

Rose-Coss, Dylan, EMNRD

From: Rose-Coss, Dylan, EMNRD
Sent: Thursday, December 22, 2022 8:54 AM
To: Gebremichael, Million, EMNRD
Subject: FW: [EXTERNAL] LFE
Attachments: SWD-2411_Longfellow Energy LP_AID State COM No 1-Order Sn.pdf; C-108_Muskegon_20_State_Com_1_SWD-2408_Approval.pdf

From: Steven Buckler <steven.buckler@longfellowenergy.com>
Sent: Wednesday, December 21, 2022 4:17 PM
To: Rose-Coss, Dylan, EMNRD <DylanH.Rose-Coss@emnrn.nm.gov>; David Cain <david.cain@longfellowenergy.com>
Subject: [EXTERNAL] LFE

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Dylan,

Below is the rule in question. We have CBLs on both the aid state and Muskegon wells. Both have TOC well above the injection intervals as shown in the wellbore diagrams below. We just want to understand that no further cement remediation is required before moving forward.

A 9:30 am CT or MT is good by me for a teams call.

C #2b Ruling

REQUIREMENTS OF 12.15.10 NMAC.

b. Permittee shall circulate to surface the cement for the surface and intermediate casings. If cement does not circulate on any casing string, Permittee shall run a cement bond log ("CBL") to determine the top of cement, then notify the OCD Engineering Bureau, the appropriate OCD Inspection Supervisor, and submit the CBL prior to continuing with any further cementing on the Well. If the cement did not tie back into next higher casing shoe, Permittee shall perform remedial cement action to bring the cement to a minimum of two hundred (200) feet above the next higher casing shoe.

