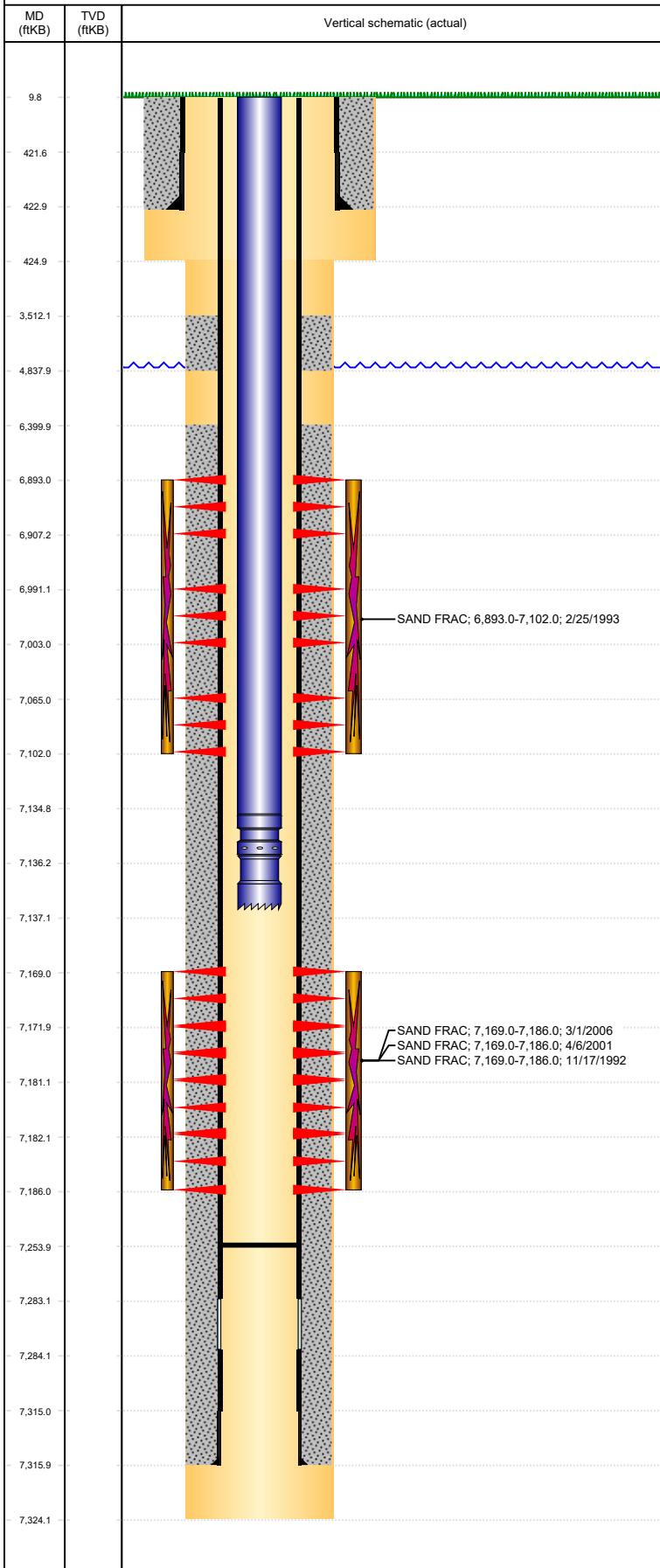


Well Name: VANDLEN 2-20

VERTICAL, ORIGINAL HOLE, 5/2/2022 10:03:05 AM



Well Header

API 05-123-16399	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,774	KB - GL / MSL (ftKB) 10.00	Spud Date 11/3/1992	P & A Date

Comment

Directions To Well

Congressional Location

Quarter 3 NW	Quarter 4 NE	Section 20	Township 4	Twntshp N/S Dir N	Range 65	Range E/W Dir W
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Bottom Hole Legal Location

Bottom Hole Legal Location

Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
11/9/1992	7,267.0	CASING TALLY	TOP OF FLOAT COLLAR
11/16/1992	7,214.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
3/4/2010	7,254.0	TAG	BAIL FILL FROM 7175 TO 7254

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10	425
PRODUCTION	7 7/8	425	7,324

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	2/28/1993	PR		RECOMPLETI...	Flowing
CODELL	11/20/1992	PR		DRILLING/CO...	Flowing
CODELL	4/18/2001	PR		RE-FRAC, 3/30...	Flowing
CODELL	3/14/2006	PR		TRI-FRAC, 2/2...	Flowing

Casing Strings

Surface, 423.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	11/3/1992	8 5/8	24.00		10.0	423.0

Production, 7,316.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	11/9/1992	4 1/2	11.60	I-70	10.0	7,316.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	423.0
PRODUCTION CASING CEMENT	3,512.0	4,838.0
PRODUCTION CASING CEMENT	6,400.0	7,316.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
PRODUCTION TUBING	3/10/2006	2 3/8				7,137.00	

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
TUBING, J-55, 4.7	2 3/8			218	7,135.00	7,145.0	
SEATING NIPPLE, ,	2 3/8			1	1.00	7,146.0	
NOTCHED COLLAR, ,	2 3/8			1	1.00	7,147.0	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
PRODUCTION TUBING	3/4/2010	2 3/8	2.00	4.70	J-55	7,127.00	

