

Mike,

Per our phone call, could you make a note in the well file that an annular fill is not required for this well?

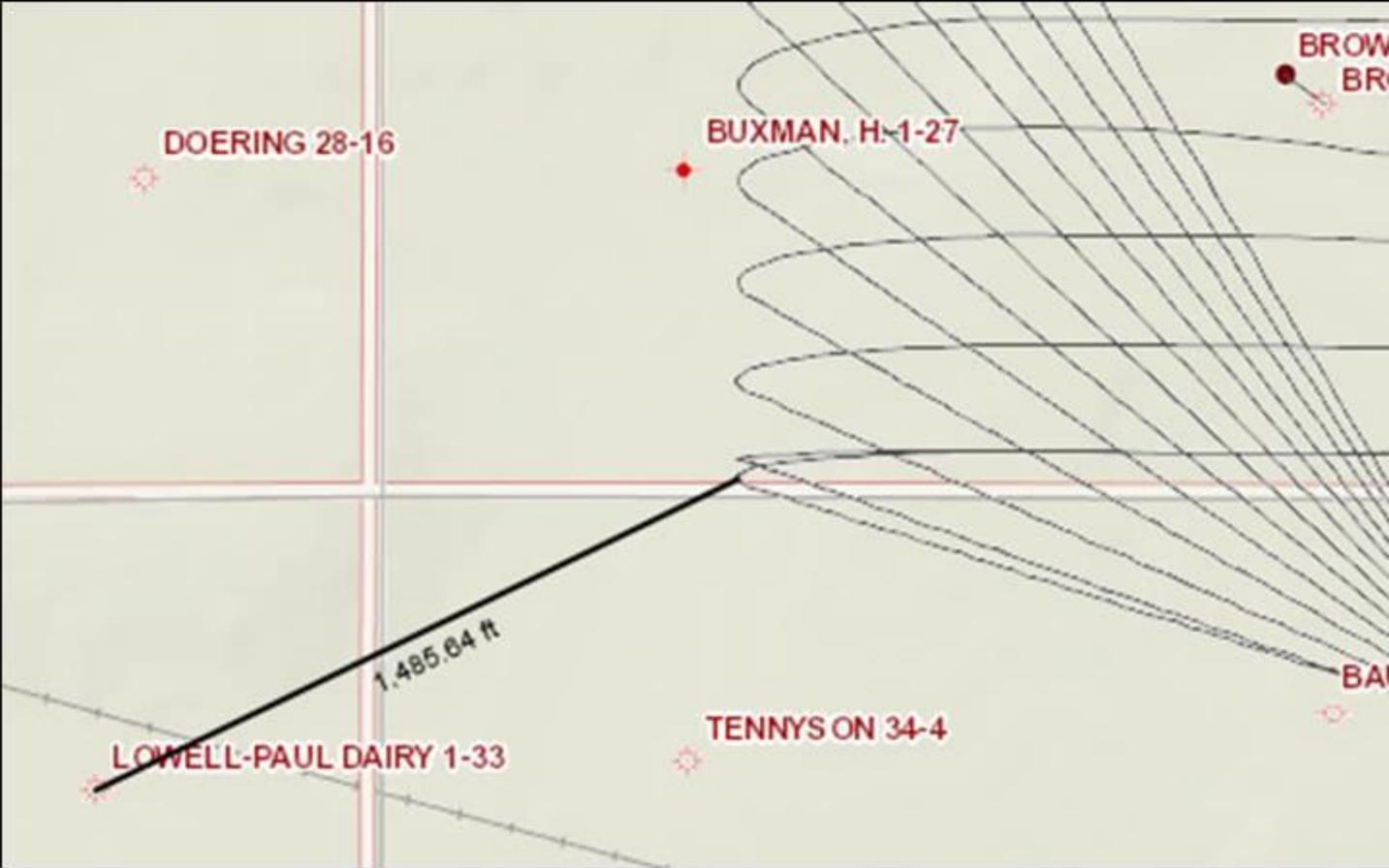
We are getting the annular cement CBL scanned and uploaded – hopefully by the end of next week. Our proposed frac prep for this well is to set a plug and ensure 5K surface equipment prior to the frac.

