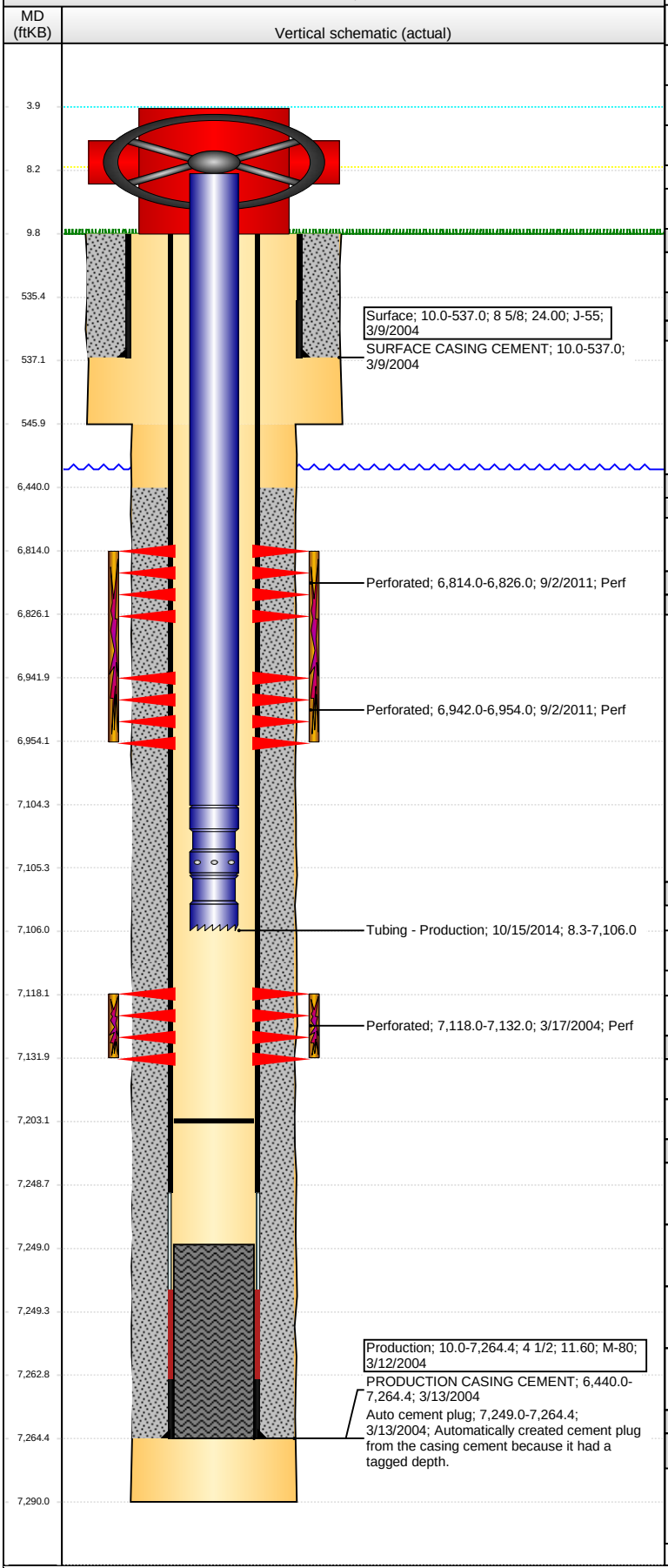
Wellbore Schematic Input Report

Well Name: FLATIRONS I36-04

VERTICAL - ORIGINAL HOLE, 10/10/2016 1:32:12 PM



Well Header

API	Business Unit	District	Well Config
05-123-21930	DJ BASIN	15	VERTICAL

Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,679	10.00	3/8/2004	

Comment: LOC TIGHT

Directions To Well: O STREET & 35TH AVE, S .2, E .1 INTO

Congressional Location

Quarter 3	Quarter 4	Section	Township	Twnshp N/S Dir	Range	Range E/W Dir
NW	NW	36	6	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
3/13/2004	7,249.0	CASING TALLY	SHOE JOINT
3/17/2005	7,222.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
4/13/2005	7,138.0	TAG	FISHED OUT BUMPER SPRING
9/19/2011	7,241.0	TAG	C/O LND TBG
9/15/2014	7,203.0	TAG	DID NOT CLEAN OUT

