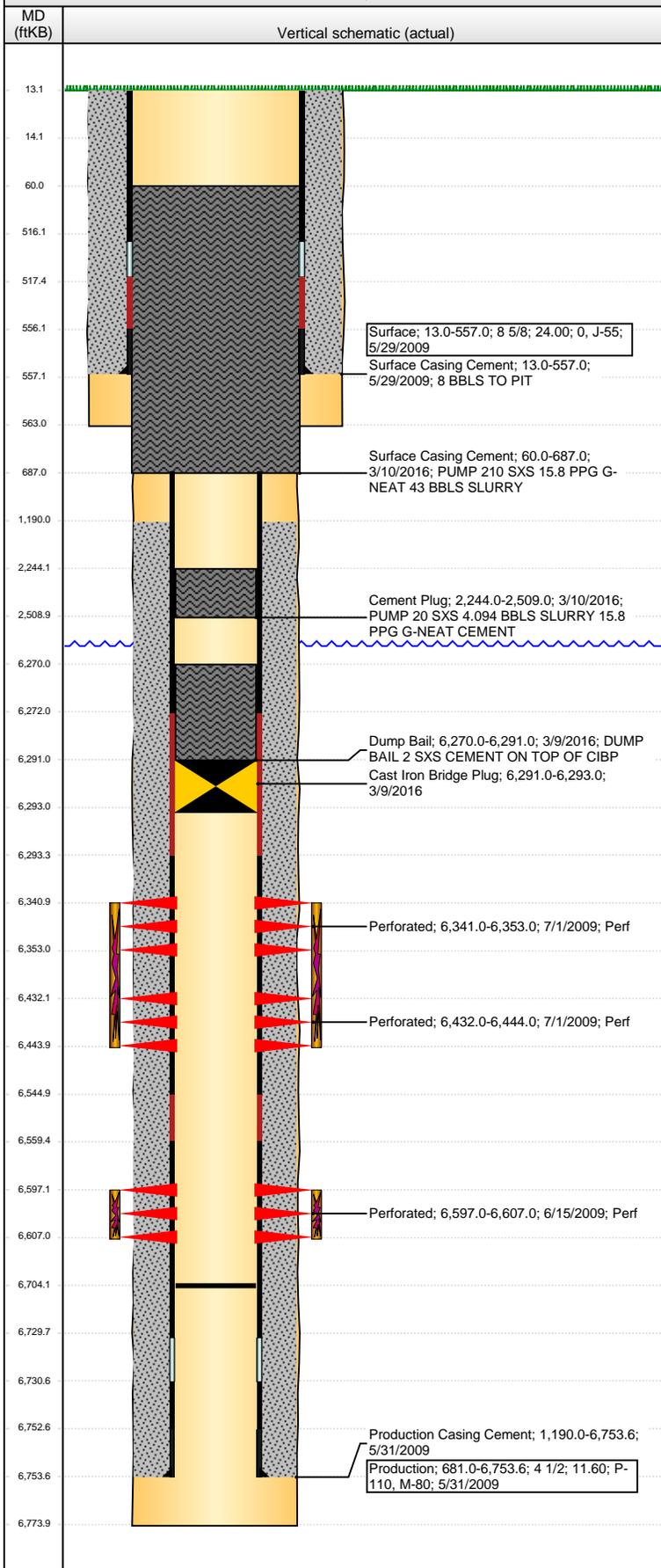


Well Name: WELLS RANCH AF06-06

VERTICAL - ORIGINAL HOLE, 4/5/2016 4:26:35 PM



Well Header										
API	05-123-30172		Business Unit	DJ BASIN		District	15		Well Config	VERTICAL
Original KB Elevation (ft)	4,690		KB - GL / MSL (ftKB)	13.00		Spud Date	5/29/2009		P & A Date	3/10/2016
Comment										
Directions To Well WCR 67 & 68, EAST 2/10THS OF A MILE, SOUTH 1.75 MILES, EAST 2.75 MILES, SOUTH 1.5 MILES, SOUTHEAST INTO LOCATION										
Congressional Location										
Quarter 1	Quarter 2	Quarter 3	Quarter 4	Section	Township	Twnshp N...	Range	Rng E/W Dir		
		SE	NW	6	5 N		62	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						
5/31/2009	6,730.7	CASING TALLY								
6/9/2009	6,716.0	CASED HOLE LOG								
7/28/2009	6,704.0	TUBING TALLY								
Wellbore Sections										
Section Des		Size (in)	Act Top, MD (ftKB)		Act Btm, MD (ftKB)					
SURFACE		12 1/4	13.0		563.0					
PRODUCTION		7 7/8	563.0		6,774.0					
Zone Statuses										
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method					
NIOBRARA	7/3/2009	PR		DRILLING/CO...						
NIOBRARA	3/9/2016	P&A		ABANDON WE...						
CODELL	7/3/2009	PR		DRILLING/CO...						
CODELL	3/9/2016	P&A		ABANDON WE...						
Casing Strings										
Surface, 557.0ftKB										
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)				
Surface	5/29/2009	8 5/8	24.00	J-55	13.0	557.0				
Production, 6,753.6ftKB										
Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)				
Production	5/31/2009	4 1/2	11.60	M-80	13.0	6,753.6				
Cement										
Description					Top Depth (ftKB)	Bottom Depth (ftKB)				
Surface Casing Cement					13.0	557.0				
Description					Top Depth (ftKB)	Bottom Depth (ftKB)				
Production Casing Cement					1,190.0	6,753.6				
Description					Top Depth (ftKB)	Bottom Depth (ftKB)				
Dump Bail					6,270.0	6,291.0				
