

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 25 / NENW / 36.87435 / -107.41756	County or Parish/State: RIO ARRIBA / NM
Well Number: 165D	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT, ROSA UNIT--DK, ROSA UNIT--MV	Unit or CA Number: NMNM78407A, NMNM78407B, NMNM78407E
US Well Number: 3003930690	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2779266

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 03/12/2024

Time Sundry Submitted: 11:36

Date proposed operation will begin: 04/01/2024

Procedure Description: LOGOS Operating, LLC request to drill out plugs and return well to production. See attached operations procedure and wellbore schematic.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_165D_NOI_to_Drill_Out_Bridge_Plug_20240307_20240312113501.pdf

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US Well Number: 3003930690	Well Status: Producing Gas Well	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: MAR 12, 2024 11:35 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 03/12/2024

Signature: Kenneth Rennick

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB
No. 1004-0137 Expires:
December 31, 2024

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NMSF078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
LOGOS OPERATING, LLC

3a. Address 2010 AFTON PLACE
FARMINGTON, NM 87401

3b. Phone No. (include area code)
(505) 278-8720

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
UNIT C SEC 25 T31N 6W 1280' FNL 1635' FWL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.
ROSA UNIT 165D

9. API Well No.
30-039-30690

10. Field and Pool or Exploratory Area
BLANCO MESAVERD/BASIN MANCOS / BASIN DAKOTA

11. Country or Parish, State
RIO ARRIBA, NEW MEXICO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drill out BP
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Well was isolated with Semi Composite BP @ 7962' & 7951' and Cement Retainer @ 6910' due to PAD 29 completions.

LOGOS Operating, LLC request to drill out plugs and return well to production. See attached operations procedure and wellbore schematic.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
Etta Trujillo

Title Regulatory Specialist

Signature 

Date 3/7/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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.

(Instructions on page 2)



WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2023)

Rosa Unit 165D

30-039-30690

**1280' FNL & 1635' FWL
Section 25, T31N, R06W
Rio Arriba, New Mexico**

**LAT: 36.8743362° N LONG: -107.417572° W
Mesaverde/Mancos/Dakota**

PROJECT OBJECTIVE:

The Rosa Unit 165D is at risk of catastrophic failure from the nearby Pad 29 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months.

WORKOVER PROCEDURE:

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. TOOH and stand back tubing.
5. Set bridge plug within 50' of the Dakota perforations.
6. TIH and set cement retainer at ~6910'.
7. RIH with pressure gauge and tubing and sting into retainer.
8. Leave well shut in during offset completions and post completions for pressure monitoring.
9. Once offset completions are complete and adequate pressure monitoring data has been collected, TOOH with tubing and laydown pressure gauge.
10. Trip in hole and mill out cement retainer and bridge plug.
11. Run 2-3/8" tubing back in hole and return well to production.

