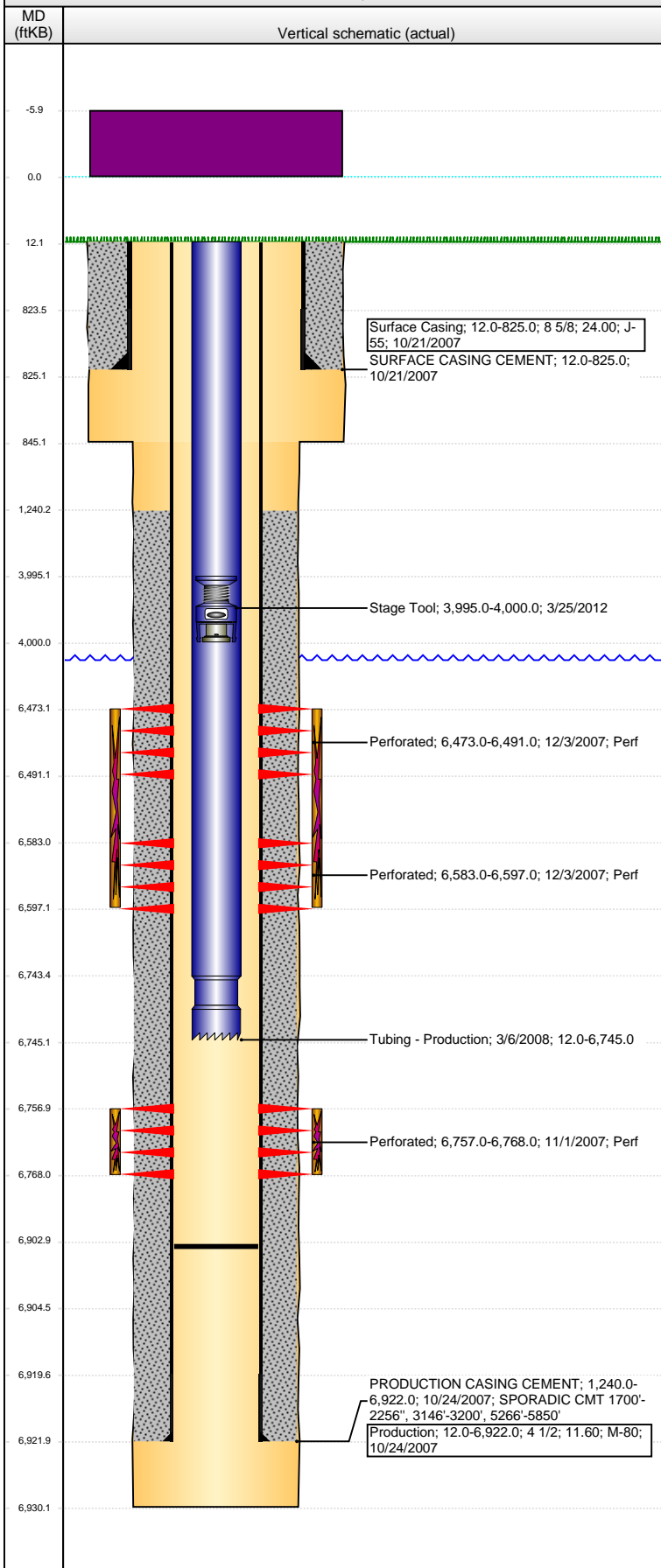


Well Name: WELLS RANCH USX AA19-09

VERTICAL - ORIGINAL HOLE, 11/2/2016 9:59:57 AM



Well Header

API 05-123-26433	Business Unit DJ BASIN	District 15	Well Config VERTICAL
Original KB Elevation (ft) 4,668	KB - GL / MSL (ftKB) 12.00	Spud Date 10/20/2007	P & A Date
Comment			

Directions To Well

Congressional Location

Quarter 3 NE	Quarter 4 SE	Section 19	Township 6 N	Twntshp N/S Dir N	Range 63	Range E/W Dir W
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Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
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Plug Back Total Depths

Date	Depth (ftKB)	Method	Com
10/24/2007	6,906.0	CASING TALLY	FLOAT SHOE W/COLLAR @6906'
10/30/2007	6,887.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
3/5/2008	6,903.0		C/O TO 6903'

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12	845
PRODUCTION	7 7/8	845	6,930

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	12/29/2007	PR		DRILLING/CO...	
CODELL	12/29/2007	PR		DRILLING/CO...	

Casing Strings

Surface Casing, 825.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface Casing	10/21/2007	8 5/8	24.00	J-55	12.0	825.0

Production, 6,922.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	10/24/2007	4 1/2	11.60	M-80	12.0	6,922.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	12.0	825.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
PRODUCTION CASING CEMENT	1,240.0	6,922.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/6/2008	2 3/8		4.70	J-55	6,733.00	

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	216	6,731.40	6,743.4	
Notched collar	2 3/8				1.60	6,745.0	

Perforation Data

Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE		72	6,473.00	6,491.00	12/3/2007
NIOBRARA, ORIGINAL HOLE		56	6,583.00	6,597.00	12/3/2007
CODELL, ORIGINAL HOLE		48	6,757.00	6,768.00	11/1/2007

Stimulations & Treatments

Date	Zone	Primary Job Type
12/3/2007	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result		Tech Result Details
Comment		Tech Result Note

Date	Zone	Primary Job Type
12/3/2007	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result		Tech Result Details
Comment		Tech Result Note

Well Name: WELLS RANCH USX AA19-09

VERTICAL - ORIGINAL HOLE, 11/2/2016 10:00:00 AM

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
3/25/2012	Stage Tool	2	3,995.0	4,000.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
10/23/2007	COMPENSATED DENSITY	2,690.0	6,908.0
10/23/2007	INDUCTION	12.0	6,928.0
10/30/2007	CBL/CCL/GR	1,130.0	6,880.0
10/5/2015	GYRO	12.0	6,650.0

