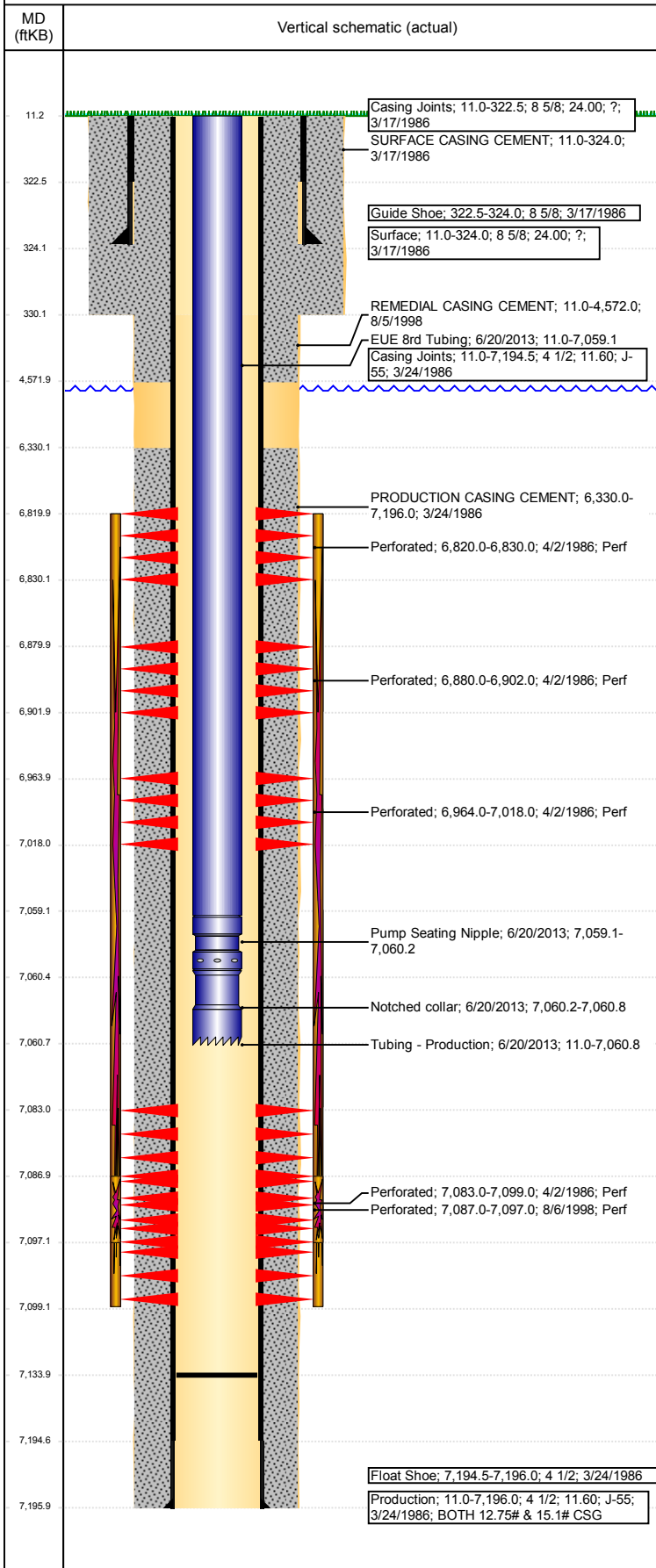


**Well Name: CPC MARK 35-02**

VERTICAL - ORIGINAL HOLE, 4/25/2017 3:44:58 PM



## Well Header

API 05-123-13016	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,802	KB - GL / MSL (ftKB) 11.00	Spud Date 3/17/1986	P & A Date

## Comment

DISCREPANCY - DRL RPT TD@7190 CSG SET @7196

BOTH 12.75# & 15.1# CSG IN PRODUCTION CSG STRING. FROM SURFACE TO 4050' IS 12.75#, FROM 4050' TO BOTTOM IS 15.1#.

## Directions To Well

WCR 40 & WCR 47, SOUTH 0.3, WEST 0.1 INTO

## Congressional Location

Quarter 3 SE	Quarter 4 NE	Section 35	Township 4	Twnshp N/S Dir N	Range 65	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
4/1/1986	7,104.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
8/12/1998	7,213.0	TAG	CLEAN OUT TO LAND TUBING
6/4/2013	7,134.0	TUBING TALLY	

## Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11	330
PRODUCTION	7 7/8	330	7,196

## Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	4/24/1986	PR	Water	DRILLING/CO...	Flowing
NIOBRARA	4/23/2010	PR		HORIZONTAL...	
NIOBRARA	6/4/2013	SI		DRILLING/CO...	
CODELL	4/24/1986	PR	Water	RE-FRAC, 8/1/...	Flowing
CODELL	8/13/1998	PR		HORIZONTAL...	
CODELL	4/23/2010	PR			
CODELL	6/4/2013	SI			
CODELL	10/27/2016	SI			
NIOBRARA-C...	4/23/2010	PR	Water		Flowing

## Casing Strings

### Surface, 324.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	3/17/1986	8 5/8	24.00	?	11.0	324.0

### Production, 7,196.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	3/24/1986	4 1/2	11.60	J-55	11.0	7,196.0

## Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	324.0
PRODUCTION CASING CEMENT	6,330.0	7,196.0
REMEDIAL CASING CEMENT	11.0	4,572.0

## Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	8/12/1998	2 3/8	2.00	?		7,072.00	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	6/20/2013	2 3/8	2.00	4.70	J-55	7,049.82	

## Tubing Components

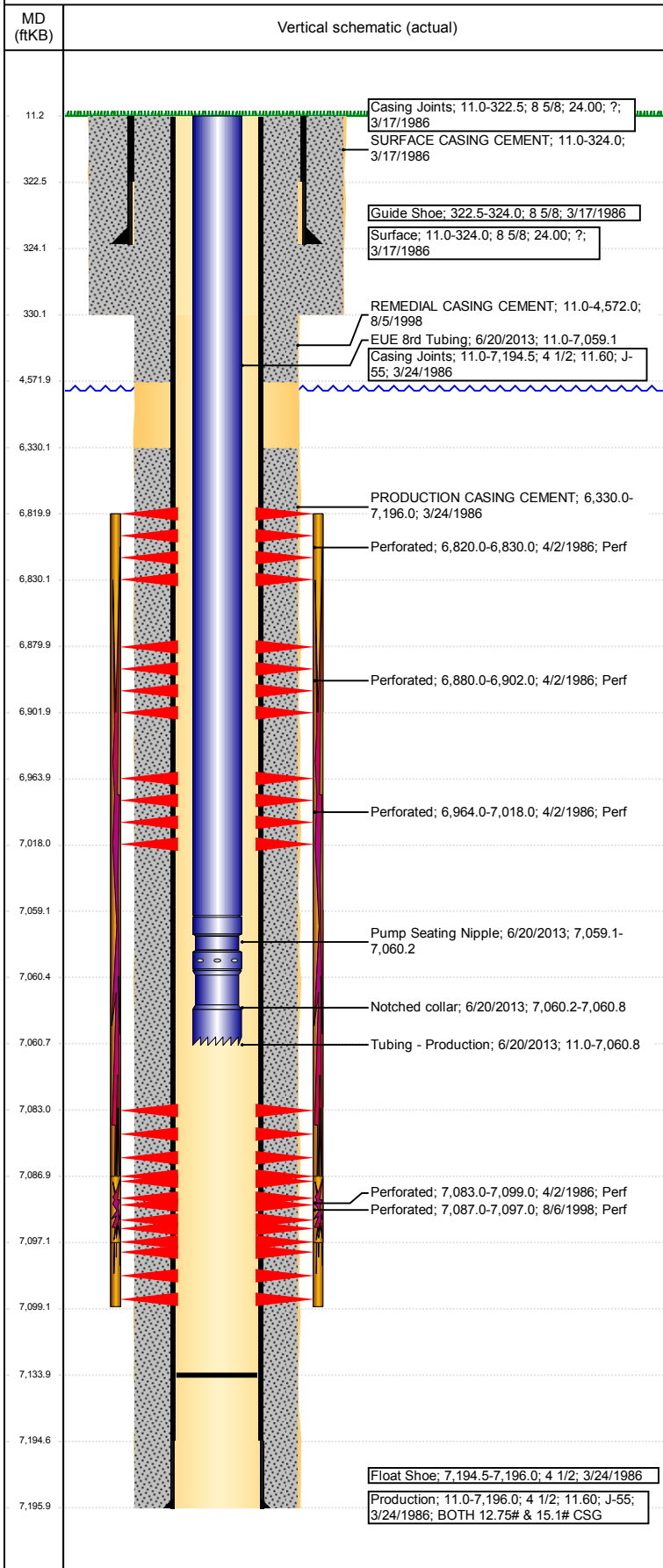
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	228	7,048.12	7,059.1	
Pump Seating Nipple	2 3/8	1.10		1	1.10	7,060.2	
Notched collar	2 3/8			1	0.60	7,060.8	

## Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
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**Well Name: CPC MARK 35-02**

VERTICAL - ORIGINAL HOLE, 4/25/2017 3:44:59 PM



Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
3/23/1986	COMPENSATED POROSITY	4,349.0	7,209.0
3/23/1986	INDUCTION	302.0	7,209.0
4/1/1986	CEMENT BOND	6,250.0	7,102.0
6/28/2011	GYRO	11.0	7,050.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	2	6,820.00	6,830.00	4/2/1986
NIOBRARA, ORIGINAL HOLE	B	4	6,880.00	6,902.00	4/2/1986
NIOBRARA, ORIGINAL HOLE	C	4	6,964.00	7,018.00	4/2/1986
CODELL, ORIGINAL HOLE		7	7,083.00	7,099.00	4/2/1986
CODELL, ORIGINAL HOLE		40	7,087.00	7,097.00	8/6/1998
<b>Total (Sum)</b>		<b>57</b>			

Stimulation Intervals		
Start Date	Primary Job Type	
4/2/1986	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Comment		
PUMPED 48 BBLS 7.5% HCL INTO CDL/NIO THEN PERF'D		
Start Date	Primary Job Type	
4/5/1986	DRILLING/COMPLETION - ORIGINAL	
Technical Result	Tech Result Details	Tech Result Note
Failure	Screen-Out	
Comment		
LIMITED ENTRY WELL SCREENED OUT ON 6PPG STAGE, SI FOR 12 HOURS BEFORE FLOWBACK		
Start Date	Primary Job Type	
8/11/1998	RE-FRAC	
Technical Result	Tech Result Details	Tech Result Note
Comment		