There is currently a COA on this well for the SRC Energy Beebe wells requiring Option 1 or 2 mitigation due to a 600' deep water well within 1 mile of this location.

Below is a wellbore diagram for this well and a map of the offset. Just a couple notes:

- This is a leasehold well so we are unable to P&A.
- This is offset 1,478' from the heels of the wells according to our GIS tool, and shown is a screenshot of the offset with me measuring the distance by hand. I am confident that this well is over 1,500' from the actual stimulated interval (rather than the backdrill portion of the wellbore).
- This well has production casing cement up to 6,228' (several hundred feet above the Niobrara) as well as annular cement from 884' to 3,000'. Based on the CBL, looks like good coverage from 3000' to 1900' at least.
- If we were to go in to do an annular fill it would require shooting holes in casing due to the annular cement already present. I would propose that there is adequate double isolation from the water well already, and that leaving it as-is is preferable to compromising the integrity of the casing.
- Fox Hills is isolated by the surface casing at 428'.

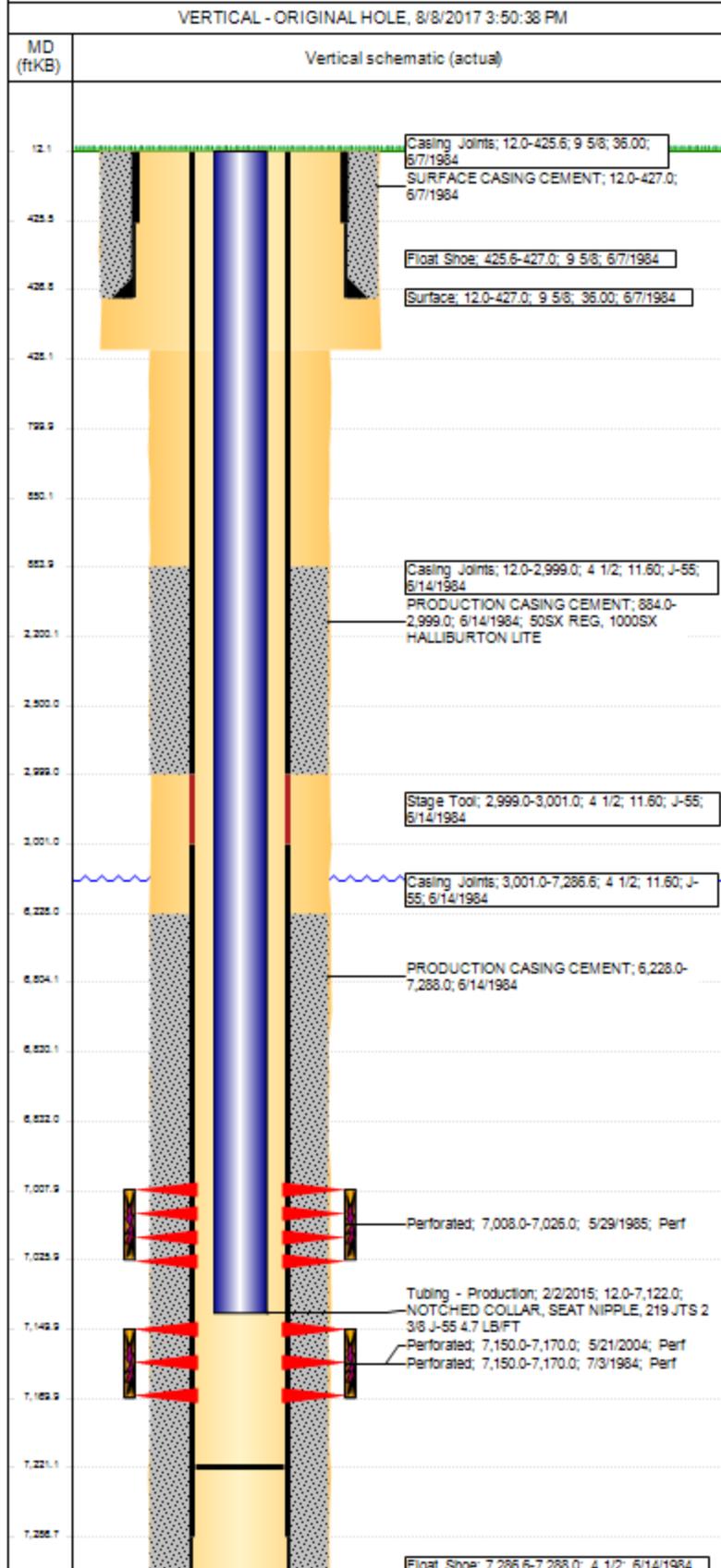
Let me know if you are in agreement with this path forward!





