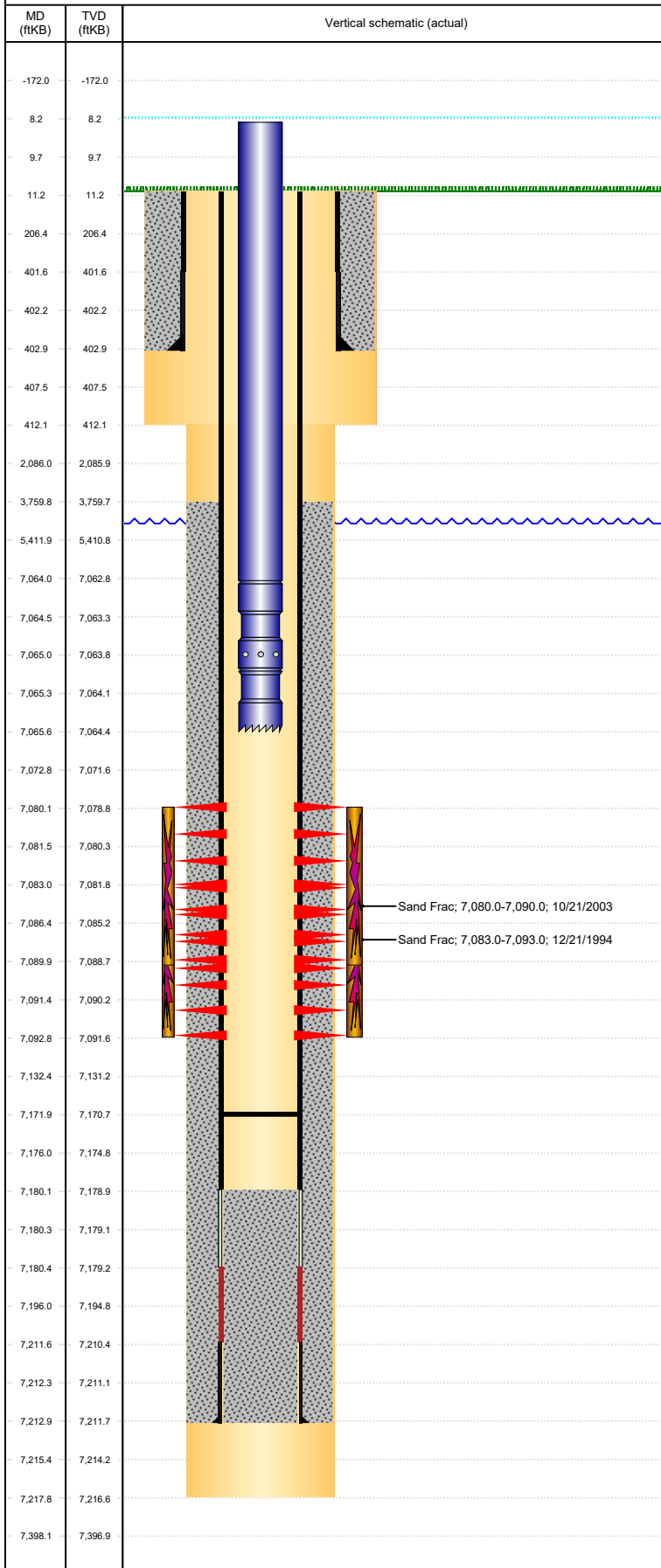


Well Name: BARNARD 04-23

VERTICAL, ORIGINAL HOLE, 1/10/2022 9:16:24 AM



Well Header

API 05-123-18550	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,686	KB - GL / MSL (ftKB) 11.00	Spud Date 11/25/1994	P & A Date

Comment
DISCREPANCY: DR RPT TD DATE 11/29/1994; ST RPT TD DATE 11/28/1994

Directions To Well
RD 41 & RD 50 EAST 2/10 TO EAST SIDE OF HOUSE SOUTH THUR FARM
YARD 2/10 WEST 25 FT. SOUTH 1/10 INTO STAY OFF OF THE EAST SIDE OF WELL

Congressional Location

Quarter 3 SW	Quarter 4 NW	Section 4	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
11/30/1994	7,180.0	CASING TALLY	TOP OF FLOAT COLLAR
12/12/1994	4,755.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
10/22/2003	7,172.0	TAG	CLEAN OUT TO LAND TUBING

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11	412
PRODUCTION	7 7/8	412	7,218

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	12/27/1994	PR		DRILLING/CO...	
CODELL	12/27/1994	PR	Oil		Flowing
CODELL	11/11/2003	PR		RE-FRAC, 10/1...	
CODELL	4/26/2010	PR	Water		Flowing

Casing Strings

Surface, 403.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	11/25/1994	8 5/8	24.00	J-55	11.0	403.0

Production, 7,213.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	11/29/1994	4 1/2	12.60	N-80	11.0	7,213.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	403.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	3,760.0	7,213.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	10/22/2003	3	2 3/8	2.00	4.70	?	7,038.00

