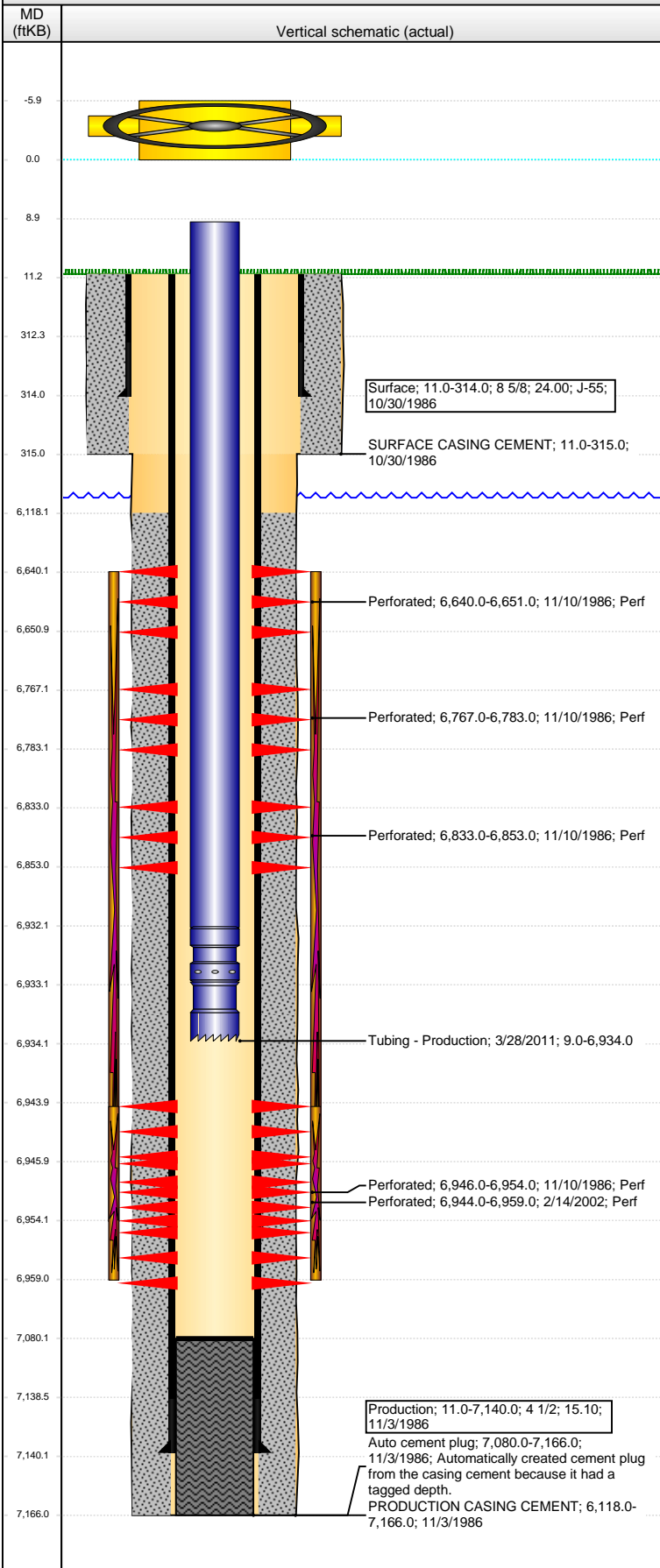


Well Name: COURTNEY E24-07

VERTICAL - ORIGINAL HOLE, 4/30/2013 9:52:49 AM



Well Header

API	Business Unit	District	Well Config
05-123-13229	WATTENBERG	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,690.00	11.00	10/29/1986	

Comment

Directions To Well

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SW	NE	24	6	N	65	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
11/3/1986	7,080.0	CASING TALLY	

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	11.0	315.0
PRODUCTION	7 7/8	315.0	7,166.0

Zone Statuses

Zone Name	Status Date	Status	Job
NIOBRARA-CODELL	12/22/1986	PR	DRILLING/COMPLETION - ORIGINAL, 10/29/1986 00:00
NIOBRARA-CODELL	3/13/2002	PR	RE-FRAC, 2/11/2002 00:00
CODELL	12/22/1986	PR	DRILLING/COMPLETION - ORIGINAL, 10/29/1986 00:00
CODELL	3/13/2002	PR	RE-FRAC, 2/11/2002 00:00
NIOBRARA	12/22/1986	PR	DRILLING/COMPLETION - ORIGINAL, 10/29/1986 00:00

Casing Strings

Surface, 314.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top (ftKB)	MD (ftKB)
Surface	10/30/1986	8 5/8	24.00	J-55	11.0	314.0

Production, 7,140.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top (ftKB)	MD (ftKB)
Production	11/3/1986	4 1/2	15.10		11.0	7,140.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	11.0	315.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	6,118.0	7,166.0

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	225	6,923.00	6,932.0	
Pump Seating Nipple	2 3/8			1	1.00	6,933.0	
Notched collar	2 3/8			0	1.00	6,934.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	2	6,640.00	6,651.00	11/10/1986
NIOBRARA, ORIGINAL HOLE	B	5	6,767.00	6,783.00	11/10/1986
NIOBRARA, ORIGINAL HOLE	C	5	6,833.00	6,853.00	11/10/1986
CODELL, ORIGINAL HOLE		64	6,944.00	6,959.00	2/14/2002
CODELL, ORIGINAL HOLE		5	6,946.00	6,954.00	11/10/1986

Stimulations & Treatments

Date	Zone	Primary Job Type
11/11/1986	NIOBRARA-CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

C/N FRAC'D LIMITED ENTRY

Date	Zone	Primary Job Type
3/11/2002	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note

Comment

CODELL REFRAC

Well Name: COURTNEY E24-07

VERTICAL - ORIGINAL HOLE, 4/30/2013 9:52:50 AM

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)

Logs

Date	Type	Top (ftKB)	Btm (ftKB)
11/3/1986	COMPENSATED DENSITY	3,500.0	7,090.0
11/3/1986	COMPUTER ANALYSIS LOG	3,500.0	7,090.0
11/3/1986	INDUCTION	314.0	7,090.0
11/10/1986	CEMENT BOND	5,900.0	6,999.0
2/7/2013	GYRO	11.0	6,400.0