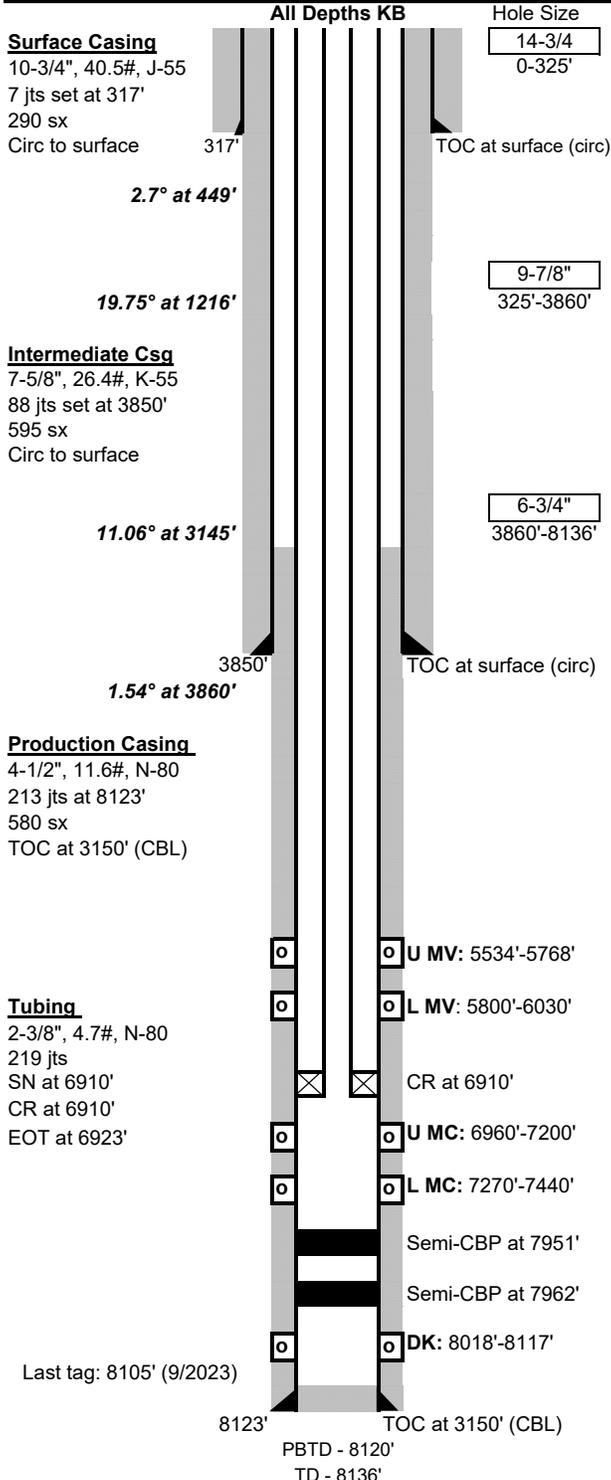


Wellbore Schematic

Well Name: Rosa Unit 165D
 Location: Sec 25, T31N, R06W 1280' FNL & 1635' FWL
 County: Rio Arriba, NM
 API #: 30-039-30690
 Co-ordinates: Lat 36.8743362 Long -107.417572
 Elevations: GROUND: 6403'
 KB: 6419'
 Depths (KB): PBTD: 8120'
 TD: 8136'

Date Prepared: 2/18/2020 Gomez
 Reviewed By: 7/18/2023 Moss
 Last Updated: 9/22/2023 Sprague
 Spud Date: 9/14/2009
 Completion Date: 11/19/2009
 Last Workover Date: 9/6/2023

DIRECTIONAL WELLBORE



Surface Casing: (9/14/2009)

Drilled a 14-3/4" surface hole to 325'. Set 7 jts 10-3/4", 40.5#, J-55 casing at 317' Cmt w/ 290 sx Type III cmt (521 ft3, 13.5 ppg, 1.796 yield). Circ 45 bbl to surface.

Intermediate Casing: (9/22/2009)

Drilled a 9-7/8" intermediate hole to 3860'. Set 88 jts 7-5/8", 26.4#, K-55 csg at 3850'. Cmt lead w/ 495 sx Extendacem (1351 ft3, 11.53 ppg, 2.73 yield). Tail w/ 100 sx Premium cmt (117.8 ft3, 15.6 ppg, 1.178 yield). Circ 60 bbls to surface.

Production Casing: (9/25/2009)

Drilled a 6-3/4" production hole to 8136'. Set 213 jts 4-1/2", 11.6#, N-80 csg at 8123'. Marker jt at 5493'. Cmt w/ 580 sx Fraccem (810 ft3, 13.1 ppg, 1.397 yield). TOL at 3150' (CBL-10/1/2009)

Tubing: (9/6/2023)	Length (ft)
KB	16
(2) 2-3/8" pup jts 10', 6'	16
(219) 2-3/8", 4.7#, N-80 EUE tbg jts	6878
(1) 1.78" SN at 6910'	1
(1) P-4000C Gauge Assembly	6
(1) 2-3/8" x 4' pup joint	4
(1) CR stinger	2
Set at:	6923 ft

Perforations:

DK (8018'-8117'): 66, 0.34" holes. 8018', 21, 24, 27, 30, 33, 36, 62, 65, 68, 71, 74, 77, 87, 90, 97, 8100', 07, 10, 13, 15, 8117'.

Frac w/ 5,681# 100 mesh BASF & 81,169# 40/70 BASF

Lower MC (7270'-7440'): 69, 0.34" holes. 7270', 75, 80, 87, 91, 7300', 09, 15, 24, 31, 39, 50, 60, 75, 79, 84, 92, 7400', 10, 20, 30, 34, 7440'.

Frac w/ 4,984# 100 mesh BASF & 99,817# 40/70 BASF.

Upper MC (6960'-7200'): 75, 0.34" holes. 6960', 70, 80, 90, 7000', 10, 20, 30, 40, 50, 60, 70, 80, 90, 7100', 10, 20, 30, 40, 50, 60, 80, 90, 7200'.

Frac w/ 5089# 100 mesh BASF & 110,678# 40/70 BASF.

Lower MV (5800'-6030'): 47, 0.34" holes. 5800', 04, 08, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 56, 60, 64, 68, 74, 78, 82, 86, 90, 94, 98, 5926', 28, 30, 42, 44, 46, 48, 50, 64, 66, 68, 74, 76, 80, 82, 98, 6000', 02, 04, 24, 26, 28, 6030'.

Frac w/ 90,983# 20/40 mesh BASF.

Upper MV (5534'-5768'): 46, 0.34" holes. 5534', 36, 38, 44, 46, 48, 78, 80, 82, 84, 86, 88, 96, 98, 5600', 02, 04, 06, 08, 10, 24, 26, 28, 30, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 5716', 18, 20, 22, 54, 56, 58, 60, 62, 64, 66, 5768'.