Description					Top Depth (ftKB)	Bottom Depth (ftKB)				
Cement Plug					2,244.0	2,509.0				
Description					Top Depth (ftKB)	Bottom Depth (ftKB)				
Surface Casing Cement					60.0	687.0				
Tubing Strings										
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De... 9			
Tubing - Production	7/28/2009	2 3/8	1.995	4.70	J-55	6,565.90	6,576.9			
Perforation Data										
Zone		Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date				
NIOBRARA, ORIGINAL HOLE		A	24	6,341.00	6,353.00	7/1/2009				
NIOBRARA, ORIGINAL HOLE		B	24	6,432.00	6,444.00	7/1/2009				
CODELL, ORIGINAL HOLE			40	6,597.00	6,607.00	6/15/2009				
Stimulations & Treatments										
Date	Zone	Primary Job Type								
7/1/2009	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL								
Technical Result		Tech Result Details				Tech Result Note				
Success		According to Plan								
Comment										
(CODELL): START OF 2 PSA STAGE HAD TO SWITCH OUT BA-40L PUMPS BECAUSE IT WAS HAVING PROBLEMS MOVING PRODUCT. JOB WENT WELL WITH NO OTHER ISSUES TO REPORT.										

Well Name: WELLS RANCH AF06-06

VERTICAL - ORIGINAL HOLE, 4/5/2016 4:26:38 PM

Stimulations & Treatments

Date	Zone	Primary Job Type
7/1/2009	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result	Tech Result Details	Tech Result Note
Success	According to Plan	

Comment
 (NIOBRARA): HAD PROBLEMS WITH A FRAC PUMP DURING PAD. HAD TO TAKE OFF LINE AND REPLACE VALVE IN FLUID END BUT WAS ABLE TO KEEP ABOVE 50 BPM WITH OTHER HORSE POWER. JOB WENT WELL WITH NO OTHER ISSUES TO REPORT.

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
3/9/2016	Cast Iron Bridge Plug	3.99	6,291.0	6,293.0

Logs

Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
5/31/2009	Caliper/Comp. Density/Neutron/GR/SP/ML	2,650.0	6,769.0
5/31/2009	DIL/GR/SP/Caliper	557.0	6,769.0
6/9/2009	CBL/CCL/GR	1,060.0	6,715.0
10/3/2014	GYRO	10.0	6,500.0

