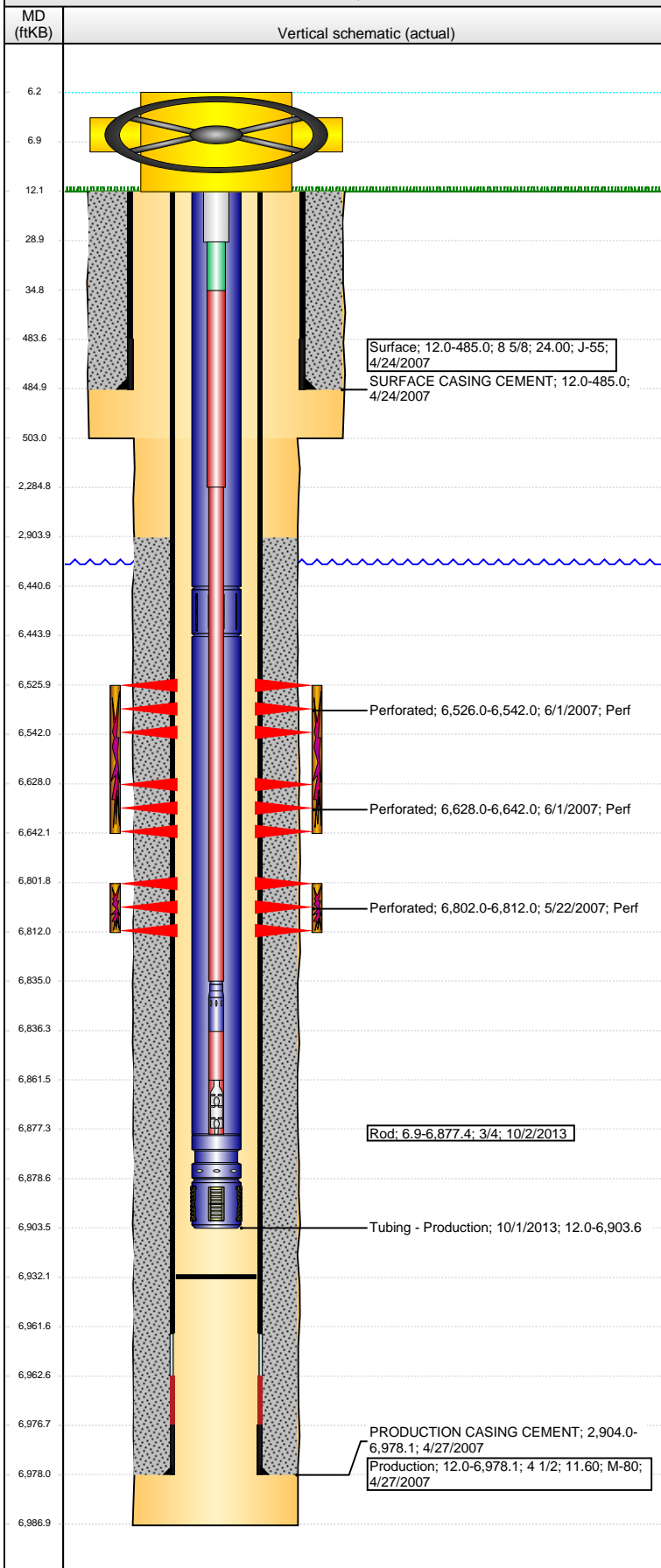


# Wellbore Schematic Input Report

**Well Name: WELLS RANCH USX AA23-25**

VERTICAL - ORIGINAL HOLE, 3/14/2016 10:37:21 AM



## Well Header

API 05-123-27347	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,818	KB - GL / MSL (ftKB) 12.00	Spud Date 4/23/2007	P & A Date

## Comment

STATE & DRILLING REPORT TD @ 7013', COMPLETIONS REPORT TD @ 6987'

## Directions To Well

CR 68 & 67 E .2, S 1.75, E .2 TO TB, E .4, N 1 MILE INTO

## Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		SW	SW	23	6	N	63	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
4/27/2007	6,961.7	CASING TALLY	TOP OF FLOAT COLLAR
5/22/2007	6,954.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
12/23/2009	6,966.0	TAG	
10/1/2013	6,932.0	TAG	NO C/O

## Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12.0	503.0
PRODUCTION	7 7/8	503.0	6,987.0

## Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	6/13/2007	PR	Oil	DRILLING/CO...	
NIOBRARA	6/13/2007	PR	Oil	DRILLING/CO...	

