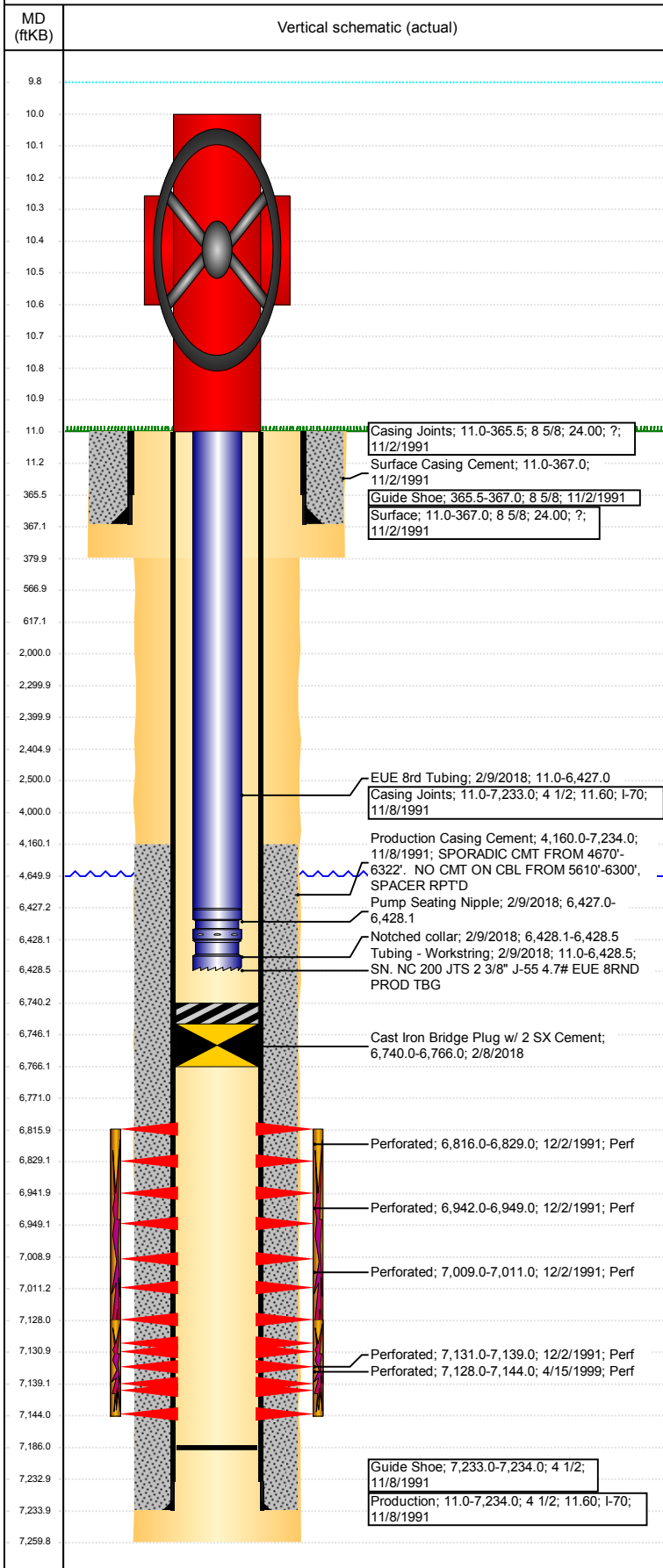


**Well Name: FREEDA REEVE 04-01**

