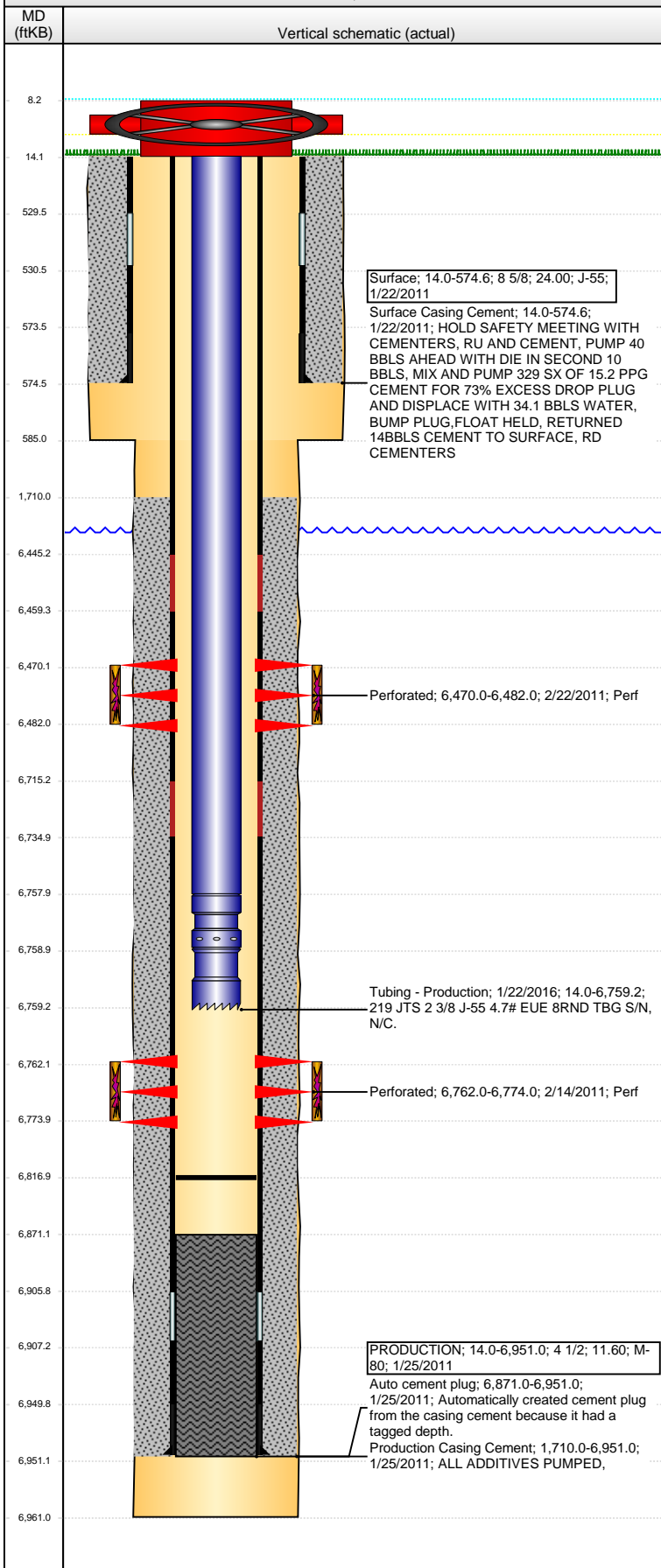


Well Name: PEPPLER PC AA17-25

VERTICAL - ORIGINAL HOLE, 11/22/2016 12:40:42 PM



Well Header

API	Business Unit	District	Well Config
05-123-32108	DJ BASIN	15	VERTICAL
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date	P & A Date
4,681	14.00	1/21/2011	

Comment

Directions To Well

WCR 63 & 68, GO EAST 0.5 MILES, NORTH 0.4, NW 0.2 MILES, SW 0.3 MILES TO CENTER PIVOT, S 0.1 INTO LOCATION.

