

Well Name: CUTBOW 36 1 FEDERAL COM	Well Location: T19S / R32E / SEC 25 / SESE / 32.6247068 / -103.7152571	County or Parish/State: LEA / NM
Well Number: 304H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77054	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551499	Well Status:	Operator: AVANT OPERATING LLC

Subsequent Report

Sundry ID: 2765285

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 12/10/2023

Time Sundry Submitted: 12:52

Date Operation Actually Began: 12/08/2023

Actual Procedure: Avant Operating, LLC would like to report the approval to run a DV tool on the 9-5/8 intermediate casing of this well. Verbal approval was giving by Allison Morency on 12/07/23, please see attached email correspondence.

SR Attachments

PActual Procedure

Cutbow_DV_Tool_Verbal_Approval_12.7.23_20231210125226.pdf

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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: MEGHAN TWELE

Signed on: DEC 10, 2023 12:52 PM

Name: AVANT OPERATING LLC

Title: Contract Regulatory Analyst

Street Address: 1515 WYNKOOP ST SUITE 700

City: DENVER

State: CO

Phone: (720) 339-6880

Email address: MTWELE@OUTLOOK.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted

Disposition Date: 12/14/2023

Signature: Jonathon Shepard

From: Ryan Harris <ryan@avantnr.com>
Sent: Thursday, December 7, 2023 8:44 PM
To: HP460 <HP460@avantnr.com>
Cc: Blake Burney <blake@avantnr.com>; Sarah Ferreyros <sarah@avantnr.com>
Subject: Fwd: [EXTERNAL] Avant - Cutbow 36 1 Fed Com 304H & 305H Alternate Proposal

Good evening,

We just received approval for the same secondary procedure for a DV tool in the 9-5/8" casing for the remaining Cutbow pad wells.

Please include a note in the DDR's for each well:

"ENGINEER RECEIVED EMAIL FROM ALLISON MORENCY (BLM) ON 12/07/23 APPROVING DV TOOL FOR THE 9-5/8" INTERMEDIATE SECTION."

Let me know if you have any concerns.

Thanks,
Ryan

Begin forwarded message:

From: "Morency, Allison E" <amorency@blm.gov>
Date: December 7, 2023 at 7:50:06 PM MST
To: Ryan Harris <ryan@avantnr.com>
Cc: "Stevens, Zota M" <zstevens@blm.gov>
Subject: Re: [EXTERNAL] Avant - Cutbow 36 1 Fed Com 304H & 305H Alternate Proposal

Approval granted for the extension of the contingency DV tool to the other two cut bow wells.

Please reach out if you have any issues.

Sincerely,

Allison Morency

Petroleum Engineer

Carlsbad Field Office

Bureau of Land Management

575-234-5709

On Dec 7, 2023, at 7:33 PM, Ryan Harris <ryan@avantnr.com> wrote:

Good evening,

See the thread below. As we discussed over the phone, we would like to extend this secondary procedure approval to the other 2 pad wells.

All 3 pad wells have the same target 9-5/8" casing TVD.

Cutbow 36 1 Fed Com 305H

API: 30-025-51500

Cutbow 36 1 Fed Com 304H

API:30-025-51499

Thank you,
Ryan Harris
Avant Natural Resources
Drilling & Completions Engineer
406.853.6490

From: Stevens, Zota M <zstevens@blm.gov>

Sent: Thursday, December 7, 2023 6:55 AM

To: Ryan Harris <ryan@avantnr.com>

Cc: Sarah Ferreyros <sarah@avantnr.com>; Blake Burney <blake@avantnr.com>; HP460 <HP460@avantnr.com>

Subject: Re: [EXTERNAL] Avant - Cutbow 36 1 Fed Com 306H

Ryan,

Per our conversation, you are approve for the use of the DV Tool for the Intermediate Section.

Zota Stevens
Bureau of Land Management
Petroleum Engineer
Phone: 575.234.5998
Cell: 575.361.8620
Email: zstevens@blm.gov

From: Ryan Harris <ryan@avantnr.com>

Sent: Thursday, December 7, 2023 5:53 AM

To: Stevens, Zota M <zstevens@blm.gov>

Cc: Sarah Ferreyros <sarah@avantnr.com>; Blake Burney <blake@avantnr.com>; HP460 <HP460@avantnr.com>

Subject: [EXTERNAL] Avant - Cutbow 36 1 Fed Com 306H

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

Operator: Avant Natural Resources
Well Name: Cutbow 36 1 Fed Com 306H
API Number: 30-025-51501

Good morning Mr. Stevens,

As we discussed on the call, we lost full returns while drilling the 12.25" intermediate at 3,550'. Decision made to run DV tool and packer to set at 3,200' and pump a 2 stage cement design.

Please reply with approval to move forward with this plan.

Thank you,
Ryan Harris
Drilling & Completions Engineer
C: 406.853.6490



Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 294876

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 294876
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	6/4/2025