Wellbore Schematic Input Report

Well Name: **LOWELL PAUL DAIRY 01-33**



Well Header		
API	Business Unit	District
05-123-11844	DJ BASIN	15
Original KB Elevation (ft)	KB - GL / MSL (ftKB)	Spud Date
4,705	12.00	6/7/1984

Comment
 SLIDING SLEEVE @2999'---- SURFACE COLLAR WELLED BELOW THE 9 5/8 COLLAR

Directions To Well
 O-STREET & 59TH AVE, SOUTH 1/10, WEST 1/10 INTO.

Congressional Location				
Quarter 3	Quarter 4	Section	Township	Twnshp N/S Dir
NE	NE	33	6	N

Bottom Hole Location		
North-South Distance (ft)	From N or S Line	East-West Distance (ft)

Plug Back Total Depths			
Date	Depth (ftKB)	Method	
6/15/1984	7,230.0	TAG	
7/23/2010	7,197.0	TAG	
1/28/2015	7,221.0	TAG WITH 70.06'	51.51' OF R

Wellbore Sections		
Section Des	Size (in)	Act Top, MD (ftKB)
SURFACE	12 1/4	
PRODUCTION	7 7/8	4

Zone Statuses				
Zone Name	Status Date	Status	Fluid Type	Job
CODELL	8/18/1984	PR		DRILLING/CO...
CODELL	7/19/2004	PR		RE-FRAC. 520...
CODELL	1/29/2015	TA		REPAIR WELL...
CODELL	2/2/2015	PR		REPAIR WELL...
NIOBRARA	5/30/1985	PR		RECOMPLETI...
NIOBRARA	1/29/2015	TA		REPAIR WELL...
NIOBRARA	2/2/2015	PR		REPAIR WELL...

Casing Strings				
Surface, 427.0ftKB				
Casing Description	Run Date	OD (in)	W/Len (ft...)	Grade
Surface	6/7/1984	9 5/8	36.00	

Production, 7,288.0ftKB				
Casing Description	Run Date	OD (in)	W/Len (ft...)	Grade
Production	6/14/1984	4 1/2	11.60	J-55

Cement		Top Depth (ftKB)
Description	SURFACE CASING CEMENT	12.0
Description	PRODUCTION CASING CEMENT	884.0
Description	PRODUCTION CASING CEMENT	6,228.0
Description	Dump Bail	6,804.0
Description	Shoe Plug	12.0
Description	Stub	800.0

Tubing Strings					
Tubing Description	Run Date	String ...	ID (in)	Wt (lb/ft)	Gr
Tubing - Production	6/11/2004	2 3/8	2.00	4.70	J-
Tubing - Production	7/23/2010	2 3/8	2.00	4.70	Gr

Thanks,

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Wattenberg Business Unit

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