Frac w/ 78,828# 20/40 BASF.

Formations: MD

Lewis	3756'	Mancos	6261'
Cliffhouse	5528'	Graneros	7889'
Point Lookout	5799'	Dakota	8018'

Additional Notes:

11/2009 Initial Completion. Frac & stim'd the MV, MC, & DK. Tri-mingled upon completion. Set 2-3/8" tbg at 8025'.

05/2010 Tag fill at 8105' & CO to PBTD. Run spinner survey. EOT at 8089'.

03/2011 Pull tbg, no notes on tbg condition. Ran tbg back in, EOT at 8051'.

06/2011 Tagged PBTD at 8120', pulled tbg & ran completion profiler. EOT at 8089'.

09/2023 Wellbore isolation/ pressure monitoring for Pad 29 offset completions.

Tagged fill at 8105'. Scanned tbg out: 192Y, 47B, 8G, 8R. No scale on tbg. LD bad jts due to internal pitting. TIH 4-1/2" Semi-CPB and packer to 7968'. Couldn't set BP.

TOOH, BP not on setting tool. Tagged 1st BP at 7962'. Set 2nd BP at 7951'. Set CR at 6910'. TIH 2-3/8" tbg w/ pressure gauge assembly and stung into CR. EOT at 6923'. Tied in gauge line to surface panel.

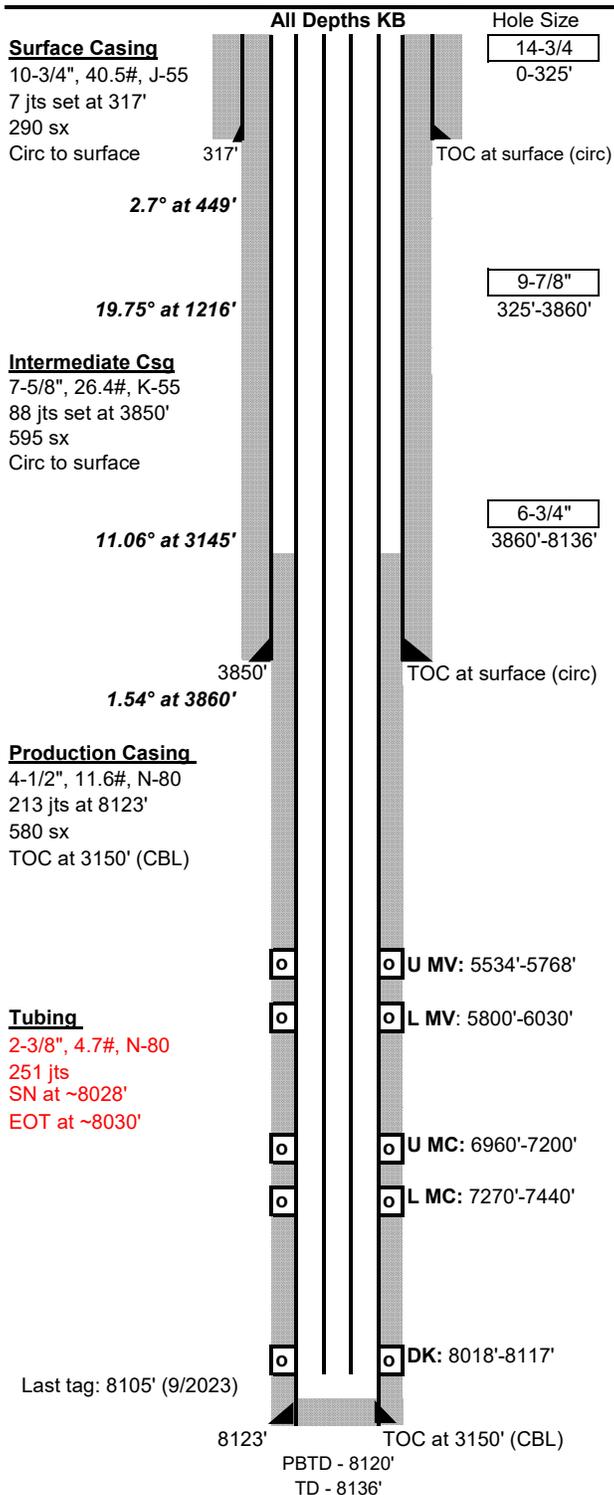


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KB	16
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(1) 2-3/8" 4.7# J-55 marker joint	2
(1) 2-3/8" 4.7# N-80 tbg jts	32
(1) 1.78" SN	1
(1) 1/2 MS Collar w/expendable collar	1

Set at: 8030 ft

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Tied in gauge line to surface panel.

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 322813

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 322813
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kelly.roberts	None	4/1/2024