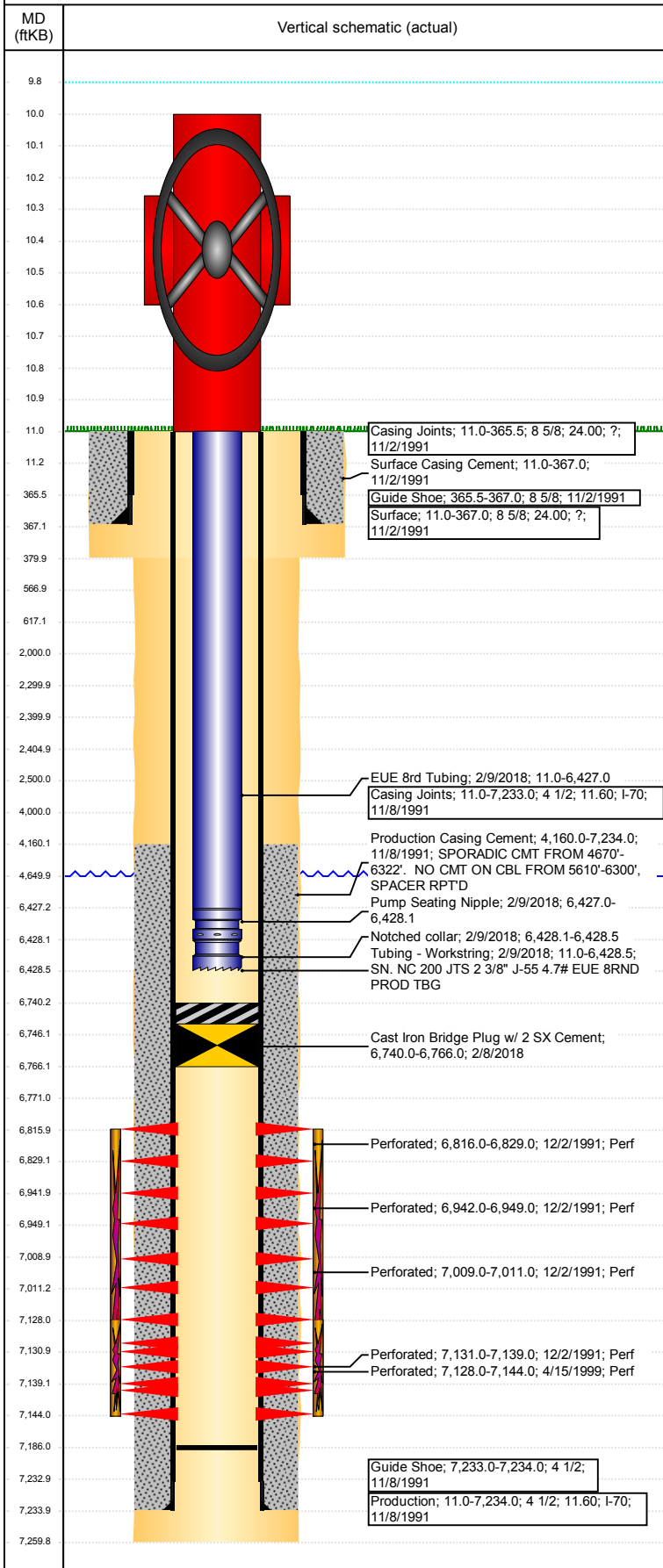
VERTICAL - ORIGINAL HOLE, 2/23/2018 4:56:52 PM



