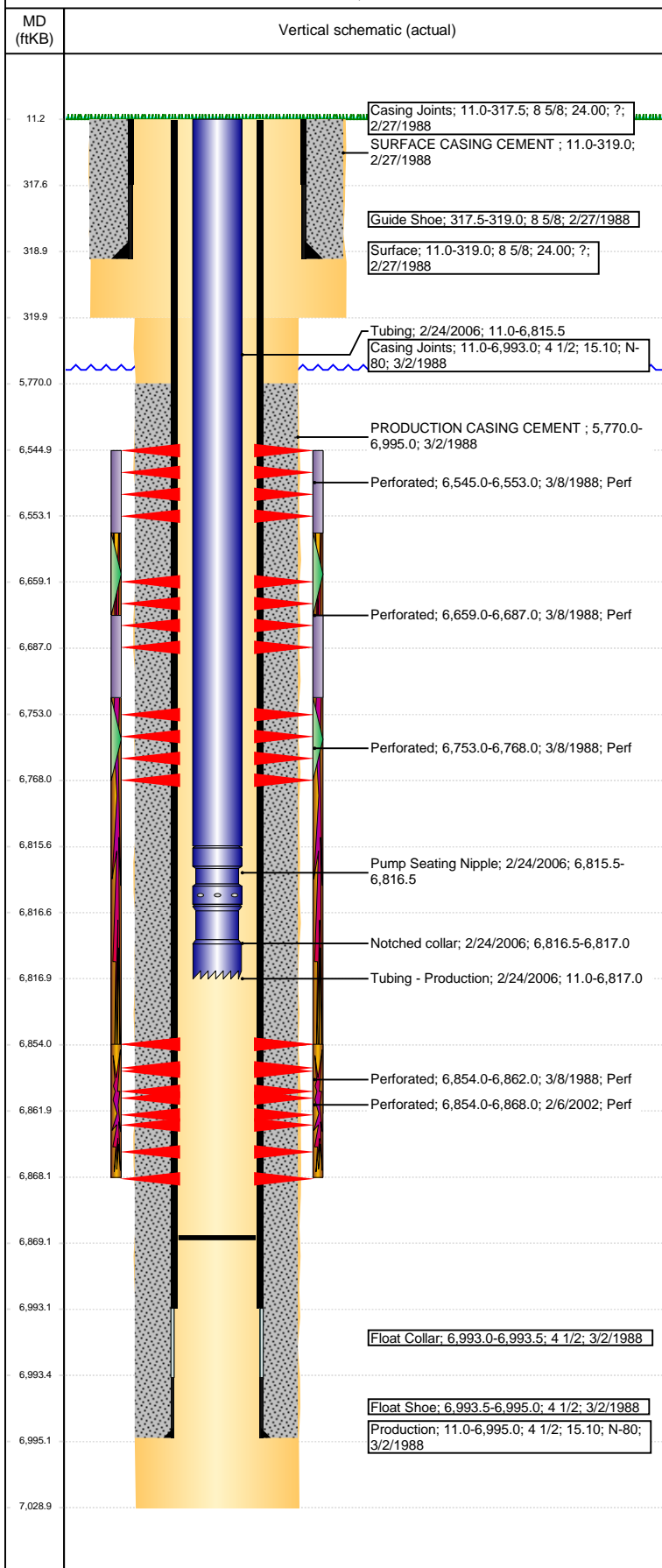
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
3/1/1988	COMPENSATED DENSITY	3,470.0	7,028.0
3/1/1988	INDUCTION	319.0	7,029.0
3/8/1988	CEMENT BOND	5,570.0	6,948.0
10/26/2015	GYRO	10.0	6,750.0

## Perforation Data

Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	2	6,545.00	6,553.00	3/8/1988

**Well Name: PLUMB B05-11**

VERTICAL - ORIGINAL HOLE, 4/18/2017 10:53:15 AM



Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	B	5	6,659.00	6,687.00	3/8/1988
NIOBRARA, ORIGINAL HOLE	C	2	6,753.00	6,768.00	3/8/1988
CODELL, ORIGINAL HOLE		6	6,854.00	6,862.00	3/8/1988
CODELL, ORIGINAL HOLE		60	6,854.00	6,868.00	2/6/2002
Total (Sum)		75			
Stimulation Intervals					
Start Date		Primary Job Type			
3/28/1988		DRILLING/COMPLETION - ORIGINAL			
Technical Result		Tech Result Details		Tech Result Note	
Comment					
Start Date		Primary Job Type			
3/30/1988		DRILLING/COMPLETION - ORIGINAL			
Technical Result		Tech Result Details		Tech Result Note	
Comment					
Start Date		Primary Job Type			
2/21/2002		RE-FRAC			
Technical Result		Tech Result Details		Tech Result Note	
Comment					