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	10	546
PRODUCTION	7 7/8	546	7,290

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	4/16/2004	PR	Oil	DRILLING/CO...	
CODELL	3/4/2010	PR	Water		Flowing
CODELL	9/3/2011	PR	Oil	RE-FRAC & R...	
CODELL	9/16/2014	TA		HORIZONTAL...	
CODELL	10/14/2014	PR		TUBING REPA...	
NIOBRARA	3/4/2010	PR	Water		Flowing
NIOBRARA	9/3/2011	PR	Oil	RE-FRAC & R...	
NIOBRARA	4/12/2013	PR			
NIOBRARA	9/16/2014	TA		HORIZONTAL...	
NIOBRARA	10/14/2014	PR		TUBING REPA...	

Casing Strings

Surface, 537.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Surface	3/9/2004	8 5/8	24.00	J-55	10.0	537.0

Production, 7,264.4ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Production	3/12/2004	4 1/2	11.60	M-80	10.0	7,264.4

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	10.0	537.0
PRODUCTION CASING CEMENT	6,440.0	7,264.4

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/19/2004	2 3/8	1.995	4.70	J-55	7,093.00	
Tubing - Production	9/19/2011	2 3/8	1.995	4.70	J-55	7,088.67	
Tubing	9/15/2014	2 3/8	1.995	4.70	J-55	6,097.99	
Tubing - Production	10/15/2014	2 3/8	1.995	4.70	J-55	7,097.70	

Tubing Components

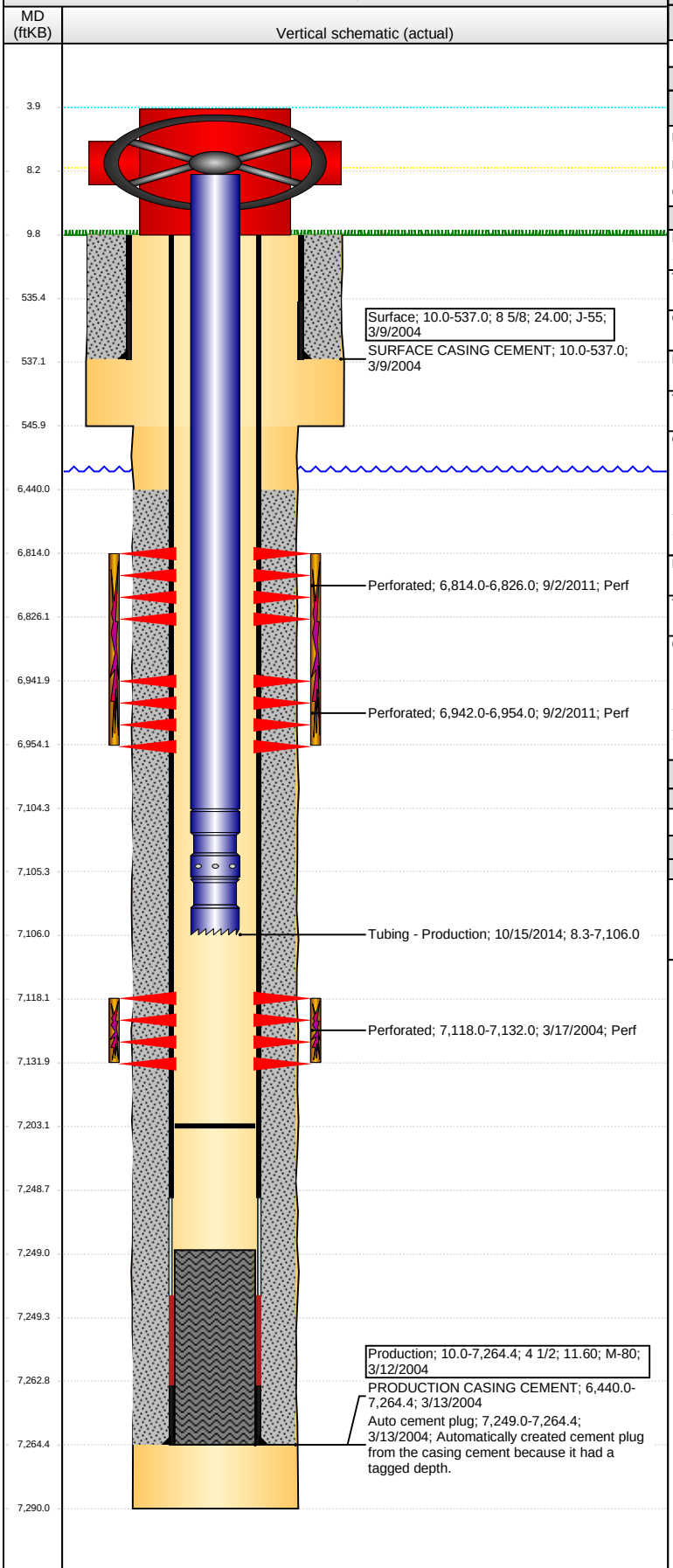
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	221	7,096.00	7,104.3	
Pump Seating Nipple	2 3/8	1.10	x	1	1.10	7,105.4	

