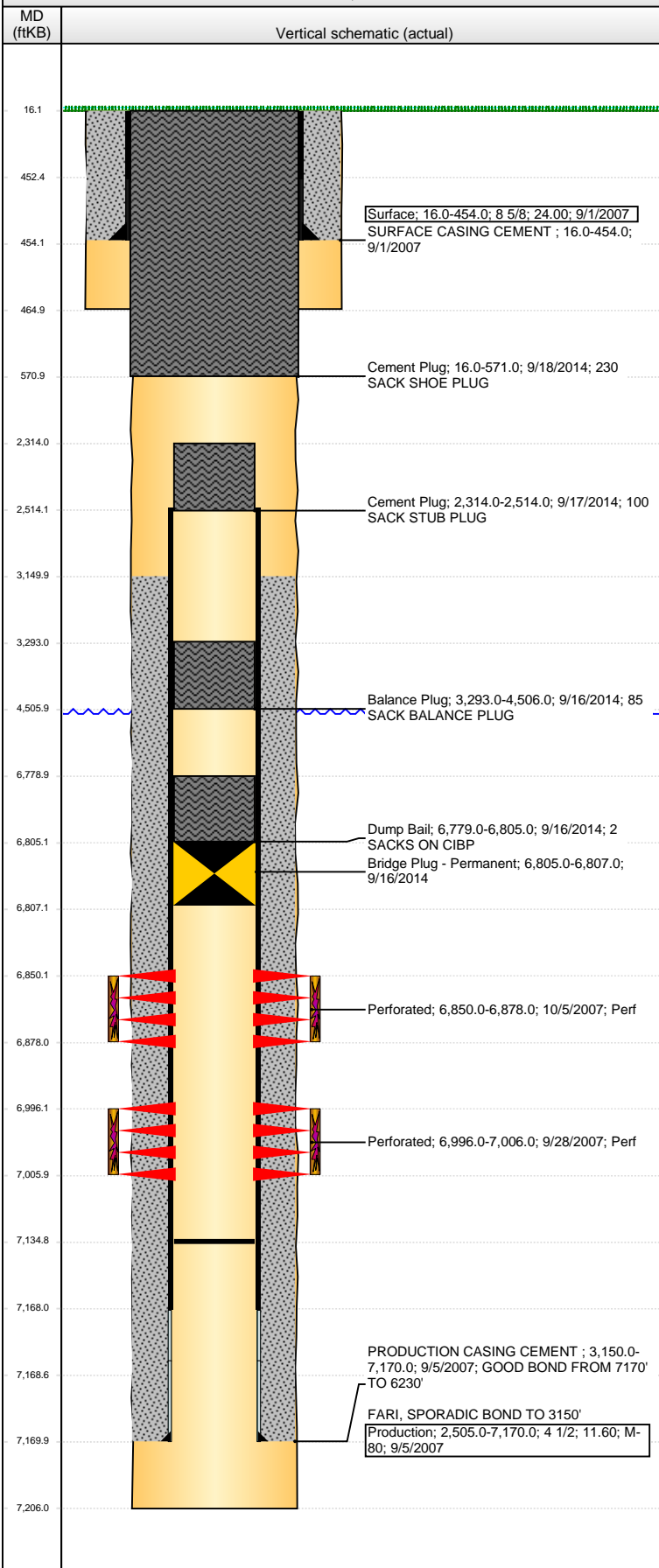


**Well Name: LOWER LATHAM 02-45**

VERTICAL - ORIGINAL HOLE, 10/10/2014 10:34:32 AM



## Well Header

API	Business Unit	District	Well Config
05-123-23961	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,704.00	16.00	8/31/2007	9/18/2014
Comment			

## Directions To Well

## Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		NE	SE	2	4	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
9/5/2007	7,154.0	TAG	FLOAT COLLAR
9/26/2007	7,135.0	CASED HOLE LOG	DEPTH LOGGER FROM CBL
8/6/2008	7,135.0	TAG	CLEAN OUT & LAND TBG

## Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	16.0	465.0
PRODUCTION	7 7/8	465.0	7,206.0

## Zone Statuses

Zone Name	Status Date	Status	Job
NIOBRARA	10/8/2007	PR	DRILLING/COMPLETION - ORIGINAL, 8/31/2007 00:00
NIOBRARA	9/8/2014	P&A	ABANDON WELL, 9/15/2014 10:00
CODELL	10/8/2007	PR	DRILLING/COMPLETION - ORIGINAL, 8/31/2007 00:00
CODELL	9/8/2014	P&A	ABANDON WELL, 9/15/2014 10:00

## Casing Strings

### Surface, 454.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	9/1/2007	8 5/8	24.00		16.0	454.0

### Production, 7,170.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	9/5/2007	4 1/2	11.60	M-80	16.0	7,170.0

## Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	16.0	454.0
PRODUCTION CASING CEMENT	3,150.0	7,170.0
Dump Bail	6,779.0	6,805.0
Balance Plug	3,293.0	4,506.0
Cement Plug	2,314.0	2,514.0
Cement Plug	16.0	571.0

## Tubing Components

Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)

## Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	B	112	6,850.00	6,878.00	10/5/2007
CODELL, ORIGINAL HOLE		40	6,996.00	7,006.00	9/28/2007

## Stimulations & Treatments

Date	Zone	Primary Job Type
10/5/2007	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

## Comment

**Well Name: LOWER LATHAM 02-45**

VERTICAL - ORIGINAL HOLE, 10/10/2014 10:34:35 AM

## Stimulations & Treatments

Date 10/5/2007	Zone NIOBRARA, ORIGINAL HOLE	Primary Job Type DRILLING/COMPLETION - ORIGINAL
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Technical Result	Tech Result Details	Tech Result Note
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Comment

## Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
9/16/2014	Bridge Plug - Permanent	3.99	6,805.0	6,807.0

## Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
9/4/2007	COMPENSATED DENSITY	3,580.0	7,178.0
9/4/2007	INDUCTION	454.0	7,198.0
9/26/2007	CBL/CCL/GR	3,000.0	7,133.0
9/25/2013	GYRO	16.0	6,950.0

