

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 33 / SWNW / 36.856127 / -107.37341	County or Parish/State: RIO ARRIBA / NM
Well Number: 756H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078773	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931458	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2854872

Type of Submission: Subsequent Report	Type of Action: Drilling Operations
Date Sundry Submitted: 05/28/2025	Time Sundry Submitted: 08:34
Date Operation Actually Began: 05/04/2025	

**Actual Procedure:** 10/04/2024 - PT 13-3/8" casing to 1500psi/30mins. Good test. 10/05 - 10/15/2024 - Drill 12-1/4" hole section to TD of 6330' on 10/6/24. RIH w/154jts of 9-5/8" casing, 47.0#, L-80, BTC, landed @ 6576', FC @ 6488', DV tool @ 3834' & 4954'. Stage 1 - Mix & pump 477sx (161bbls, 906cf) Class G cmt, 65/35 POZ, 1.90 yield, 12.4ppg. Tailed w/458sx (90bbls, 504cf) Premium Class G cmt @ 15.8ppg, 1.10 yield. Displaced w/475bbls. Bump plug @ 1450psi. Circ 80bbls cmt to surface. Install offline adapter. Stage 2 - Mix & pump 1075sx (364bbls, 2043cf) Class G cmt 65/35 POZ, 1.90yield, 12.4ppg. Tailed w/256sx (72bbls, 404cf) Class G cmt, @ 13.2ppg, 1.58yield. Displaced w/360bbls with water. Run CBL. TOC @ ~800'. Test 9-5/8" casing to 1600psi/30mins on 10/16/24. Good test. 10/18/2024 - Received approval from Dustin Porch (BLM) and Monica Kuehling (NMOCD) to proceed with operations. See attached email chain.

SR Attachments

**PA**Actual Procedure

RE\_\_EXTERNAL\_\_Logos\_\_Rosa\_Unit\_756H\_\_9\_5\_8\_\_CBL\_for\_BLM\_NMOCD\_20250528083432.pdf

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 33 / SWNW / 36.856127 / -107.37341

County or Parish/State: RIO ARRIBA / NM

Well Number: 756H

Type of Well: CONVENTIONAL GAS WELL

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Lease Number: NMSF078773

Unit or CA Name: ROSA UNIT

Unit or CA Number: NMNM78407E

US Well Number: 3003931458

Operator: LOGOS OPERATING 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: ETTA TRUJILLO

Signed on: MAY 28, 2025 08:35 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: Farmington State: NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 05/28/2025

Signature: Matthew Kade

**From:** [Porch, Dustin T](#)  
**To:** [Ryan Haddow](#)  
**Subject:** RE: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD  
**Date:** Friday, October 18, 2024 9:56:23 AM  
**Attachments:** [image001.png](#)

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**Porch, Dustin T** reacted to your message:

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**From:** Ryan Haddow <rhaddow@logosresourcesllc.com>  
**Sent:** Friday, October 18, 2024 3:51:35 PM  
**To:** Porch, Dustin T <dporch@blm.gov>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>  
**Cc:** Vanessa Fields <vfields@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Lacey Granillo <lgranillo@logosresourcesllc.com>; Randy Edgeington <redgeington@logosresourcesllc.com>  
**Subject:** RE: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

Sounds good.

Thank you!

Ryan Haddow  
713-206-2421

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**From:** Porch, Dustin T <dporch@blm.gov>  
**Sent:** Friday, October 18, 2024 9:45 AM  
**To:** Ryan Haddow <rhaddow@logosresourcesllc.com>; Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>  
**Cc:** Vanessa Fields <vfields@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Lacey Granillo <lgranillo@logosresourcesllc.com>; Randy Edgeington <redgeington@logosresourcesllc.com>  
**Subject:** Re: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

Good Morning Ryan,  
Thank you for the update. Virgil and myself just spoke with Monica and we all agree to move forward with operations as planned: drill out 9-5/8" shoe, drill 8-1/2" hole section, run 5-1/2" casing, and cement.  
If you have any further questions, let us know.  
Thanks

Dustin Porch

Supervisor Petroleum Engineer Technician  
Farmington Field Office  
6251 College Blvd, Farmington NM  
(505) 564-7784

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**From:** Ryan Haddow <[rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)>

**Sent:** Friday, October 18, 2024 9:29 AM

**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Lucero, Virgil S <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Porch, Dustin T <[dporch@blm.gov](mailto:dporch@blm.gov)>

**Cc:** Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>; Randy Edgeington <[redgeington@logosresourcesllc.com](mailto:redgeington@logosresourcesllc.com)>

**Subject:** RE: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

Hi Virgil, Dustin, and Monica.

This is regarding the **Rosa Unit 756H well**.

Please find attached the updated wellbore diagram with the Nacimiento Formation added and clarified TOC's, per your request Monica.

We are requesting approval to move forward with operations as planned: drill out 9-5/8" shoe, drill 8-1/2" hole section, run 5-1/2" casing, and cement.

Here is the recap of the situation:

**Situation:**

On 10/7/2024, we pumped the 9-5/8" 1<sup>st</sup> stage cement job as planned, set the lower ICP (#1), opened the lower DV tool (#1) and received 80 bbls cement to surface.