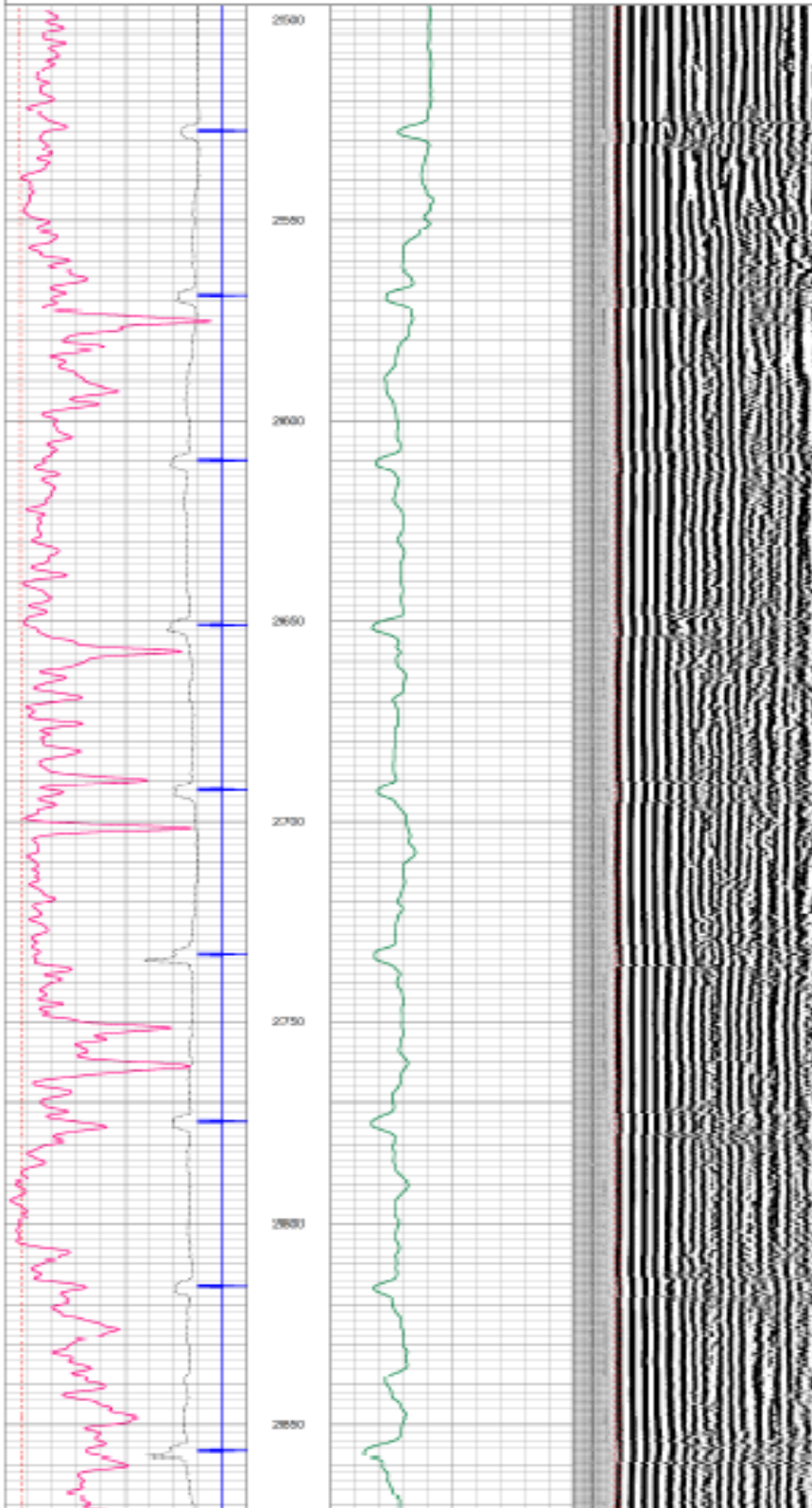
Muskegon WBD sent to OCD/UIC



MAIN PASS

URL: \\sbs\mri
Dataset Pathname: pas111
Presentation Format: csl_5_5
Dataset Creation: Thu Oct 09 10:13:23 2003 by Log 7.0.0.1
Charted by: Depth in Feet scaled 1.240

212	Travel Time (usec)	212	0	Amplitude (mV)	100	200	Variable Density by	1200
0	Collar Locator	-1	0	Amplified Amplitude (mV)	10		Free Pipe Code	
0	c.l.p. (yards)	4000						
0	LTEN (ft)	4000						



Aid State application and wellbore specifics. TOC @ 6600'. See CBL below.

Phone: (505) 476-3460 Fax: (505) 476-3462

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEFEN, FLUGBACK, OR ADD A

¹ Operator Name and Address Longfellow Energy, LP 16803 North Dallas Parkway Addison TX 75001 (972) 2590-9900		² OGRID Number 372210
		³ API Number 30-015-24074
⁴ Property Code	⁵ Property Name AID State Com	⁶ Well No 1

⁷ Surface Location

UL - Lot	Section	Township	Range	Lot Ids	Feet from	N/S Line	Feet From	E/W Line
I	13	17 S	28 E		1980	S	660	E

⁸ Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Ids	Feet from	N/S Line	Feet From	E/W Line

⁹ Pool Information

¹⁰ Pool Name SWD; Cisco - Canyon
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Additional Well Information

¹¹ Work Type P then A (i.e., plugback then add a zone)	¹² Well Type S	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground L 36
¹⁶ Multiple N	¹⁷ Proposed Depth now: 10670'; plan: 9030'	¹⁸ Formation now: Morrow; plan: Canyon	¹⁹ Contractor to be determined	²⁰ Sp upon a
Depth to Ground water 80' in RA 12307 POD 1		Distance from nearest fresh water well 1.05 mi SE of RA 12307 POD 1		Distance to nearest surface water ≈425' SW of drainage

Closed-loop system will be used instead of a lined pit.

²¹ Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Es
Surface	17.5"	13.375"	54	350'	400	
Intermed.	11"	8.625"	24 & 28	2650'	1200	GL (
Production	7.875"	5.5"	17	10670'	1600	66

Casing/Cement Program: Additional Comments

Will set CIBP @ 9065', top with 35' cement, and then perf & dispose from 8750' to 8965'.

²² Proposed Blowout Prevention Program

