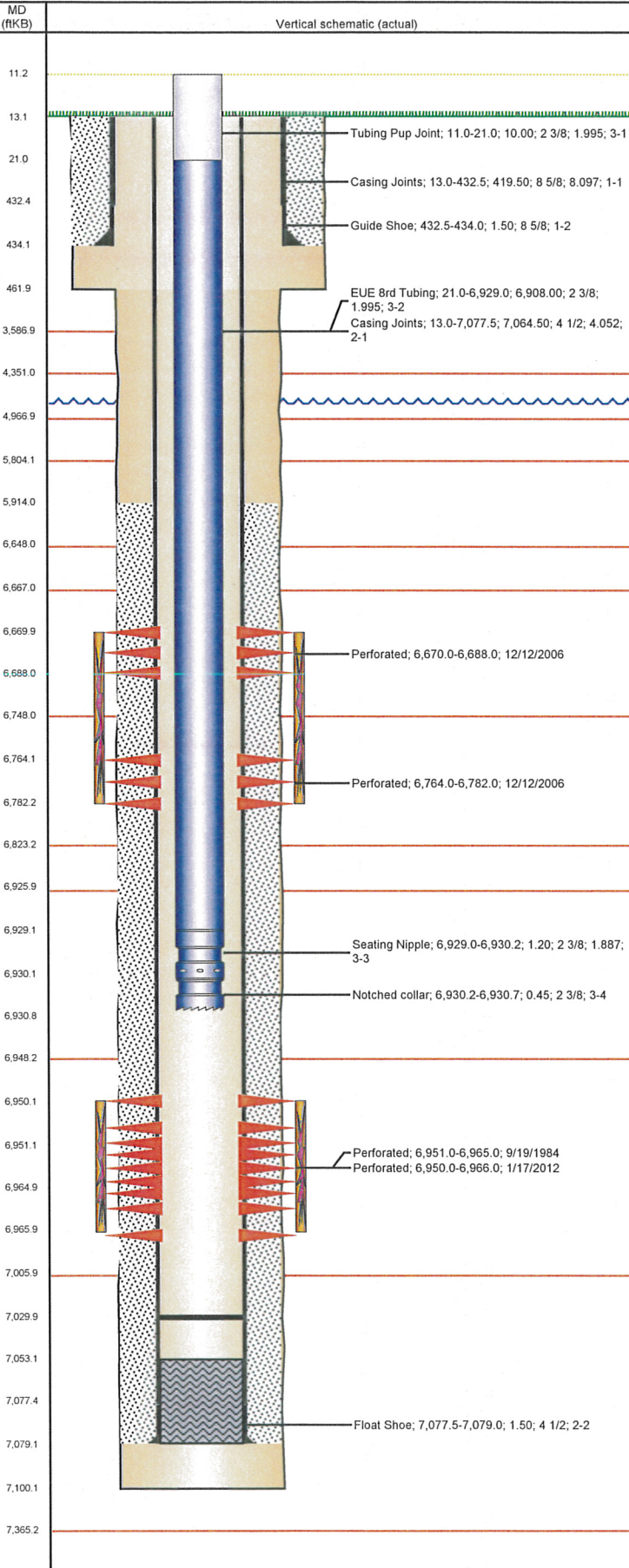


Well Name: SMITH 01

VERTICAL - ORIGINAL HOLE, 6/25/2012 1:40:28 PM



Well Header

API 05-123-11922	Business Unit WATTENBERG	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,758.00	KB - GL / MSL (ftKB) 13.00	Spud Date 9/5/1984	P & A Date
Comment			

Directions To Well

WCR 48 & 55, WEST 0.9, SOUTH 10', SOUTHWEST 0.1, EAST @ BATT. 500' INTO.