On 10/8/2024, pumped the 9-5/8", 2<sup>nd</sup> stage cement job, lost returns at the very end of displacement and did not circulate any cement to surface. After landing the DV tool #1 closing plug, bumped plug from 700 psi to 2000 psi (1300 over circulating pressure). Began pumping and inflated packer from 2000 psi to 2400 psi, 2400-2600, 2600-2800. Observed pressure drop off to 470psi. Pumped in and attempt to surge valve on packer 3 times to get it to close. No success. Bled back a total of 4.5 bbls to ensure cement was not over displaced. Shut well in with 417 psi and allowed cement to set up for 38 hrs.

On 10/10/2024, ran a CBL from 3,820' to Surface offline per COA in the APD, and found TOC at ~800'.

On 10/11/2024, pressure tested casing to 500 psi (good test).

On 10/14/2024, dropped the upper DV tool (#2) closing plug and shifted DV tool #2 closed.

On 10/15/2024, drilled out upper DV tool (#2). Tested casing to 1500 psi for 5 mins (good test), drilled out lower DV tool (#1) and ~100' cement stringer.

On 10/16/2024, TIH to Float Collar and tested 9-5/8" casing 1600 psi for 30 minutes (good test).

Please let us know if we can proceed forward, or if you have any questions. I can set up a teams call today to review as well if needed.

Thank you.

Best regards,

**Ryan Haddow**

Drilling Manager  
LOGOS Operating, LLC  
2010 Afton Place  
Farmington, NM 87401

**Cell:** 713-206-2421

**Email:** [rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)



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**From:** Ryan Haddow

**Sent:** Wednesday, October 16, 2024 2:48 PM

**To:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>; Virgil Lucero <[vlucero@blm.gov](mailto:vlucero@blm.gov)>

**Cc:** Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>;

Lacey Granillo <[LGranillo@logosresourcesllc.com](mailto:LGranillo@logosresourcesllc.com)>; Randy Edgeington

<[redgeington@logosresourcesllc.com](mailto:redgeington@logosresourcesllc.com)>

**Subject:** RE: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

Monica,

No, we do not have a log from 6573' to 4953'. The CBL we ran was ran from the upper DV tool to surface. We had not drilled the DV tools out at that point.

Thanks.

Ryan Haddow

713-206-2421

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**From:** Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Sent:** Wednesday, October 16, 2024 2:37 PM  
**To:** Ryan Haddow <[rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)>; Virgil Lucero <[vlucero@blm.gov](mailto:vlucero@blm.gov)>  
**Cc:** Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>; Randy Edgeington <[redgeington@logosresourcesllc.com](mailto:redgeington@logosresourcesllc.com)>  
**Subject:** RE: [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

did you run a log from 6576 to 4953 I don't see where cement came to surface

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**From:** Ryan Haddow <[rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)>  
**Sent:** Wednesday, October 16, 2024 1:28 PM  
**To:** Virgil Lucero <[vlucero@blm.gov](mailto:vlucero@blm.gov)>; Kuehling, Monica, EMNRD <[monica.kuehling@emnrd.nm.gov](mailto:monica.kuehling@emnrd.nm.gov)>  
**Cc:** Ryan Haddow <[rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)>; Vanessa Fields <[vfields@logosresourcesllc.com](mailto:vfields@logosresourcesllc.com)>; Etta Trujillo <[etrujillo@logosresourcesllc.com](mailto:etrujillo@logosresourcesllc.com)>; Lacey Granillo <[lgranillo@logosresourcesllc.com](mailto:lgranillo@logosresourcesllc.com)>; Randy Edgeington <[redgeington@logosresourcesllc.com](mailto:redgeington@logosresourcesllc.com)>  
**Subject:** [EXTERNAL] Logos / Rosa Unit 756H - 9-5/8" CBL for BLM/NMOCD

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

Good afternoon, Virgil and Monica,

This is regarding the **Rosa Unit 756H well**. We'd like to review on a call later today if possible, does 3PM work for you?

**Situation:**

On 10/7/2024, we pumped the 9-5/8" 1<sup>st</sup> stage cement job as planned, set the lower ICP (#1), opened the lower DV tool (#1) and received 80 bbls cement to surface.

On 10/8/2024, pumped the 9-5/8", 2<sup>nd</sup> stage cement job, lost returns at the very end of displacement and did not circulate any cement to surface. After landing the DV tool #1 closing plug, bumped plug from 700 psi to 2000 psi (1300 over circulating pressure). Began pumping and inflated packer from 2000 psi to 2400 psi, 2400-2600, 2600-2800. Observed pressure drop off to 470psi. Pumped in and attempt to surge valve on packer 3 times to get it to close. No success. Bled back a total of 4.5 bbls to ensure cement was not over displaced. Shut well in with 417 psi and allowed cement to set up for 38 hrs.

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On 10/16/2024, TIH to Float Collar and tested 9-5/8" casing 1600 psi for 30 minutes (good test).

Please find attached is Rosa Unit 756H – 9-5/8" CBL, 9-5/8" casing test chart, and wellbore diagram for reference.

**Plan forward:**

We are requesting approval to move forward with operations as planned (drill out 9-5/8" shoe, drill 8-1/2" hole section, run 5-1/2" casing, and cement).

Please let us know if we can proceed forward, or if you have any questions.

Thank you.

Best regards,

**Ryan Haddow**

Drilling Manager  
LOGOS Operating, LLC  
2010 Afton Place  
Farmington, NM 87401

**Cell:** 713-206-2421

**Email:** [rhaddow@logosresourcesllc.com](mailto:rhaddow@logosresourcesllc.com)



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<https://www.emnrd.nm.gov/oed/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 470987

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 470987
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
keith.dziokonski	None	6/5/2025