Congressional Location

Quarter 3	Quarter 4	Section	Township	Twship N/S Dir	Range	Range E/W Dir
SE	SW	17	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
1/25/2011	6,905.7	CASING TALLY	FLOAT COLLAR
2/9/2011	6,871.0	CASED HOLE LOG	DEPTH LOGGER ON CBL
3/10/2011	6,816.0	TAG	DRILL CFTD AND CBP AND CLEAN OUT TO 6816'
1/22/2016	6,817.0	C/O 221 ALL IN	43' RAT HOLE

Wellbore Sections

Section Des	Size (in)	Act Top, MD (ftKB)	Act Btm, MD (ftKB)
SURFACE	12 1/4	14	585
PRODUCTION	7 7/8	585	6,961

Zone Statuses

Zone Name	Status Date	Status	Fluid Type	Job	Prod Method
NIOBRARA	2/4/2011	PR	Water		Flowing
NIOBRARA	2/24/2011	PR		DRILLING/CO...	New Activity - Waiting Production
NIOBRARA	2/26/2015	TA		HORIZONTAL...	
NIOBRARA	1/22/2016	PR		HORIZONTAL...	
CODELL	2/4/2011	PR	Water		Flowing
CODELL	2/24/2011	PR		DRILLING/CO...	New Activity - Waiting Production
CODELL	2/26/2015	TA		HORIZONTAL...	
CODELL	1/22/2016	SI			
CODELL	1/22/2016	PR		HORIZONTAL...	

Casing Strings

Surface, 574.6ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
Surface	1/22/2011	8 5/8	24.00	J-55	14.0	574.6

PRODUCTION, 6,951.0ftKB

Casing Description	Run Date	OD (in)	Wt/Len (l...)	Grade	Top, MD (ft...)	MD (ftKB)
PRODUCTION	1/25/2011	4 1/2	11.60	M-80	14.0	6,951.0

Cement

Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Surface Casing Cement	14.0	574.6
Description	Top Depth (ftKB)	Bottom Depth (ftKB)
Production Casing Cement	1,710.0	6,951.0

Tubing Strings

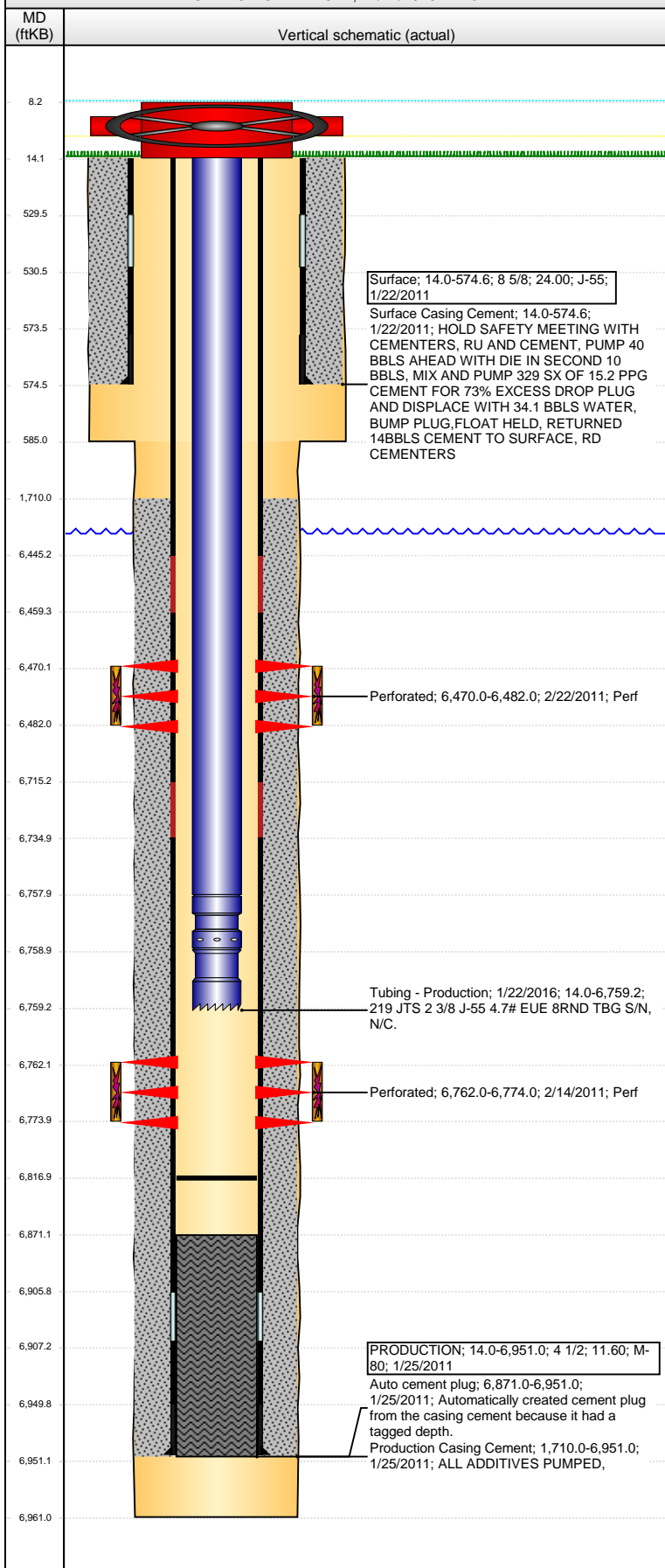
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	3/10/2011	2 3/8	1.995	4.70	J-55	6,737.67	6,747.9
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Workstring	2/25/2015	2 3/8	1.995	4.70	J-55	5,914.80	5,927.2
Tubing Description	Run Date	String...	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Set De...
Tubing - Production	1/22/2016	2 3/8	1.995	4.70	J-55	6,745.23	6,757.5