Current PBTD (ftKB)

ORIGINAL HOLE - 7,030.0

Surface Location (Congressional)

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twship N...	Range	Rng E/W Dir
		NW	NW	9	4	N	64	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
9/14/1984	7,082.0	CASED HOLE LOG	DEPTH LOGGER
9/15/1984	7,053.0	TAG	GUIDE SHOE

Wellbore Sections

Section Des	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	13.0	462.0
PRODUCTION	7 7/8	462.0	7,100.0

Zone Statuses

Zone Name	Status Date	Status	Job
NIOBRARA	3/7/2007	PR	RECOMPLETION, 12/8/2006 00:00
NIOBRARA	4/6/2007	PR	RECOMPLETION, 12/8/2006 00:00
CODELL	10/17/1984	PR	DRILLING/COMPLETION - ORIGINAL, 9/5/1984 00:00
CODELL	12/8/2006	SI	RECOMPLETION, 12/8/2006 00:00
CODELL	4/6/2007	PR	RECOMPLETION, 12/8/2006 00:00
CODELL	2/9/2012	PR	RE-FRAC, 1/13/2012 06:00

Casing Strings

Csg Des	Run Date	OD (in)	Wt/Len (lb/ft)	Grade	Top (ftKB)	Set Depth (ftKB)
Surface	9/6/1984	8 5/8	24.00		13.0	434.0
Production	9/12/1984	4 1/2	10.50		13.0	7,079.0

Cement

Des	Top (ftKB)	Btm (ftKB)
SURFACE CASING CEMENT	13.0	434.0
PRODUCTION CASING CEMENT	5,914.0	7,079.0

Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)
Tubing Pup Joint	2 3/8	4.70	J-55	1	10.00
EUE 8rd Tubing	2 3/8	4.70	J-55	224	6,908.00
Seating Nipple	2 3/8	5.40	J-55	1	1.20
Notched collar	2 3/8		J-55	1	0.45

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	108	6,670.0	6,688.0	12/12/2006
NIOBRARA, ORIGINAL HOLE	B	108	6,764.0	6,782.0	12/12/2006
CODELL, ORIGINAL HOLE		64	6,950.0	6,966.0	1/17/2012
CODELL, ORIGINAL HOLE		15	6,951.0	6,965.0	9/19/1984