Well Header								
API 05-123-15319		Well Report Center 422125550		Well Configuration Type VERTICAL				
Original KB Elevation (ft) 4,670		KB - GL / MSL (ftKB) 11.00		Spud Date 11/2/1991		P & A Date		
Production Route C2-02			Well Production Status TA				SoRT Ignore Yes	
Directions To Well 394 & 37, W 6/10, S 4/10, W 2/10, SW 1/10, W 300', S INTO				Actual Latitude (°) 40.34661815		Actual Longitude (°) -104.72720115		
Comment DISCREPANCY IN TD: STATE RPT 7234', DRILL REPORT 7258', OPEN HOLE LOGS 7260'. USED LOG TD								
WIRELINE TICKET IN ATTACHMENTS								
Congressional Location								
Quarter 3 NE	Quarter 4 NW	Section 1	Township 4	Twntshp N/S Dir N	Range 66	Range E/W Dir W		
Rig Operator								
Rig Operator JAVIER LOMA, OPERATOR								
Plug Back Total Depths								
Date	Depth (ftKB)	Method			Com			
11/20/2013	7,186.0	TAG			TAG W/ PROD. TBG			
Wellbore Sections								
Section Des		Size (in)		Act Top, MD (ftKB)		Act Btm, MD (ftKB)		
SURFACE		12 1/4		11		380		
PRODUCTION		7 7/8		380		7,260		
Zone Statues								
Zone Name		Status Date			Status			
CODELL		2/8/2018			TA			
NIOBRARA-CODELL					PR			
NIOBRARA		2/8/2018			TA			
Casing Strings								
Surface, 367.0ftKB								
Casing Description Surface	Run Date 11/2/1991	OD (in) 8 5/8	Wt/Len (l... 24.00	Grade ?	Top, MD (ft... 11.0	MD (ftKB) 367.0		
Production, 7,234.0ftKB								
Casing Description Production	Run Date 11/8/1991	OD (in) 4 1/2	Wt/Len (l... 11.60	Grade I-70	Top, MD (ft... 11.0	MD (ftKB) 7,234.0		
Cement								
Des			Start Date		Top (ftKB)		Btm (ftKB)	
Surface Casing Cement			11/2/1991		11.0		367.0	
Production Casing Cement			11/8/1991		4,160.0		7,234.0	
Proposed Cement								
Des					Top (ftKB)		Btm (ftKB)	
Dump Bail					6,746.0		6,766.0	
Balance Plug					4,000.0		4,650.0	
Balance Plug					2,300.0		2,400.0	
Balance Plug					2,405.0		2,500.0	
Cement Squeeze					2,000.0		2,500.0	
Balance Plug					567.0		617.0	
Balance Plug					367.0		567.0	
Balance Plug					11.0		367.0	
Tubing Strings								
Tubing Description Tubing - Workstring		Run Date 2/9/2018	String... 2 3/8	ID (in) 2.00	Wt (lb/ft) 4.70	Grade J-55	Len (ft) 6,417.54	Set De...
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	200	6,416.04	6,427.0	
Pump Seating Nipple		2 3/8			1	1.10	6,428.1	
Notched collar		2 3/8			1	0.40	6,428.5	
Other In Hole								
Run Date		Des			OD (in)	Top (ftKB)	Btm (ftKB)	
2/8/2018		Cast Iron Bridge Plug w/ 2 SX Cement			4	6,740.0	6,766.0	

**Well Name: FREEDA REEVE 04-01**

VERTICAL - ORIGINAL HOLE, 2/23/2018 4:56:53 PM



Proposed Other In Hole			
Des	OD (in)	Top (ftKB)	Btm (ftKB)
Cast Iron Bridge Plug	4	6,766.0	6,771.0
Cement Retainer	4	2,400.0	2,405.0

Logs			
Date	Type	Top, MD (ftKB)	Btm, MD (ftKB)
11/7/1991	COMPENSATED POROSITY	4,000.0	7,239.0
11/7/1991	INDUCTION	367.0	7,260.0
11/14/1991	CBL/CCL/GR	4,050.0	7,162.0
3/6/2013	GYRO	11.0	7,050.0

Perforation Data				
Linked Zone	Sum of Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA-CODELL, ORIGINAL HOLE	3	6,816.00	6,829.00	12/2/1991
NIOBRARA, ORIGINAL HOLE	3	6,942.00	6,949.00	12/2/1991
NIOBRARA, ORIGINAL HOLE	2	7,009.00	7,011.00	12/2/1991
CODELL, ORIGINAL HOLE	68	7,128.00	7,144.00	4/15/1999
CODELL, ORIGINAL HOLE	5	7,131.00	7,139.00	12/2/1991

**Total (Sum)** 81

Proposed Perforations				
Linked Zone	Sum of En...	Top Depth (ftKB)	Btm (ftKB)	Date
CODELL, ORIGINAL HOLE	0	2,500.00	2,500.00	1/29/2018
<b>Total (Sum)</b>	<b>0</b>			

Job Supply Amounts					
Supply Item Des	Type	Uni...	Job Category	Total...	Total...
WATER - COMPLETION/RE COMP	PUBLIC	BB LS	ABANDON	230.0	185.0
				0	45.0

Daily Cost Breakdown by Category		
Sum of Field Est...	Cost Description	Note
4,540.05	Downhole	10.5 HRS RIG TIME 1 HR TRAVEL
2,700.45	Downhole	5.5 HRS RIG TIME .5HR TRAVEL
440.00	Downhole	WINCH TRUCKS
237.50	Downhole	HAUL OFF DIRTY WATER
911.50	Downhole	WATER TRANSFER & 1 LOAD
1,989.00	Downhole	CAT
2,000.00	Downhole	LOC PREP
500.00	Downhole	TBG TRLR # 167 DROP OFF PU UP
3,041.06	Downhole	CIBP DUMP BAIL
130.00	Downhole	TOILET
<b>16,489.56</b>		