

# Additional Information

Mack Energy  
Denali SWD-2533

E-mail requesting updated Wellbore diagram. Also  
provide clarification on well API number

**From:** [Deana Weaver](#)  
**To:** [Harris, Anthony, EMNRD](#); [Jerry Sherrell](#)  
**Cc:** [Goetze, Phillip, EMNRD](#)  
**Subject:** [EXTERNAL] RE: Denali SWD - Updated Wellbore Diagram & API# discrepancy  
**Date:** Friday, October 18, 2024 10:03:37 AM  
**Attachments:** [image004.jpg](#)  
[image006.jpg](#)  
[image007.jpg](#)  
[Denali SWD #1 Wellbore 2024.pdf](#)

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

Thank you

Deana Weaver  
Regulatory Technician II  
Mack Energy Corporation  
575-748-1288

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**From:** Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>  
**Sent:** Friday, October 18, 2024 9:21 AM  
**To:** Jerry Sherrell <jerrys@mec.com>; Deana Weaver <dweaver@mec.com>  
**Cc:** Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>  
**Subject:** Denali SWD - Updated Wellbore Diagram & API# discrepancy

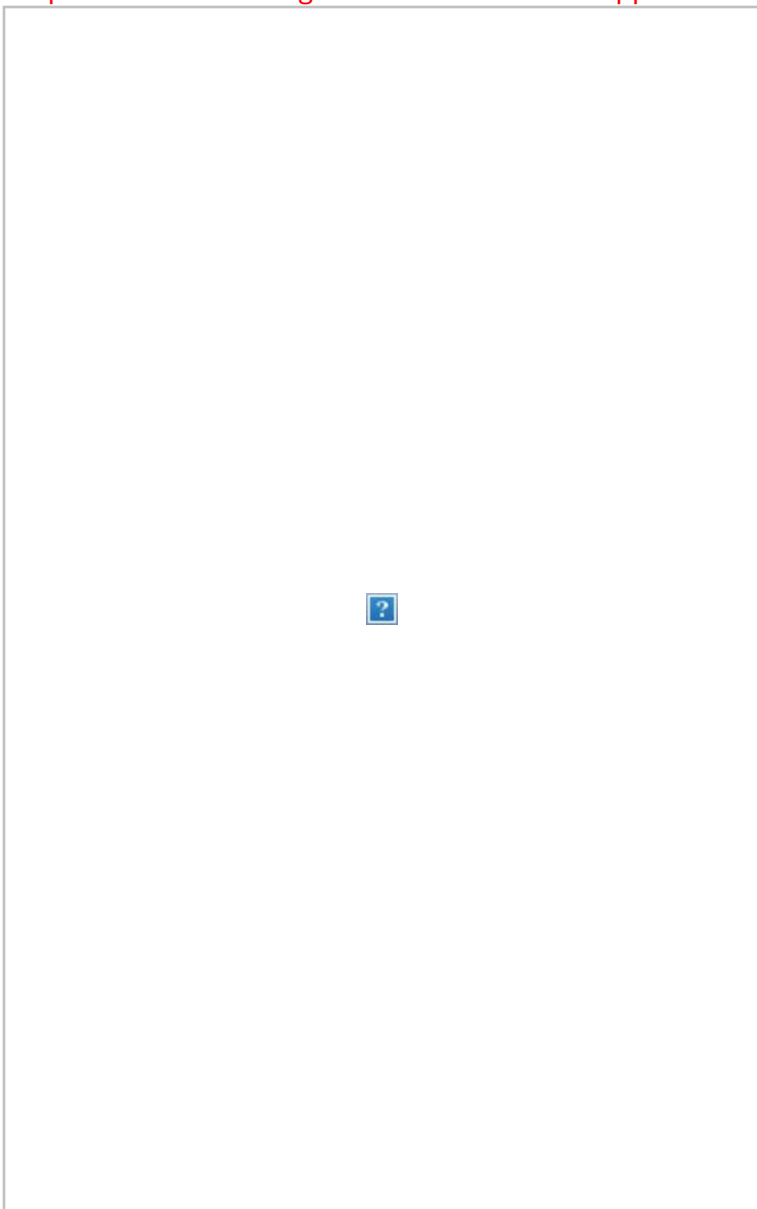
EXTERNAL EMAIL - Verify the sender and use caution before opening attachments or clicking links