## Casing Strings

### Surface, 485.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Surface	4/24/2007	8 5/8	24.00	J-55	12.0	485.0

### Production, 6,978.1ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...	Grade	Top, MD (ft...	MD (ftKB)
Production	4/27/2007	4 1/2	11.60	M-80	12.0	6,978.1

## Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	12.0	485.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	2,904.0	6,978.1

## Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	6/8/2007	2 3/8	1.995	4.70	J-55	6,780.00	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	12/28/2009	2 3/8	1.995	4.70	J-55	6,893.55	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	5/2/2013	2 3/8	1.995	4.70	J-55	6,893.55	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	10/1/2013	2 3/8	1.995	4.70	J-55	6,891.60	

## Tubing Components

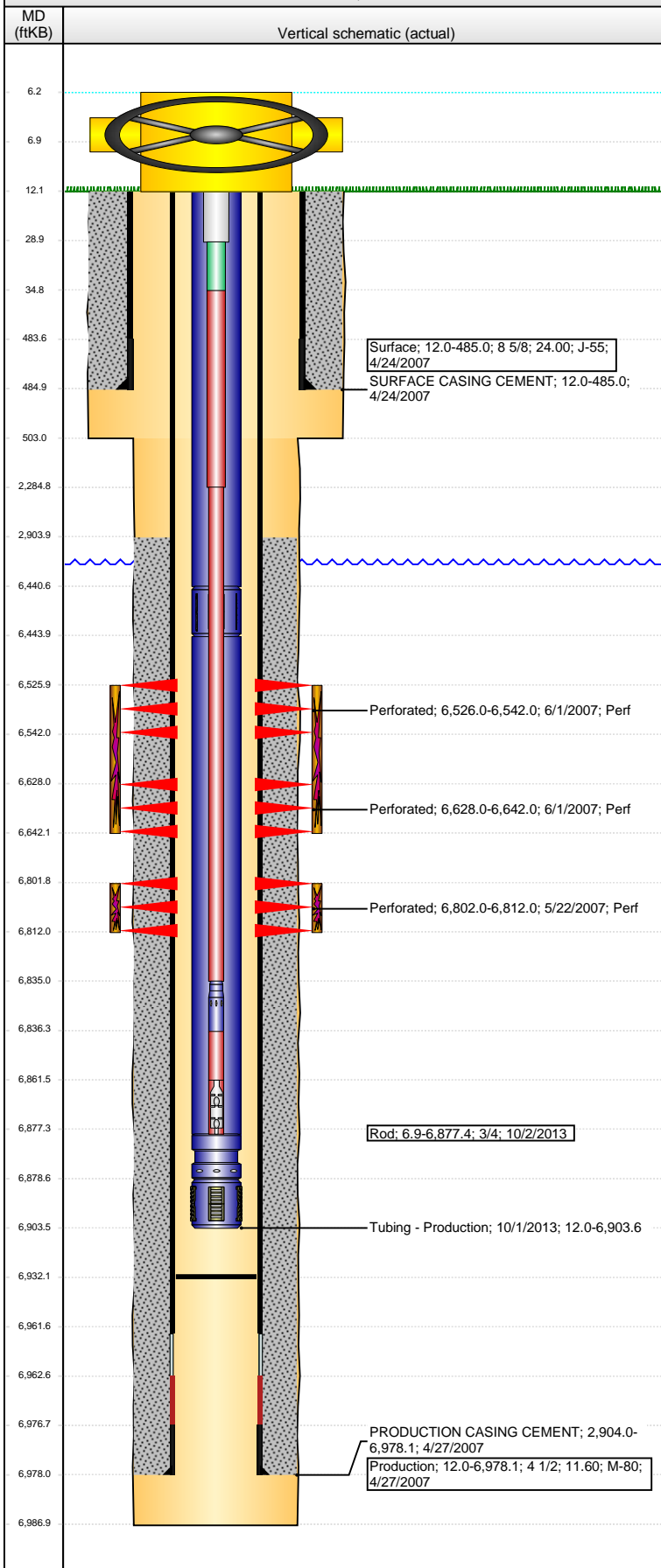
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	208	6,428.46	6,440.5	
Anchor/catcher	2 3/8	4.70	J-55	1	3.50	6,444.0	
EUE 8rd Tubing	2 3/8	4.70	J-55	14	433.44	6,877.4	
Pump Seating Nipple	2 3/8	1.10	J-55	1	1.20	6,878.6	
Mud Anchor	2 3/8	4.70	J-55	1	25.00	6,903.6	

## Rods & Pumps

Rod Description	Run Date	Set Depth (ftKB)
Rod	10/2/2013	6,877.4
Comment		

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Item Description	OD Nominal (in)	Joints	Length (ft)
Polished Rod	1 1/4	1	22.00
Pony Rod	7/8	1	6.00
Sucker Rod	7/8	90	2,250.00
Sucker Rod	3/4	182	4,550.00
Shear Coupling	3/4	1	1.50
Sucker Rod	3/4	1	25.00
RHAC Pump - THD	3/4	1	16.00

## Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	64	6,526.00	6,542.00	6/1/2007
NIOBRARA, ORIGINAL HOLE	B	60	6,628.00	6,642.00	6/1/2007
CODELL, ORIGINAL HOLE		40	6,802.00	6,812.00	5/22/2007

## Stimulations & Treatments

Date	Zone	Primary Job Type
6/1/2007	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
6/1/2007	CODELL, ORIGINAL HOLE	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)
4/27/2007	COMPENSATED DENSITY	2,800.0	6,967.0
4/27/2007	INDUCTION	485.0	6,987.0
5/22/2007	CBL/CCL/GR	2,880.0	6,947.0