Tubing Components

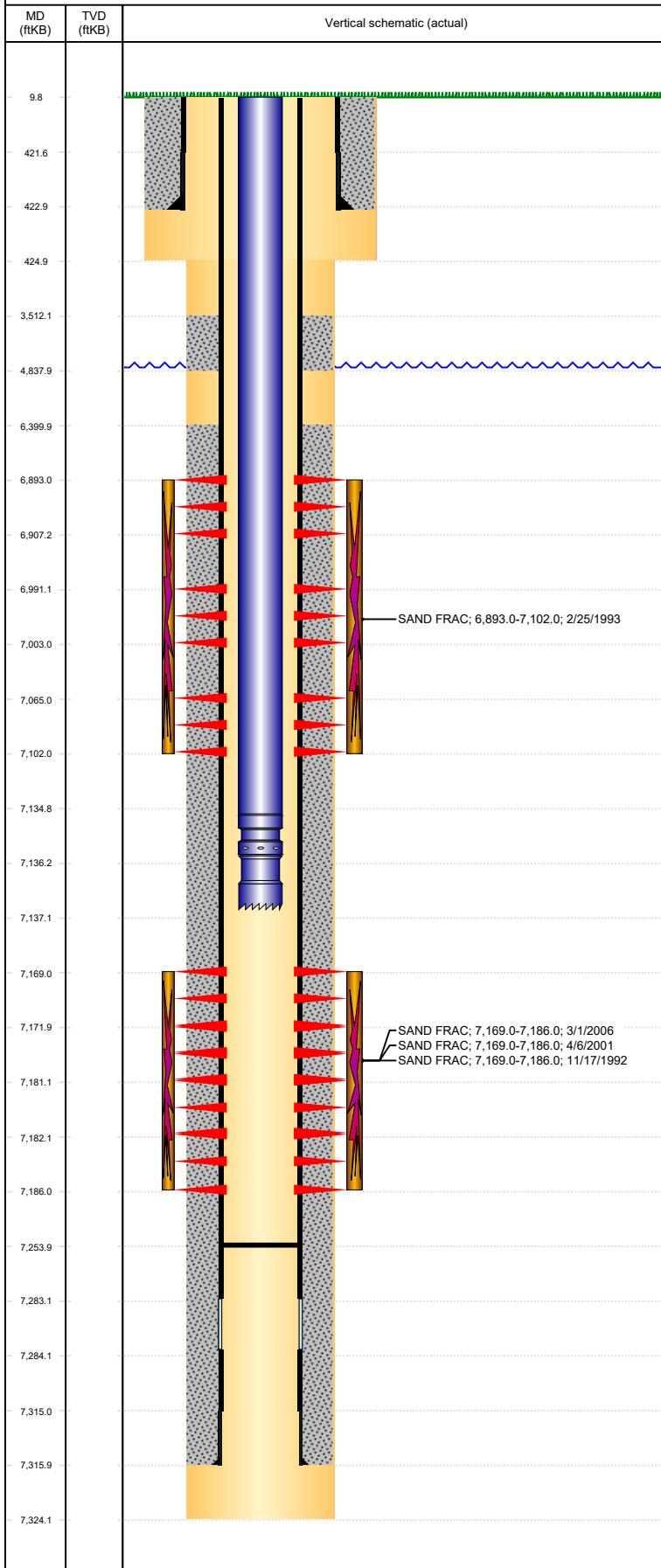
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	4.70	J-55	224	7,125.00	7,135.0	
Pump Seating Nipple	2 3/8			1	1.00	7,136.0	
Notched collar	2 3/8			1	1.00	7,137.0	

Other In Hole

Run Date	Des	Make	OD (in)	Top (ftKB)	Btm (ftKB)	Pr op R un ?

Well Name: VANDLEN 2-20

VERTICAL, ORIGINAL HOLE, 5/2/2022 10:03:05 AM



Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
11/9/1992	INDUCTION	423.0	7,308.0
11/10/1992	COMPENSATED DENSITY	4,350.0	7,321.0
11/16/1992	CEMENT BOND	3,350.0	7,208.0

Perforation Data					
Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	14	6,893.00	6,907.00	2/23/1993
NIOBRARA, ORIGINAL HOLE	B	12	6,991.00	7,003.00	2/23/1993
NIOBRARA, ORIGINAL HOLE	C	37	7,065.00	7,102.00	2/23/1993
CODELL, ORIGINAL HOLE		24	7,169.00	7,181.00	11/16/1992
CODELL, ORIGINAL HOLE		20	7,172.00	7,182.00	4/3/2001
CODELL, ORIGINAL HOLE		4	7,182.00	7,186.00	11/16/1992
Total		111			

Stimulation Intervals			
Interval...	Start Date	Primary Job Type	Zone
1	11/17/1992	DRILLING/COMPLETION - ORIGINAL	CODELL, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note
Comment CODELL			
1	2/25/1993	RECOMPLETION	NIOBRARA, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note
Comment NIOBRARA RECOMPLETE			
1	4/6/2001	RE-FRAC	CODELL, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note
Comment CODELL REFRAC			
1	3/1/2006	TRI-FRAC	CODELL, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note
Comment CODELL TRIFRAC			