Hi Jerry

We have noted that the Subject well has two API numbers in the OCD system, and we will work to have this resolved. The API number will revert back to the original API# assigned to this well (30-015-32444) and the subsequently assigned API# (30-015-45150) will eventually be removed from the system

With respect to the criteria for running a DV tool, you mention it will be run only if loss-circulation zones are encountered. However, since cement will be circulated to surface, there is potential for breakdown/fracturing of the exposed formation(s) from 2013 ft – 10,150 ft during the cement placement process which may also warrant the use of a DV tool (irrespective of whether loss-circulation is encountered during drilling). Based upon Mack Energy's drilling and cementing experience in the region, could you please provide an update to the wellbore diagram from your application (see below) to reflect the plan for utilizing a DV tool, if applicable, together with the original API# (30-015-32444).

Proposed Wellbore diagram from Denali SWD Application



Regards  
Tony Harris  
Petroleum Specialist  
[Anthony.harris@emnrd.nm.gov](mailto:Anthony.harris@emnrd.nm.gov)  
505 549 8131.



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**From:** Jerry Sherrell <[jerrys@mec.com](mailto:jerrys@mec.com)>  
**Sent:** Tuesday, October 15, 2024 1:31 PM  
**To:** Harris, Anthony, EMNRD <[Anthony.Harris@emnrd.nm.gov](mailto:Anthony.Harris@emnrd.nm.gov)>; Deana Weaver <[dweaver@mec.com](mailto:dweaver@mec.com)>  
**Subject:** [EXTERNAL] RE: Denali SWD - Updated Wellbore Diagram

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Anthony,

Mack Energy does not intend to run any DV / Stage tool on this well. Should we encounter a lost circulation zone we will run a DV / Stage to ensure circulation of cement to surface. Please see the attached WBD as a contingency.

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**From:** Harris, Anthony, EMNRD <[Anthony.Harris@emnrd.nm.gov](mailto:Anthony.Harris@emnrd.nm.gov)>  
**Sent:** Tuesday, October 15, 2024 11:18 AM  
**To:** Deana Weaver <[dweaver@mec.com](mailto:dweaver@mec.com)>; Jerry Sherrell <[jerrys@mec.com](mailto:jerrys@mec.com)>  
**Subject:** Denali SWD - Updated Wellbore Diagram

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Good Morning

The subject permit is being drafted and will be sent for final review ASAP.. To help ensure consistency between the SWD permit and the APD, can you please advise if any DV / Stage tools are planned for the well?

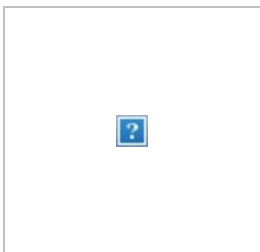
If multi-stage cementing operations are planned for any casing string(s), please send an updated wellbore diagram with details of the depth(s) of the DV/Stage tool(s) for inclusion in the SWD permit and wellfile.

Regards  
Tony Harris

Petroleum Specialist

[Anthony.harris@emnrd.nm.gov](mailto:Anthony.harris@emnrd.nm.gov)

505 549 8131.



30-015-32444		Denali SWD #1- After					
		Operator: Mack Energy Corporation Location: Sec. 3 T16S R28E 660 FSL 1980 FEL Objective: Devonian GL Elevation: 3601.6'					
Depth	Hole Size & Cement					Casing Detail	
352'	17 1/2" hole						13 3/8", 46# 600sx, circ Set in 2002
2,013'	12 1/4" hole						8 5/8", #32 850sx, circ  Set in 2002
10,150'	7 7/8" hole						5 1/2", #17 1725sx, circ
							DV Tool 5,025' +/-
							Arrow Set 10K 5 1/2" x 2 7/8"
							Nickel Plated Packer 2.81 Profile Nipple 10,050' Open Hole 10,150-10,650'
		TD- 10,150'					

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<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 427221

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 427221
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	1/31/2025