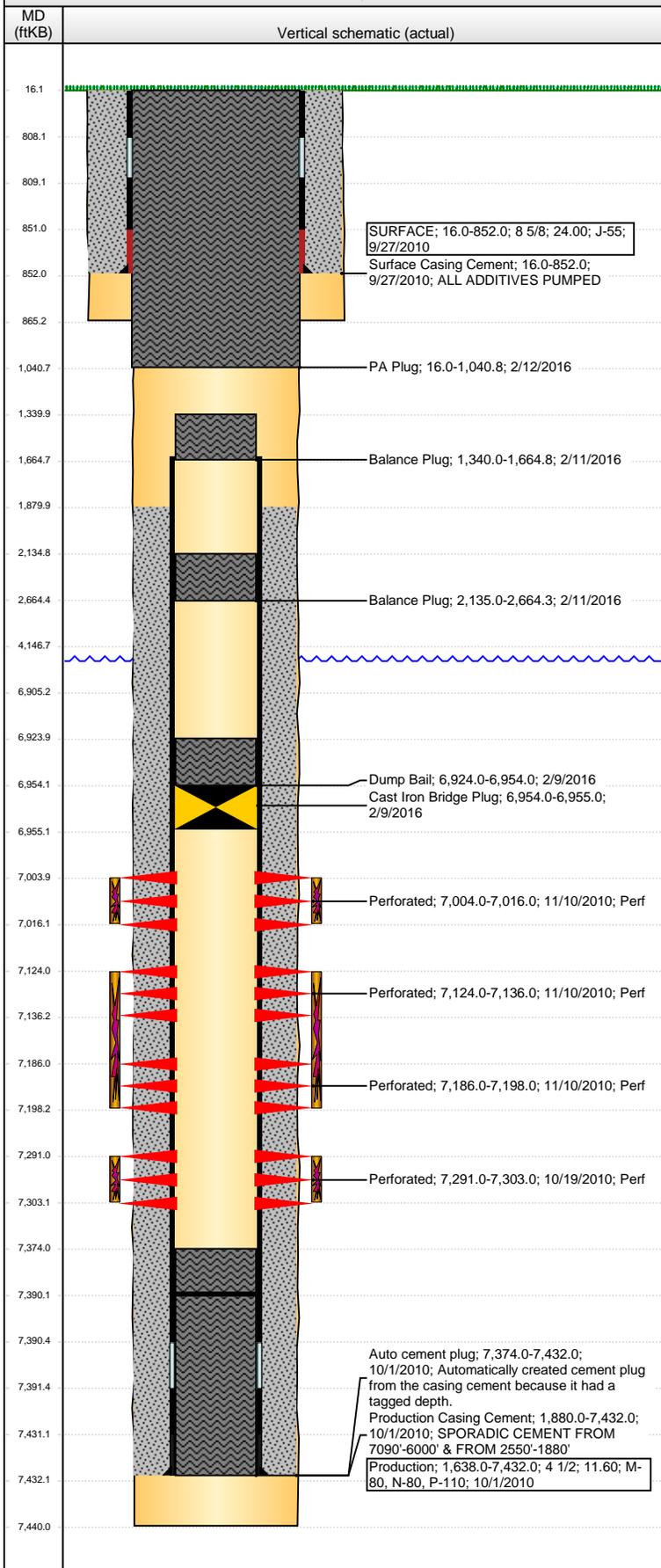


Well Name: ANTHOLZ PC AB06-16

