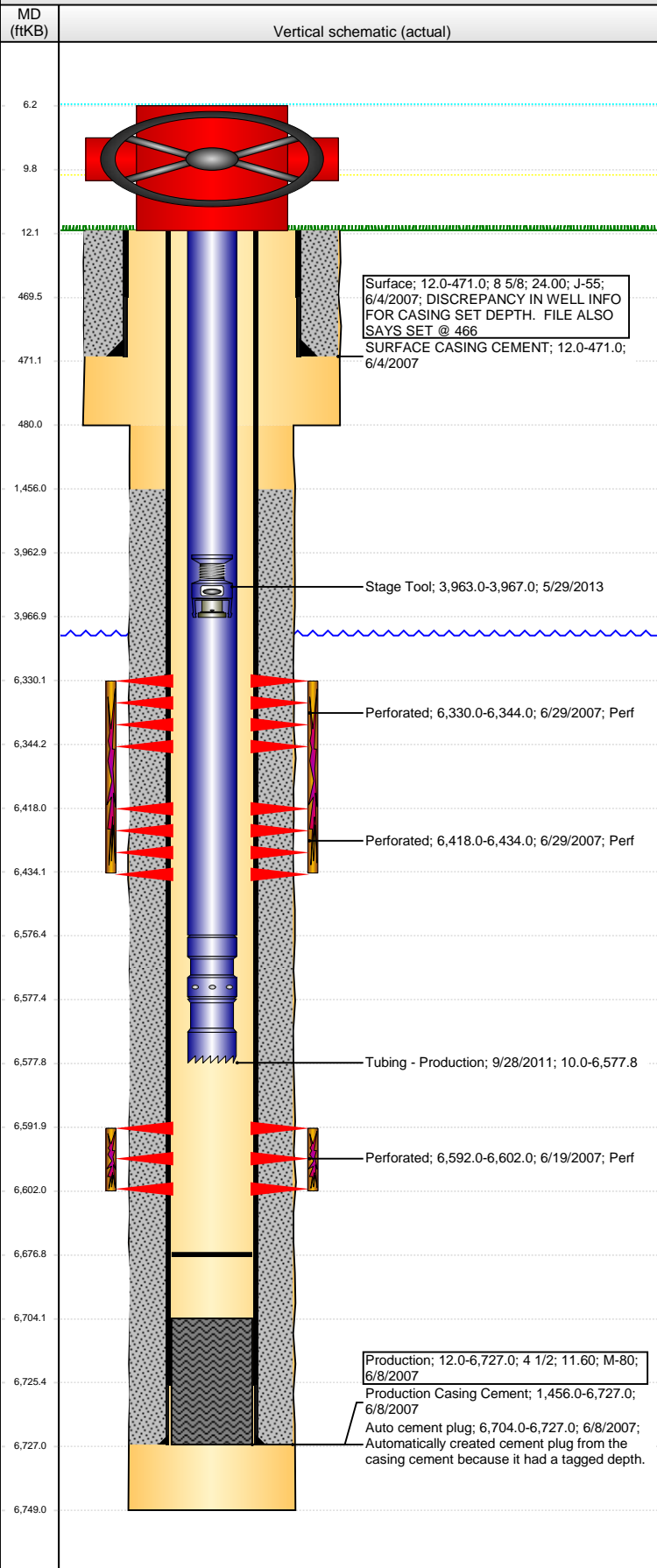


Wellbore Schematic Input Report

Well Name: WELLS RANCH USX BB01-23

DEVIATED - ORIGINAL HOLE, 1/20/2016 3:03:13 PM



Well Header

API	Business Unit	District	Well Config
05-123-25110	DJ BASIN	15	DEVIATED
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,676.00	12.00	6/4/2007	
Comment			

Directions To Well

WCR 67 & WCR 68, E 0.2, S 2.6 MILES TO COW CAMP, E 0.3, SE 2.3, S 0.5 INTO LOCATION.

Congressional Location

Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir
		NE	SE	1	5	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
6/8/2007	6,711.0	CASING TALLY	GUIDE SHOE
6/14/2007	6,704.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
9/8/2007	6,654.0		C/O
9/12/2011	6,684.0	TUBING TALLY	CLEAN OUT PRIOR TO CODELL REFRAC
9/28/2011	6,676.9	TAG	CLEAN OUT AFTER FRAC

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	12.0	480.0
PRODUCTION	7 7/8	480.0	6,749.0

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	8/3/2007	PR		DRILLING/CO...	
CODELL	8/3/2007	PR		DRILLING/CO...	
CODELL	11/10/2011	PR		RE-FRAC, 9/9/...	

