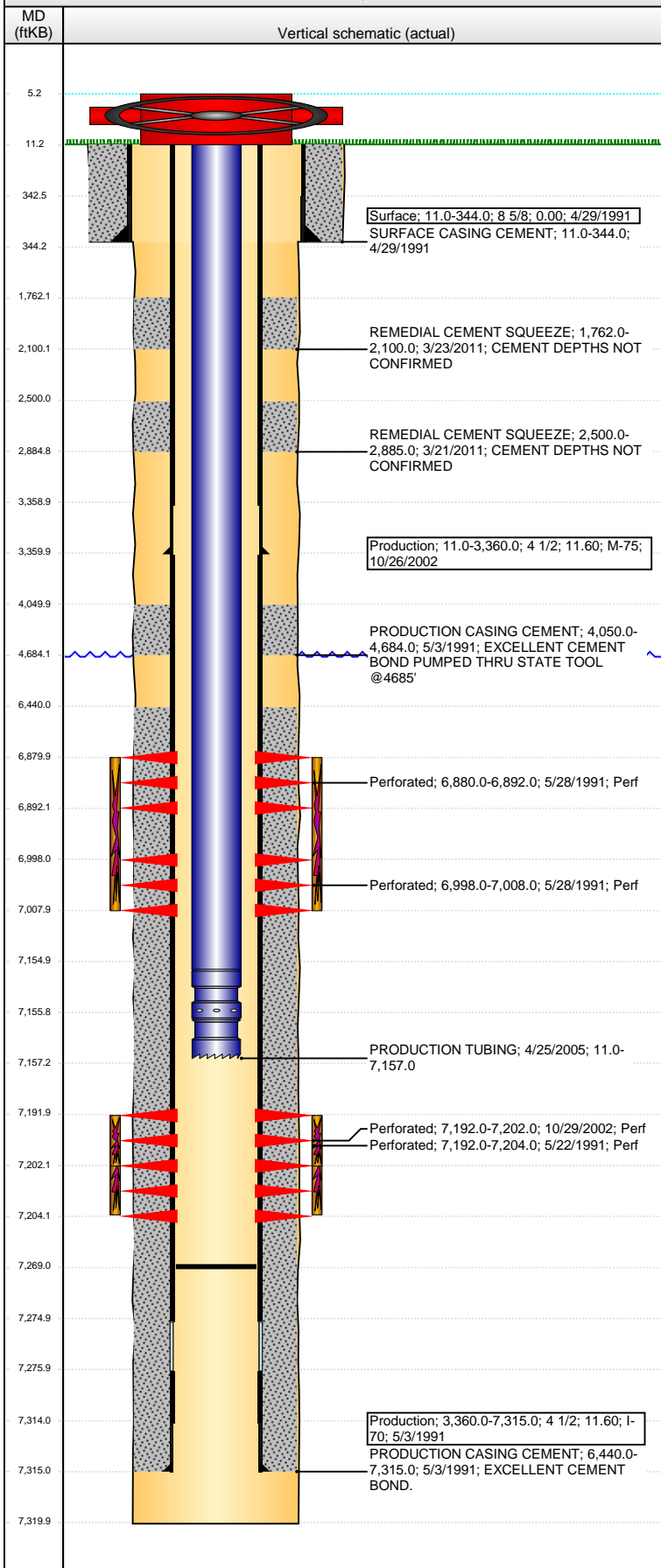


Well Name: MCCARTHY FEDERAL 12-12

VERTICAL - ORIGINAL HOLE, 7/15/2014 1:43:35 PM



Well Header

API	Business Unit	District	Well Config
05-123-14990	WATTENBERG	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,725.00	11.00	4/29/1991	

Comment
STAGE TOOL @ 4685'. FILE HAS CEMENT TICKETS FOR SQUEEZE JOB FROM 3/2011 BUT THERE ARE NO RECORDS FROM ANADARKO OUTLINING THE JOB. UNCERTAIN OF EXACT CEMENT DEPTHS SO RUN CBL TO CONFIRM.

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SW	NW	12		4 N	66	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
5/4/1991	7,275.0	CASING TALLY	
10/28/2002	7,269.0	TAG	CLEANOUT

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	11.0	344.0
PRODUCTION	7 7/8	344.0	7,320.0

Zone Statuses

Zone Name	Status Date	Status	Job
NIOBRARA	6/12/1991	PR	DRILLING/COMPLETION - ORIGINAL, 4/29/1991 00:00
CODELL	1/12/1995	PR	DRILLING/COMPLETION - ORIGINAL, 4/29/1991 00:00
CODELL	11/19/2002	PR	RE-FRAC, 10/18/2002 00:00

Casing Strings

Surface, 344.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	4/29/1991	8 5/8			11.0	344.0

Production, 3,360.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	10/26/2002	4 1/2	11.60	M-75	11.0	3,360.0