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	219	6,743.73	6,757.7	
Pump Seating Nipple	2 3/8			1	1.10	6,758.8	6,757.1
Notched collar	2 3/8			1	0.40	6,759.2	6,757.5

Well Name: PEPPLER PC AA17-25

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Perforation Data						
Zone	Bnch/St g	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date	
NIOBRARA, ORIGINAL HOLE	A	24	6,470.00	6,482.00	2/22/2011	
CODELL, ORIGINAL HOLE		48	6,762.00	6,774.00	2/14/2011	
Stimulations & Treatments						
Date	Zone	Primary Job Type				
2/22/2011	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL				
Technical Result		Tech Result Details		Tech Result Note		
Success		According to Plan				
Comment						
(CODELL): REVERSE STEP RATE RESULTS: PO - 22. NWB FRIC - 213 PSI. PERF FRIC - 112 PSI. ISIP - 2791 PSI. INC RATE TO 22 BPM DUE TO HIGH LO. TREATMENT WENT WELL. POST ISIP - 3102 PSI. AVG NOLTE - 0.04. AVG VISC - 26.6 CP. AVG TEMP - 67.6F. AVG PH - 10.11.						
Date	Zone	Primary Job Type				
2/22/2011	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL				
Technical Result		Tech Result Details		Tech Result Note		
Success		According to Plan				
Comment						
(NIOBRARA AB): ISIP - 2916 PSI. TREATMENT WENT WELL. POST ISIP - 2998 PSI. NOLTE FLAT. AVG VISC -23.8 CP. AVG TEMP - 66.1F. AVG PH - 10.15.						
Other In Hole						
Run Date	Des		OD (in)	Top (ftKB)	Btm (ftKB)	
Logs						
Date	Type			Top, MD (ftKB)	Btm, MD (ftKB)	
1/24/2011	BOREHOLE VOLUME PLOT			574.0	6,932.0	
1/24/2011	SPECTRAL DENSITY/Pe/DSN NEUTRON/SP/ARRAY COMPENSATED TRUE RESISTIVITY			574.0	6,946.0	
1/24/2011	SPECTRAL GAMMA RAY			5,750.0	6,912.0	
2/9/2011	CBL/CCL/GR			6,864.0	1,710.0	
12/30/2013	GYRO			14.0	6,700.0	