Report Printed: 10/10/2016

Wellbore Schematic Input Report

Well Name: FLATIRONS I36-04

VERTICAL - ORIGINAL HOLE, 10/10/2016 1:32:14 PM



Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
Notched collar	2 3/8		x	1	0.60	7,106.0	

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	B	24	6,814.00	6,826.00	9/2/2011
NIOBRARA, ORIGINAL HOLE	C	24	6,942.00	6,954.00	9/2/2011
CODELL, ORIGINAL HOLE		56	7,118.00	7,132.00	3/17/2004

Stimulations & Treatments

Date	Zone	Primary Job Type
4/2/2004	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
9/2/2011	CODELL, ORIGINAL HOLE	RE-FRAC & RECOMPLETE

Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment

(CODELL RF) AFTER GETTING INITIAL WATER STRAPS FIND OUT WERE SHORT 200 BBL NO WAY FOR WATER HAULERS TO COME IN, RUN SAND .10 LB HIGH TO CONSERVATE WATER, OPERATIONAL JOB WENT WELL WITH NO ISSUES TO REPORT. AVG VISC= 21.9, AVG PH= 10.16, AVG TEMP= 68.75, AVG PRESSURE= 3231, AVG RATE= 13.20

Date	Zone	Primary Job Type
9/2/2011	NIOBRARA, ORIGINAL HOLE	RE-FRAC & RECOMPLETE

Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment

(NIO BC RECOMPLETE): AFTER GETTING WATER STRAPS WE WERE 100BBLS SHORT FOR THE JOB.TOOK 100BBLS OFF OF SLICKWATER PAD AND TOOK SAND DENSITYS UP A TENTH TO CONSERVE WATER.SUCKED AIR ON BLENDER DURING SLICKWATER PAD. AVG VISC=16.1, PH=10.41, TEMP=69.6, PRESSURE=4624, RATE=38.6.

Other In Hole

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

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
3/12/2004	COMPENSATED DENSITY	4,200.0	7,255.0
3/12/2004	INDUCTION	537.0	7,275.0
3/17/2004	CBL/CCL/GR	6,250.0	7,219.0

Report Printed: 10/10/2016