Casing Strings

Surface, 471.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	6/4/2007	8 5/8	24.00	J-55	12.0	471.0

Production, 6,727.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Production	6/8/2007	4 1/2	11.60	M-80	12.0	6,727.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
SURFACE CASING CEMENT	12.0	471.0
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Production Casing Cement	1,456.0	6,727.0

Tubing Strings

Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing	9/10/2007	2 3/8	1.995	4.70	J-55	6,565.00	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Frac string	9/13/2011	2 7/8	2.441	6.50	N-80	6,518.64	
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	9/28/2011	2 3/8	1.995	4.70	J-55	6,567.83	

Tubing Components

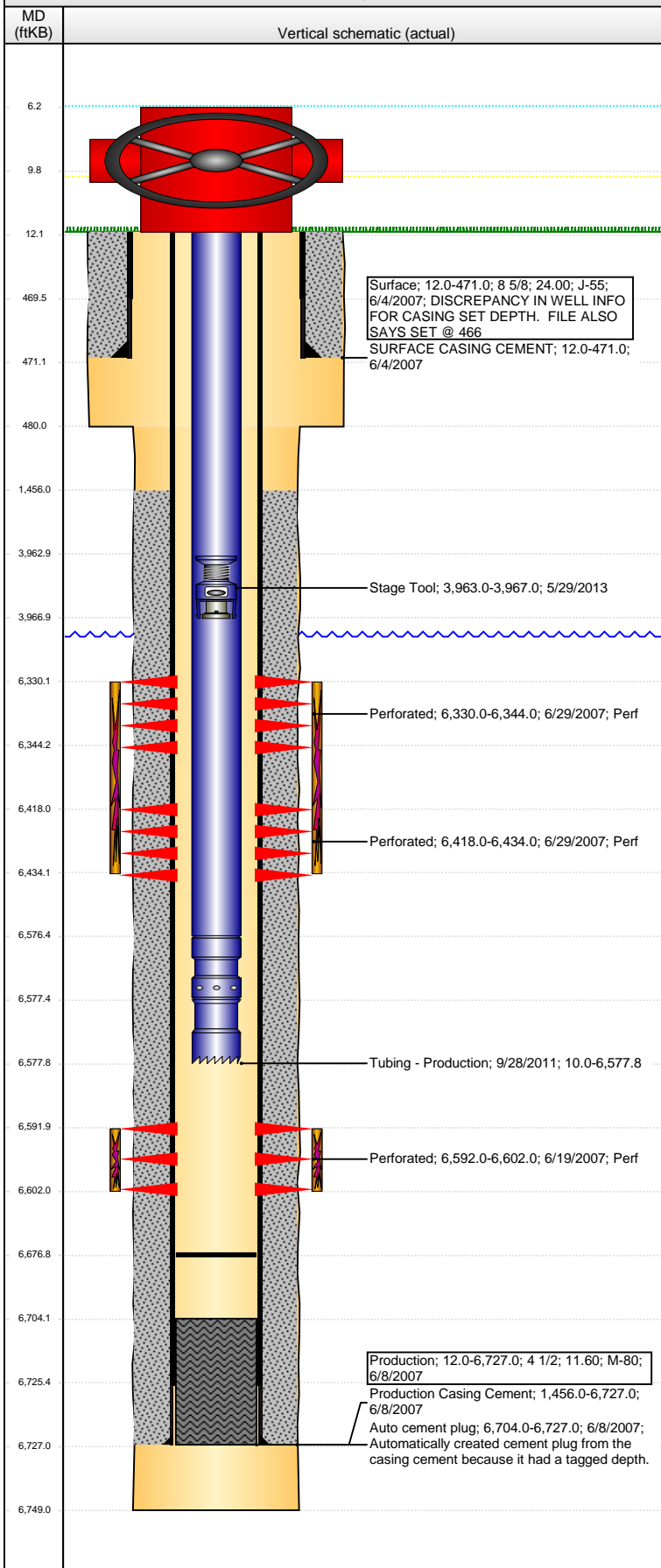
Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Btm (ftKB)	Btm (TVD) (ftKB)
EUE 8rd Tubing	2 3/8	4.70	J-55	213	6,566.33	6,576.3	
Seal Nipple	2 3/8	4.70	N-80	1	1.10	6,577.4	
Notched collar	2 3/8	4.70	J-55	1	0.40	6,577.8	

Perforation Data

Zone	Brnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	56	6,330.00	6,344.00	6/29/2007
NIOBRARA, ORIGINAL HOLE	B	64	6,418.00	6,434.00	6/29/2007
CODELL, ORIGINAL HOLE		40	6,592.00	6,602.00	6/19/2007

Well Name: WELLS RANCH USX BB01-23

DEVIATED - ORIGINAL HOLE, 1/20/2016 3:03:16 PM



Stimulations & Treatments

Date	Zone	Primary Job Type
6/29/2007	NIORARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
6/29/2007	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note

Comment

Date	Zone	Primary Job Type
9/26/2011	CODELL, ORIGINAL HOLE	RE-FRAC
Technical Result	Tech Result Details	Tech Result Note

Success

Comment
(CODELL RF): DURING 2 #/GAL STAGE TMV SHUT DOWN, RAN OFF BATTERY POWER AND USED LINEAR FLUID UNTIL POWER IS RESTORED, STAGE 7 O-RING FAILED ON WELL HEAD CAUSING A LEAK, PIPERAMS ON BOP WERE CLOSED AND PUMPING IS RESUMING: POST-FRAC: JOB WENT WELL. NO OTHER ISSUES TO REPORT. TREATMENT AVGS: 74.5 F, 10.07 PH, 23.2 CP. 5 MIN = 3344PSI.

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
5/29/2013	Stage Tool	2	3,963.0	3,967.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
6/7/2007	COMPENSATED DENSITY	2,490.0	6,724.0
6/7/2007	INDUCTION	471.0	6,744.0
6/14/2007	CBL/CCL/GR	1,456.0	6,697.0
10/2/2014	GYRO	10.0	6,500.0