

Well Name: PHANTOM BANK 31 FED	Well Location: T26S / R31E / SEC 32 / LOT 4 / 32.001816 / -103.807624	County or Parish/State: EDDY / NM
Well Number: 504H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138868	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547022	Well Status: Producing Gas Well	Operator: FLAT CREEK RESOURCES LLC

Subsequent Report

Sundry ID: 2766870

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 12/20/2023

Time Sundry Submitted: 08:49

Date Operation Actually Began: 05/26/2021

Actual Procedure: Flat Creek Resources respectfully wishes to re-submit this Sundry to replace ID #2389299, filed 5/27/21. This Sundry is to revise the 7-5/8" Intermediate casing cement plan. Please see attached. Attachments include the verbal approval document (e-mail) and the Sundry Notice Detail, originally submitted.

SR Attachments

Actual Procedure

- 504H_Intermediate_Cementing_Revision_BLM_Approval_20231220084309.pdf
- Sundry_504H_Subsequent_Report_Attachment1_12.20.23_20231220084251.pdf

Well Name: PHANTOM BANK 31 FED	Well Location: T26S / R31E / SEC 32 / LOT 4 / 32.001816 / -103.807624	County or Parish/State: EDDY / NM
Well Number: 504H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM138868	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547022	Well Status: Producing Gas Well	Operator: FLAT CREEK RESOURCES LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: SANDRA BELT

Signed on: DEC 20, 2023 08:40 AM

Name: FLAT CREEK RESOURCES LLC

Title: Regulatory

Street Address: 1750 COUNTY ROAD 527

City: BAIRDState: TX

Phone: (432) 413-9797

Email address: SANDRA@PERMIANREGULATORY.COM

Field

Representative Name: Rodney Littleton

Street Address: 777 Main treet, Suote 3600

City: Fort WorthState: TXZip: 76102

Phone: (972)672-4461

Email address: rodney.littleton@flatcreekresources.com

BLM Point of Contact

BLM POC Name: LONG VO

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5759885402

BLM POC Email Address: LVO@BLM.GOV

Disposition: Accepted

Disposition Date: 12/22/2023

Signature: Long Vo

Sundry Notice Detail - Application

Phantom Bank 31 Fed Com 504H

Subsequent Report:

Procedure Description: Revise cementing plan for 7-5/8" intermediate casing

Verbal permission was received from the BLM (Carlsbad Field Office) to revise the intermediate cementing procedure.

The original plan was to pump a single stage down the casing and then to braden head a second stage down the annulus between the surface casing and the 7-5/8" intermediate casing. This operation was based on the expectations of lost returns in the intermediate hole section. As this did not occur, a revised plan was requested.

This revised cementing plan was performed on May 26, 2021 as follows:

- Ran 7-5/8" casing to 10,820' with a stage tool/packer at 3840'.
- Mixed and pumped:
 - First stage lead - 550 sx (374 bbls) at 10.5 ppg – 3.82 ft3/sk
 - First stage tail - 250 sx (68 bbls) at 13.5 ppg – 1.52 ft3/sk
- Bumped first stage plug, pressured up to set external casing packer and dropped bomb to open stage tool.
- Circulated bottoms up through stage tool. Received 150 bbls of cement back at surface.
- Mixed and pumped:
 - Second stage lead – 600 sx (270 bbls) at 11.8 ppg – 2.53 ft3/sk
 - Second stage tail – 250 sx (68 bbls) at 14.8 ppg – 1.33 ft3/sk
- Displace cement and bump plug. Pressured up and closed stage tool. Received 30 bbls of cement back at surface.
- Well static. Full returns throughout cement job.

Rodney Littleton

From: Robert Brosig <robertbrosig@dualec.com>
Sent: Tuesday, May 25, 2021 11:11 AM
To: Rodney Littleton; John Wierzowiecki
Subject: EXT-Fwd: [EXTERNAL] Fwd: Flat Creek Phantom Bank 31 Fed Com 504H 2 Stage Intermediate Labs

FYI, email approval for our change of cement design. He also confirmed that no CBL will be required unless cement isn't circulated to surface

Sent from my iPhone

Begin forwarded message:

From: "Vo, Long T" <lvo@blm.gov>
Date: May 25, 2021 at 10:15:37 AM CDT
To: Robert Brosig <robertbrosig@dualec.com>
Cc: "Girndt, Robert M" <rgirndt@blm.gov>
Subject: Re: [EXTERNAL] Fwd: Flat Creek Phantom Bank 31 Fed Com 504H 2 Stage Intermediate Labs

That is correct only if no remediation is necessary. If cement does not reach surface and circulated, a CBL or temperature log will be required.