Production, 7,315.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	5/3/1991	4 1/2	11.60	I-70	11.0	7,315.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	344.0
PRODUCTION CASING CEMENT	4,050.0	4,684.0
PRODUCTION CASING CEMENT	6,440.0	7,315.0
REMEDIAL CEMENT SQUEEZE	2,500.0	2,885.0
REMEDIAL CEMENT SQUEEZE	1,762.0	2,100.0

Tubing Components

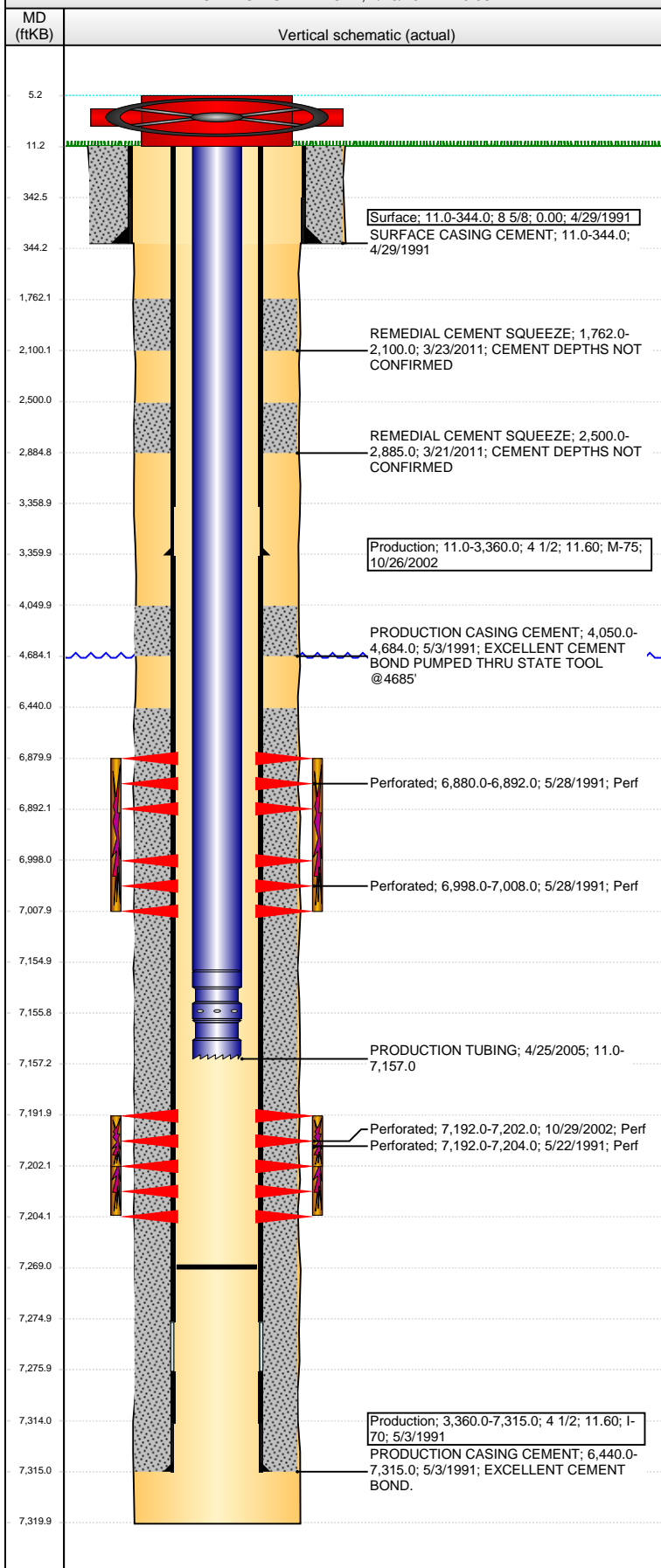
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Tubing	2 3/8	4.70	J-55	223	7,144.00	7,155.0	
Seal Nipple	2 3/8			1	1.00	7,156.0	
Notched collar	2 3/8			1	1.00	7,157.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	5	6,880.00	6,892.00	5/28/1991
NIOBRARA, ORIGINAL HOLE	B	10	6,998.00	7,008.00	5/28/1991
CODELL, ORIGINAL HOLE		24	7,192.00	7,204.00	5/22/1991
CODELL, ORIGINAL HOLE		20	7,192.00	7,202.00	10/29/2002

Well Name: MCCARTHY FEDERAL 12-12

VERTICAL - ORIGINAL HOLE, 7/15/2014 1:43:38 PM



Stimulations & Treatments

Date	Zone	Primary Job Type
5/23/1991	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Comment		
Date	Zone	Primary Job Type
6/5/1991	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Comment		
Date	Zone	Primary Job Type
11/1/2002	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Comment		
Date	Zone	Primary Job Type
11/1/2002		DRILLING/COMPLETION - ORIGINAL
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)
5/3/1991			