

Additional Information

Mack Energy
Manitoba SWD-2610

Formation Tops and Updated
Wellbore Diagram
Oct 2, 2024

From: [Deana Weaver](#)
To: [Harris, Anthony, EMNRD](#); [Jerry Sherrell](#)
Cc: [Goetze, Phillip, EMNRD](#); [Gebremichael, Million, EMNRD](#); [Sandoval, Stacy, EMNRD](#); [Chavez, Carl, EMNRD](#)
Subject: RE: [EXTERNAL] RE: Mack Energy - Manitoba SWD#1: Additional Information required - DV tools?
Date: Wednesday, October 2, 2024 10:31:51 AM
Attachments: [Wellbore.pdf](#)

Thank you

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

From: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>
Sent: Wednesday, October 02, 2024 10:02 AM
To: Jerry Sherrell <jerrys@mec.com>; Deana Weaver <dweaver@mec.com>
Cc: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>; Gebremichael, Million, EMNRD <Million.Gebremichael@emnrd.nm.gov>; Sandoval, Stacy, EMNRD <Stacy.Sandoval@emnrd.nm.gov>; Chavez, Carl, EMNRD <Carlj.Chavez@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Mack Energy - Manitoba SWD#1: Additional Information required - DV tools?

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

Good Morning, Jerry

Thank you for the updated information. Can you please clarify if DV / Stage tools will be utilized during cementing operations for any of the proposed casing strings? If DV/Stage tools are planned, please send an updated wellbore diagram to illustrate those components in the casing string(s).

Please contact me if you have any questions or require clarification

Regards
Tony Harris
Petroleum Specialist
Anthony.harris@emnrd.nm.gov
505 549 8131.



From: Jerry Sherrell <jerrys@mec.com>
Sent: Monday, September 30, 2024 10:23 AM
To: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>; Deana Weaver <dweaver@mec.com>
Cc: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>; Gebremichael, Million, EMNRD <Million.Gebremichael@emnrd.nm.gov>; Sandoval, Stacy, EMNRD <Stacy.Sandoval@emnrd.nm.gov>; Chavez, Carl, EMNRD <Carlj.Chavez@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Mack Energy - Manitoba SWD#1: Additional Information required

Good Morning,

I am attaching some information requested about the Fresh Water in this area. According to the OSE the depth of fresh water in this area is 85', formation is Qoa - Older alluvial deposits. Mack Energy proposed to set surface casing at 450'. BLM recommended setting at 380' or 25' into the Rustler formation. This should protect all USDW. There is no USDW below our proposed injection interval.

Jerry W. Sherrell
Regulatory Supervisor
Mack Energy Corporation
Bulldog Operating Company
PO Box 960
Artesia, NM 88210
Office 575-748-1288
Cell 575-703-7382
jerrys@mec.com

From: Harris, Anthony, EMNRD <Anthony.Harris@emnrd.nm.gov>
Sent: Thursday, September 26, 2024 2:24 PM
To: Jerry Sherrell <jerrys@mec.com>; Deana Weaver <dweaver@mec.com>
Cc: Goetze, Phillip, EMNRD <phillip.goetze@emnrd.nm.gov>; Gebremichael, Million, EMNRD <Million.Gebremichael@emnrd.nm.gov>; Sandoval, Stacy, EMNRD <Stacy.Sandoval@emnrd.nm.gov>; Chavez, Carl, EMNRD <Carlj.Chavez@emnrd.nm.gov>

Manitoba SWD #1
1668 FSL 1980 FEL
Sec. 23 T15S R29E
Formation Tops

Quaternary	Surface
Top Salt	462'
Base Salt	1023'
Yates	1187'
San Andres	2605'
Glorieta	4060'
Tubb	5382'
Abo	6155'
Wolfcamp	7495'
Atoka	9689'
U. Miss	10,200'
L. Miss	10,435'
Devonian	10,985'
Montoya	11,525'
Simpson	11,725'
Ellenburger	11,992'

Manitoba SWD #1										
Operator: Mack Energy Corporation Location: Sec. 23 T15S R29E 1668 FSL 1980 FEL Objective: Devonian GL Elevation: 3937.6'										
Depth	Hole Size & Cement								Casing Detail	
450'	17 1/2" hole 575sx RFC Circ to Surface								13 3/8" 48#, H-40 ST&C 450'	
2,900'	12 1/4" hole 925sx Class C Circ to Surface								9 5/8" 36#, J-55, ST&C 2900'	
11,525'	8 3/4" hole 1,390sx 50/50 Circ to Surface								7" 26#, HPC-110, LT&C 0-10985'	
									3 1/2" 9.30# L-80 tubing 0-10,890'	
									Arrow Set 10K (7"x3 1/2") Nickel Plated Packer with a 2.81" Profile Nipple 10,890'	
									DV Tool @ 5,500'	
TD- 11,525'										

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 395043

CONDITIONS

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 395043
	Action Type: [IM-SD] Admin Order Support Doc (ENG) (IM-AAO)

CONDITIONS

Created By	Condition	Condition Date
anthony.harris	None	10/23/2024