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	4.70	?	226	7,038.00	7,049.0	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	4/3/2013	3	2 3/8	1.78	1.10	X	1.70

Tubing Components

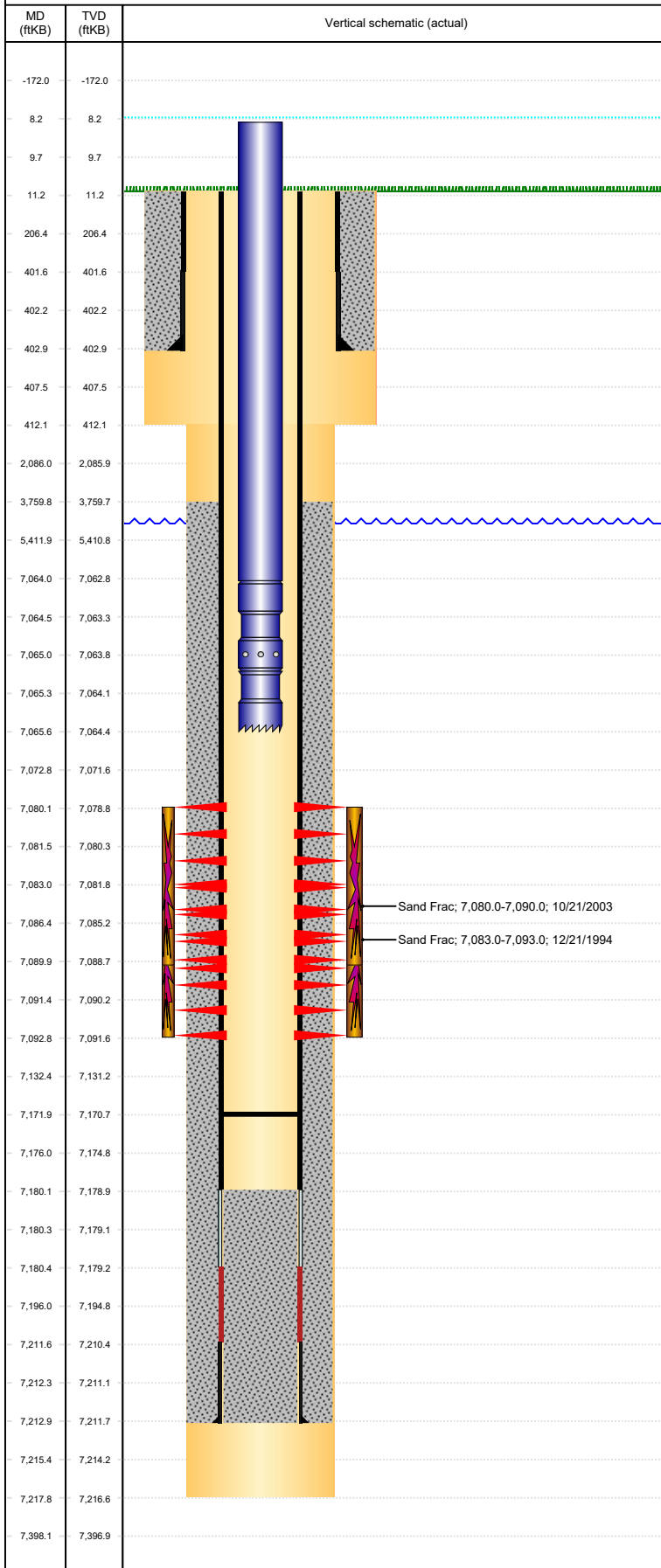
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	229		6,347.3	6,346.1
Pump Seating Nipple	2 3/8	1.10	X	1	1.10	6,348.4	6,347.2
Notched collar	2 3/8	5.00	X	1	0.60	6,349.0	6,347.8
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	11/15/2013	3	2 3/8	2.00	4.70	J-55	7,057.40

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	7,055.70	7,064.0	
Pump Seating Nipple	2 3/8	1.10	X	1	1.10	7,065.1	
Notched collar	2 3/8	4.70	X	1	0.60	7,065.7	

Well Name: BARNARD 04-23

VERTICAL, ORIGINAL HOLE, 1/10/2022 9:16:24 AM



Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
11/29/1994	COMPENSATED DENSITY	370.0	7,230.0
11/29/1994	INDUCTION	370.0	7,230.0
12/12/1994	CEMENT BOND	3,490.0	4,751.0
11/1/2011	GYRO	11.0	7,000.0

Perforation Data

Linked Zone	Bnch/St g	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE		40	7,080.00	7,090.00	10/18/2003
CODELL, ORIGINAL HOLE		40	7,083.00	7,093.00	12/16/1994
Total		80			

Stimulation Intervals

Interval...	Start Date	Primary Job Type	Zone
1	12/21/1994	DRILLING/COMPLETION - ORIGINAL	CODELL, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note

Comment

Interval...	Start Date	Primary Job Type	Zone
1	10/21/2003	RE-FRAC	CODELL, ORIGINAL HOLE
Technical Result		Tech Result Details	Tech Result Note

Comment