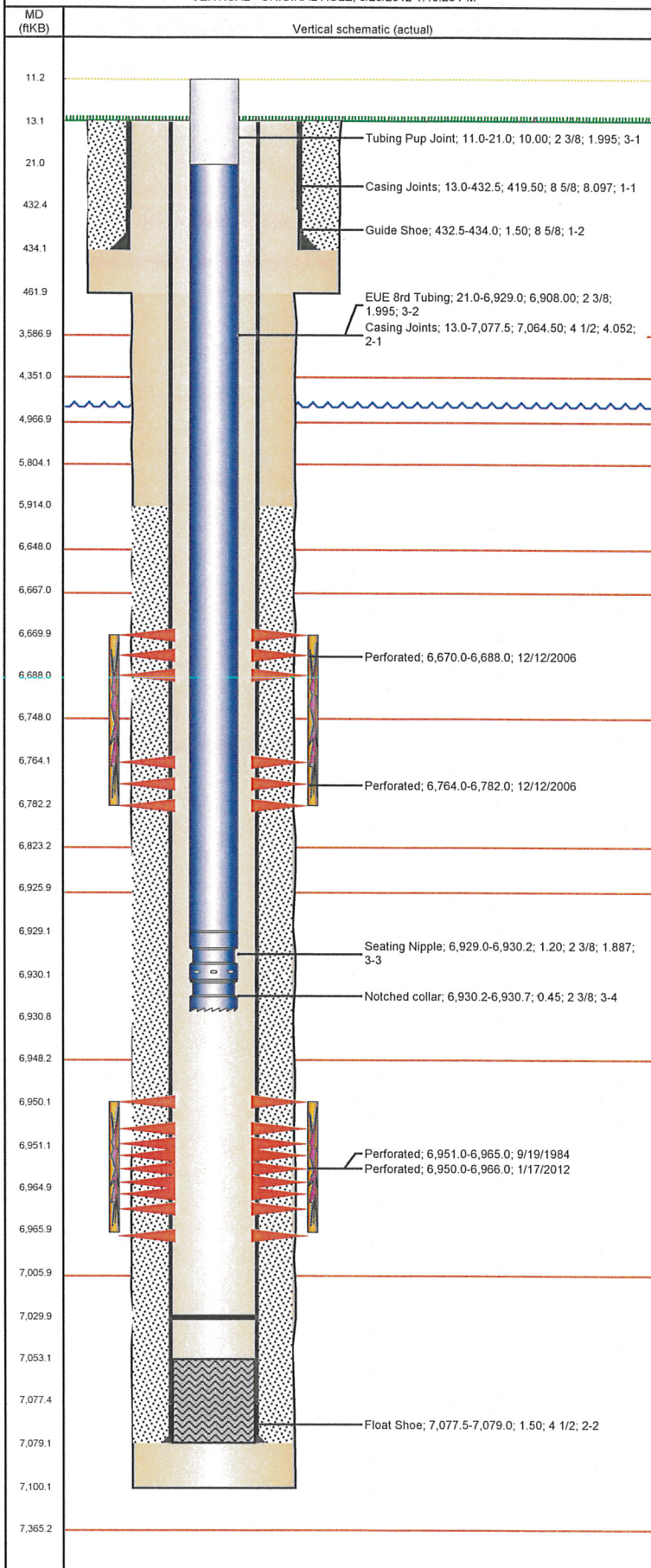
Stimulations & Treatments

Bnch/Stg	Date	Zone	Primary Job Type
	9/24/1984	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Comment			

Total Add Amount	Total Clean Volume...	Vol Slurry Tot (gal)	Vol Gas Tot (MCF)
Proppant Bulk Sand 131900 lb		97692.00	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
5,900.0	6,200.0	11.00	12.00

Well Name: SMITH 01

VERTICAL - ORIGINAL HOLE, 6/25/2012 1:40:28 PM



Stimulations & Treatments

Bnch/Stg	Date	Zone	Primary Job Type		
	3/6/2007	NIOBRARA, ORIGINAL HOLE	RECOMPLETION		
Comment					
Total Add Amount		Total Clean Volume...	Vol Slurry Tot (gal)	Vol Gas Tot (MCF)	
Proppant Ottawa 250420 lb			168882.00		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
6,910.0		7,505.0	26.50	25.60	
Bnch/Stg	Date	Zone	Primary Job Type		
	1/20/2012	CODELL, ORIGINAL HOLE	RE-FRAC		
Comment					
CODELL REFRAC : THE ANNULUS REQUIRED 44 BBLS TO LOAD AND 42 BBLS TO MAINTAIN POSITIVE PRESSURE ON THE ANNULUS . ISIP @ 136 BBLS AWAY = 2426 , 5 MIN = 1454 . INCREASED PUMP RATE TO 18 BPM . (POST-JOB , JOB WENT WELL NO ISSUES TO REPORT. FINAL ISIP = 3667 , FINAL FG = 0.96 , FINAL 5 MIN = 3040 .					
Total Add Amount		Total Clean Volume...	Vol Slurry Tot (gal)	Vol Gas Tot (MCF)	
Proppant Ottawa 249686 lb		132804.00	142968.00		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
5,300.0		5,667.0	18.10	18.30	
Other In Hole					
Run Date	Des		OD (in)	Top (ftKB)	Btm (ftKB)
Logs					
Date	Type		Top (ftKB)	Btm (ftKB)	
9/10/1984	COMPENSATED DENSITY		2,720.0	7,100.0	
9/10/1984	INDUCTION		434.0	7,100.0	
9/14/1984	CBL/CCL/GR		5,690.0	7,056.0	