

Well Name: CUTBOW 36 1 FEDERAL COM	Well Location: T19S / R32E / SEC 25 / SESE / 32.6247068 / -103.71515	County or Parish/State: LEA / NM
Well Number: 305H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM77054	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002551500	Well Status: Drilling Well	Operator: AVANT OPERATING LLC

Subsequent Report

Sundry ID: 2765286

Type of Submission: Subsequent Report

Date Sundry Submitted: 12/10/2023

Date Operation Actually Began: 12/08/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 12:58

**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\_20231210125531.pdf

Received by OCD: 12/14/2023 4:02:49 PM

Page 2 of 6

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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 12:58 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](mailto:ryan@avantnr.com)>  
**Sent:** Thursday, December 7, 2023 8:44 PM  
**To:** HP460 <[HP460@avantnr.com](mailto:HP460@avantnr.com)>  
**Cc:** Blake Burney <[blake@avantnr.com](mailto:blake@avantnr.com)>; Sarah Ferreyros <[sarah@avantnr.com](mailto: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](mailto:amorency@blm.gov)>  
**Date:** December 7, 2023 at 7:50:06 PM MST  
**To:** Ryan Harris <[ryan@avantnr.com](mailto:ryan@avantnr.com)>  
**Cc:** "Stevens, Zota M" <[zstevens@blm.gov](mailto: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](mailto: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](mailto:zstevens@blm.gov)>

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

**To:** Ryan Harris <[ryan@avantnr.com](mailto:ryan@avantnr.com)>

**Cc:** Sarah Ferreyros <[sarah@avantnr.com](mailto:sarah@avantnr.com)>; Blake Burney <[blake@avantnr.com](mailto:blake@avantnr.com)>; HP460 <[HP460@avantnr.com](mailto: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](mailto:zstevens@blm.gov)

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**From:** Ryan Harris <[ryan@avantnr.com](mailto:ryan@avantnr.com)>

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

**To:** Stevens, Zota M <[zstevens@blm.gov](mailto:zstevens@blm.gov)>

**Cc:** Sarah Ferreyros <[sarah@avantnr.com](mailto:sarah@avantnr.com)>; Blake Burney <[blake@avantnr.com](mailto:blake@avantnr.com)>; HP460 <[HP460@avantnr.com](mailto: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 294878

CONDITIONS

Operator: Avant Operating, LLC 6001 Deauville Blvd Midland, TX 79706	OGRID: 330396
	Action Number: 294878
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

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