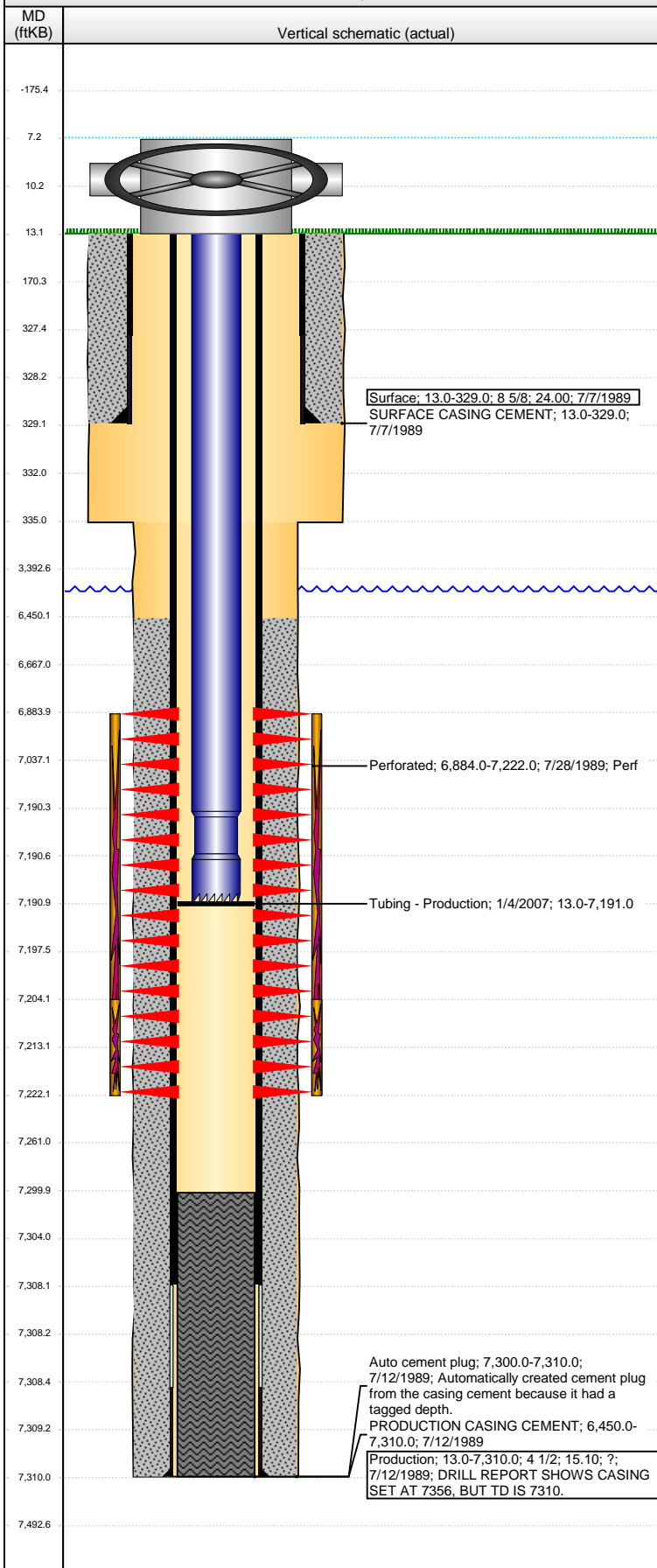


Well Name: BERNHARDT PMO12- 4

VERTICAL - ORIGINAL HOLE, 3/16/2015 1:43:21 PM



Well Header

API	Business Unit	District	Well Config
05-123-14301	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,749.00	13.00	7/6/1989	

Comment
DISCREPANCY IN TD: DR RPT READS 7310' & 7362'; ST RPT READS 7310'

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		NW	NW	12	4	N	67	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
7/12/1989	7,300.0	FLOAT COLLAR	
7/17/1989	7,300.0	CASED HOLE LOG	
12/29/2006	7,191.0	TAG	

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	13.0	335.0
PRODUCTION	7 7/8	335.0	7,310.0

Zone Statuses

Zone Name	Status Date	Status	Job
CODELL	8/7/1989	PR	DRILLING/COMPLETION - ORIGINAL, 7/6/1989 00:00
CODELL	4/3/2000	PR	RE-FRAC, 2/29/2000 00:00
CODELL	2/5/2007	PR	TRI-FRAC, 12/6/2006 00:00
NIOBRARA	8/7/1989	PR	DRILLING/COMPLETION - ORIGINAL, 7/6/1989 00:00

Casing Strings

Surface, 329.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	7/7/1989	8 5/8	24.00		13.0	329.0

Production, 7,310.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	7/12/1989	4 1/2	15.10	?	13.0	7,310.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	13.0	329.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	6,450.0	7,310.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	1/4/2007	2 3/8	1.995	4.70	J-55	7,178.00	

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	218	7,177.30	7,190.3	
Notched collar	2 3/8			1	0.70	7,191.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA-CODELL, ORIGINAL...		17	6,884.00	7,222.00	7/28/1989

Stimulations & Treatments

Date	Zone	Primary Job Type
8/3/1989	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
3/31/2000	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note

Comment

Well Name: BERNHARDT PMO12- 4

VERTICAL - ORIGINAL HOLE, 3/16/2015 1:43:23 PM

Stimulations & Treatments

Date 12/19/2006	Zone CODELL, ORIGINAL HOLE	Primary Job Type TRI-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)
7/11/1989	COMPENSATED DENSITY	3,550.0	7,359.0
7/17/1989	CBL/CCL/GR	6,350.0	7,295.0