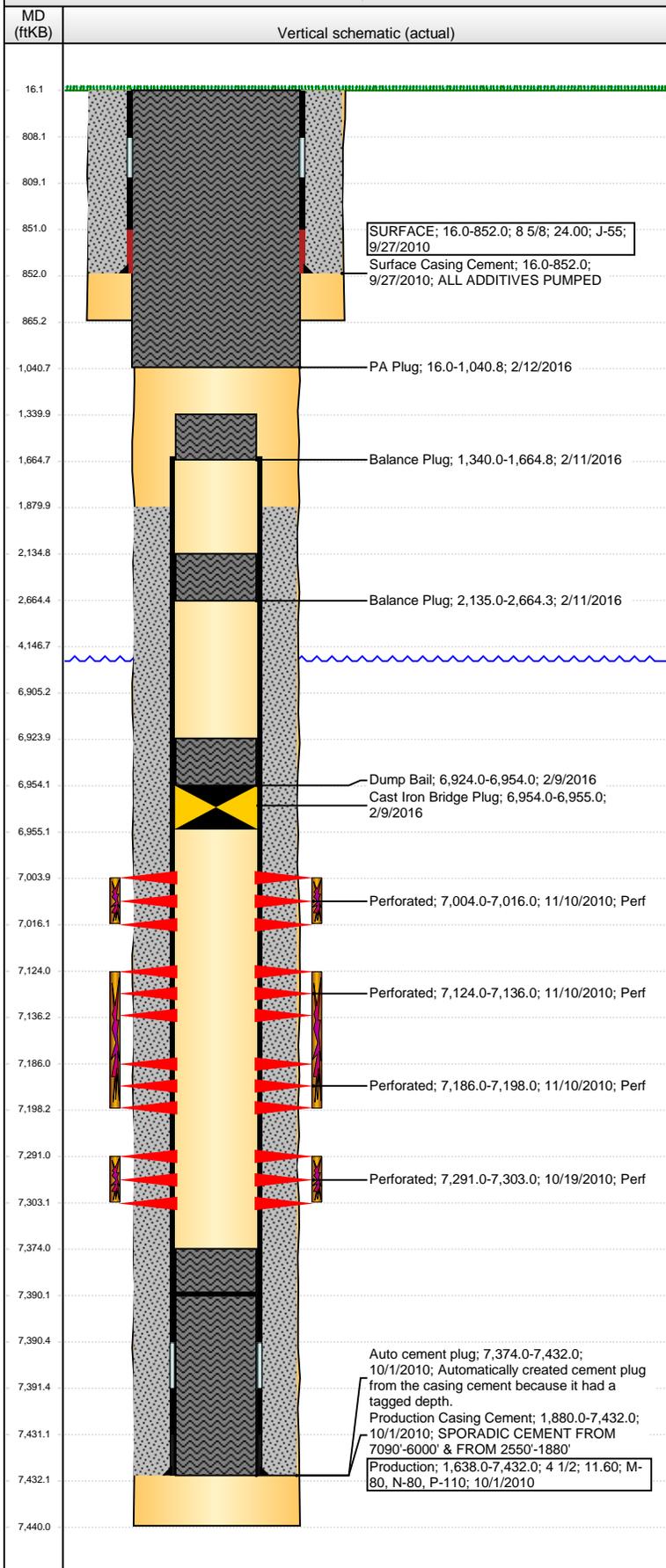
VERTICAL - ORIGINAL HOLE, 2/26/2016 7:56:55 AM