Regards,

Long Vo

Petroleum Engineer
Carlsbad Field Office/New Mexico State Office (detail)
Land and Minerals/Fluid Minerals Division (RMG detail)
Bureau of Land Management
Department of Interior
575-234-2226 Office
575-988-5402 Cell

"It is our lack of knowledge that creates uncertainty. Uncertainty is personal since knowledge is personal."

From: Robert Brosig <robertbrosig@dualec.com>
Sent: Tuesday, May 25, 2021 9:06 AM
To: Vo, Long T <lvo@blm.gov>
Cc: Girndt, Robert M <rgirndt@blm.gov>
Subject: Re: [EXTERNAL] Fwd: Flat Creek Phantom Bank 31 Fed Com 504H 2 Stage Intermediate Labs
Thank you sir.

Could you please confirm that Flat Creek will not be required to run a CBL, due to the elimination of the "bradenhead" cement procedure.

Sent from my iPhone

On May 25, 2021, at 8:08 AM, Vo, Long T <lvo@blm.gov> wrote:

Mr. Brosig,

I don't see any issues with the cement procedure for the 7.625" casing. Please follow the attached COA and submit a subsequent report for the changes. You have Verbal approval.

Regards,

Long Vo

Petroleum Engineer
Carlsbad Field Office/New Mexico State Office (detail)
Land and Minerals/Fluid Minerals Division (RMG detail)
Bureau of Land Management
Department of Interior
575-234-2226 Office
575-988-5402 Cell

"It is our lack of knowledge that creates uncertainty. Uncertainty is personal since knowledge is personal."

From: Robert Brosig <robertbrosig@dualec.com>

Sent: Monday, May 24, 2021 2:03 PM

To: Vo, Long T <lvo@blm.gov>

Subject: [EXTERNAL] Fwd: Flat Creek Phantom Bank 31 Fed Com 504H 2 Stage Intermediate Labs

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Long,

See the attached cement tests. My proposal is to put the DV tool at 3840'. Depth of the string is 10840' MD. Cement volumes will be as follows:

550 sx (374 bbl) - 1st Stage Lead – 3.82 ft³/sk – 10.5 ppg

250 sx (68 bbl) - 1st Stage Tail – 1.52 ft³/sk – 13.5 ppg

525 sx (236 bbl) - 2nd Stage Lead – 2.53 ft³/sk – 11.8 ppg

250 sx (59 bbl) - 2nd Stage Tail – 1.33 ft3/sk – 14.8 ppg

----- Forwarded message -----

From: **Keller, Joe** <jkeller@compasswellservices.com>

Date: Mon, May 24, 2021 at 12:19 PM

Subject: Flat Creek Phantom Bank 31 Fed Com 504H 2 Stage Intermediate Labs

To: Robert Brosig <robertbrosig@dualec.com>

Cc: ccscoord <ccscoord@compasswellservices.com>

Here are lab tests for slurries as a 2 stage. Yields are as follows:

1st Stage Lead – 3.82 ft3/sk – 10.5 ppg

1st Stage Tail – 1.52 ft3/sk – 13.5 ppg

2nd Stage Lead – 2.53 ft3/sk – 11.8 ppg

2nd Stage Tail – 1.33 ft3/sk – 14.8 ppg

Let us know if these are ok, and we will update the proposal with these slurries. Let us know the depth of the tool, and the excesses, and tops you want to run for the slurries.

Thanks,

Joseph L. Keller

Cementing Coordinator II

10013 West County Rd 157

Midland, Tx 79706

Office (432)561-5970

Cell (432)238-6722

--

Robert Brosig

Dual Drilling Consultants LLC

432-661-2693

robertbrosig@dualec.com

<Phantom Bank 31 Fed Com 504H-Sundry ID 1064200.pdf>

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 306653

CONDITIONS

Operator: Flat Creek Resources, LLC 777 Main St. Fort Worth, TX 76102	OGRID: 374034
	Action Number: 306653
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	2/5/2024