Well Header					
API	Business Unit	District	Well Config		
05-123-32110	DJ BASIN	15	VERTICAL		
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date		
5,008.00	16.00	9/26/2010	2/9/2016		
Comment					
Directions To Well					
HWY 14 & CR 51, NORTH .4, WEST INTO					
Congressional Location					
Quarter 1	Quarter 2	Quarter 3	Quarter 4		
		SE	SE		
Section	Township	Twonshp N...	Range		
6	7	N	64		
Rng E/W Dir					
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		
10/1/2010	7,390.0	CASING TALLY	FLOAT COLLAR		
10/6/2010	7,374.0	CASED HOLE LOG	DEPTH LOGGER		
12/13/2010	7,390.0	TAG	DRILL OUT KILL PLUG, 2 CIFTF AND CLEAN DO...		
Wellbore Sections					
Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)		
SURFACE	12 1/4	16.0	865.0		
PRODUCTION	7 7/8	865.0	7,440.0		
Zone Statuses					
Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
CODELL	12/17/2010	PR		DRILLING/CO...	
CODELL	1/4/2011	PR	Water		Flowing
CODELL	2/9/2016	P&A		ABANDON WE...	
NIOBRARA	12/17/2010	PR		DRILLING/CO...	
NIOBRARA	1/4/2011	PR	Water		Flowing
NIOBRARA	2/9/2016	P&A		ABANDON WE...	
Casing Strings					
SURFACE, 852.0ftKB					
Casing Description	Run Date	OD (in)	W/Len (L...)	Grade	Top, MD (ft...)
SURFACE	9/27/2010	8 5/8	24.00	J-55	16.0
MD (ftKB)					
852.0					
Production, 7,432.0ftKB					
Casing Description	Run Date	OD (in)	W/Len (L...)	Grade	Top, MD (ft...)
Production	10/1/2010	4 1/2	11.60	M-80	16.0
MD (ftKB)					
7,432.0					
Cement					
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
Surface Casing Cement	16.0	852.0			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
Production Casing Cement	1,880.0	7,432.0			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
Dump Bail	6,924.0	6,954.0			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
Balance Plug	2,135.0	2,664.3			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
Balance Plug	1,340.0	1,664.8			
Description	Top Depth (ftKB)	Bottom Depth (ftKB)			
PA Plug	16.0	1,040.8			
Tubing Strings					
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade
Tubing - Production	12/14/2010	2 3/8	1.995	4.70	J-55
Len (ft)	Set De...				
6,824.48	6,839.0				
Perforation Data					
Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGINAL HOLE	A	24	7,004.00	7,016.00	11/10/2010
NIOBRARA, ORIGINAL HOLE	B	24	7,124.00	7,136.00	11/10/2010
NIOBRARA, ORIGINAL HOLE	C	24	7,186.00	7,198.00	11/10/2010
CODELL, ORIGINAL HOLE	01	48	7,291.00	7,303.00	10/19/2010

Well Name: ANTHOLZ PC AB06-16

VERTICAL - ORIGINAL HOLE, 2/26/2016 7:56:57 AM



Stimulations & Treatments

Date	Zone	Primary Job Type
11/10/2010	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result: Success		Tech Result Note: According to Plan
Comment: (CODELL) CHLORIDES WERE VERY HIGH RANGING FROM 1250-2850 ON TANKS 13-19. CALLED OFFICE AND DECIDED TO PUMP THE CODELL WITH THE GOOD TANKS AND USE THE HIGH CHLORIDE TANKS WITH THE FRESH WATER TANKS ON THE NIOBRARA STAGES. ISIP=2973, 5 MIN=2456 PUMPED CODELL AT 22 BPM. HAD ELECTRONIC ISSUE WITH FRAC PUMP DURING 4LB STG. OPERATIONALLY JOB WENT WELL WITH NO ISSUES TO REPORT. AVG VISC=28.8, PH=10.18, TEMP=69.2, PRESS=3431, RATE=22.8.		
11/10/2010	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result: Success		Tech Result Note: According to Plan
Comment: (NIOBRARA B&C) HAD ISSUES WITH PRESSURE KICK-OUTS ON FRAC PUMPS DURING SLICKWATER PAD. OPERATIONALLY JOB WENT WELL WITH NO ISSUES TO REPORT. AVG VISC=22.4, PH=10.15, TEMP=67.3, PRESS=4404, RATE=52.9.		
11/10/2010	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Technical Result: Success		Tech Result Note: According to Plan
Comment: (NIOBRARA A) HAD FRAC PUMP COME OFF-LINE AT START OF 1LB. OPERATIONALLY JOB WENT WELL WITH NO ISSUES TO REPORT. AVD VISC=23.3, PH=10.1, TEMP=65.6, PRESS=4502, RATE=49.1.		

Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
2/9/2016	Cast Iron Bridge Plug	3.99	6,954.0	6,955.0

Logs				
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)	
9/14/2010	SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY	853.0	7,436.0	
9/14/2010	SPECTRAL GAMMA RAY	6,825.0	7,402.0	
9/14/2010	CBL/CCL/GR	1,527.0	7,373.0	