

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 22 / SENE / 36.8883 / -107.44339	County or Parish/State: RIO ARRIBA / NM
Well Number: 634B	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078771	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003930937	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2804085

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 07/31/2024

Time Sundry Submitted: 11:57

Date Operation Actually Began: 07/11/2024

Actual Procedure: 7/11/2024 - MIRU, ND WH, NU BOP, Test BOP, Good test, SDFN, 7/12/2024 - TIH w/3-3/4" mill to 7000'. Remove any tight spots, TOO H, SDFW, 7/15/2024 - TIH w/4-1/2" RBP set @ 7000'. PT RBP to 1000psi, Good test, TOO H w/2-3/8" tbg and setting tool. ND BOP, NU WH, RDMO, Well is isolated due to offset drilling and completions.

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_634B_Subsequent_Report_Wellbore_Isolation_20240715_20240731115727.pdf

Well Name: ROSA UNIT

Well Location: T31N / R6W / SEC 22 /
SENE / 36.8883 / -107.44339County or Parish/State: RIO
ARRIBA / NM

Well Number: 634B

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078771

Unit or CA Name: ROSA UNIT

Unit or CA Number:
NMNM78407E

US Well Number: 3003930937

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: JUL 31, 2024 11:58 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: Accepted

Disposition Date: 07/31/2024

Signature: Kenneth Rennick

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2025**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.
NMSF78771

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 874013b. Phone No. (include area code)
(505) 278-87207. If Unit of CA/Agreement, Name and/or No.
NMNM78407E8. Well Name and No.
ROSA UNIT 634B

9. API Well No. 30-039-30937

Location of Well (Footage, Sec., T., R., M., or Survey Description)

1485' FNL & 645' FEL, SEC 22 31N 6W, UNIT LETTER C

10. Field and Pool or Exploratory Area

BASIN MANCOS

11. Country or Parish, State

RIO ARriba COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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	Wellbore Isolation
	<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 recompleat 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 performed 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 recompleat 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.)

7/11/2024 - M1RU. ND WH. NU BOP. Test BOP, Good test. SDFN.

7/12/2024 - T1H w/3-3/4" mill to 7000'. Remove any tight spots. TOO. SDFW.

7/15/2024 - T1H w/4-1/2" RBP set @ 7000'. PT RBP to 1000psi. Good test. TOO w/2-3/8" tbg and setting tool. ND BOP. NU WH. RDMO.

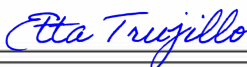
Well is isolated due to off set drilling and completions.

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

Etta Trujillo

Title Regulatory Specialist 11

Signature



Date 7/31/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

Office

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)



Isolation Wellbore Schematic

Well Name:	Rosa Unit 634B	Last Updated:	3/6/2024 Moss
Location:	H. Sec 22, T31N, R6W, 148S FNL, 64S FEL	Reviewed By:	7/19/2024 Sullivan
County:	Rio Arriba	Spud Date:	6/2/2010
API #:	30-039-30937	Completion Date:	11/21/2010
Co-ordinates:	Lat: 36.8883591, Long: 107.4433899	Last Workover Date:	7/11/2024
Operator:	Logos Operating, LLC	Target Zone TVD:	6808'
		Length of Lateral:	5184'

All depths KB

Hole Size

17-1/2"
0-508'

Surface Casing/Cement: (6/2/2010)

Drilled a 17-1/2" surface hole to 508'. Ran 9 js 13-3/8", 54 5#; J-55 & 2 js 13-3/8" 68#; J-55 csg at 493'. Cmt with 255 sx (12.7 bbls) varicem cement. Follow w/ 150 sx (13 bbls) 1.77 yield) Type III cmt. Circ 59 bbls cmt to surface.

Intermediate Casing/Cement: (6/19/2010)

Drilled a 12-1/4" intermediate hole to 6112'. Run 155 js 9-5/8" 40# P-110 at 6104'. Cmt w/ 775 sx Filiseal cmt (9 bbls) & 220 sx Filiseal (9.5 bbls) tailed by 400 sx Filiseal (13 bbls) 1.43 yield). No cmt at surface. Ran CBL and determined TOC at 350' MD. Poor cmt bond from 350'-4540'.

Drilling Liner: (6/28/2010)

Drilled a 8-1/2" production liner hole to 7346'. Set 62 js of 7" 23# N80 casing at 7346' MD. TOL at 4863' MD. Cmt w/ 385 sx Halcam (13.5 bbls) No cement returns. Ran a temperature survey. TOC at 4972' (7/2/2010) While pressure testing liner, identified a leak between 4700' & 5028' (liner top). Set 9-5/8" cmt retainer at 4700'. sqzd below retainer w/ 150 sx Halcam cmt (13.8 bbls) 1.28 yield). Drilled out CR & cmt. Pressure tested the 7" liner to 1500 psi to 30 min & it held pressure.

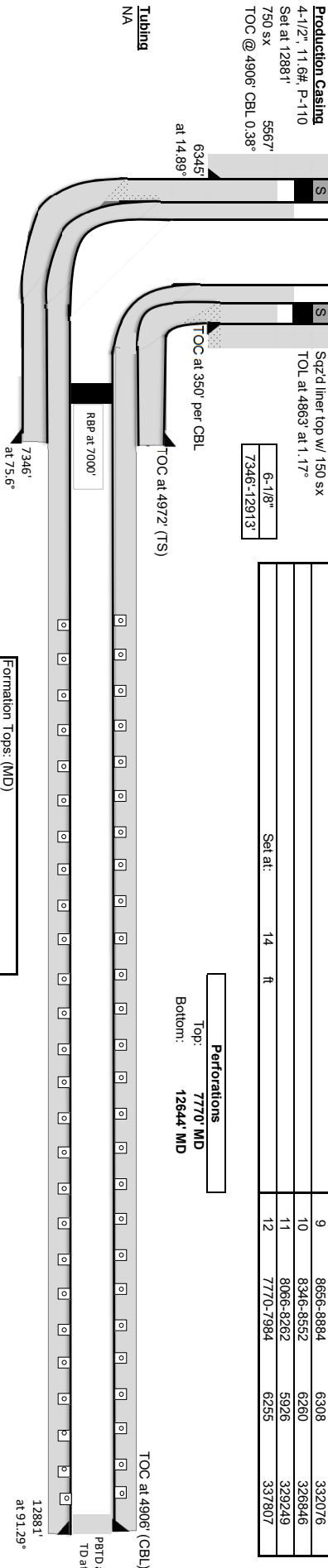
Production Casing: (7/24/2010)

Drill 6-1/8" hole to 12913' MD. Set 295 js 4-1/2" 11.6# P-110 csg at 12881' MD. Cmt w/ 456 sx (600 cf) Fracseal (13 bbls) 1.43 yield) tailed w/ 294 sx (421 cf) Fracseal (10.5 bbls). Good returns through out job. TOC at 4906' per CBL.

Tubing:		Length (ft)		Completions (11/6/2010):			
KB		14		Stage	Depths	100 mesh	40/70 mesh
N/A - pulled for isolation				1	12268-12644	8409	316285
				2	11886-12180	5964	321330
				3	11446-11750	7309	3171608
				4	11066-11350	6328	317117
				5	10650-10984	6406	303976
				6	10076-10400	6250	306088
				7	9516-9830	6200	317971
				8	9091-9426	6250	305566
				9	8656-8884	6308	332076
				10	8346-8552	6260	326846
				11	8056-8262	5926	329249
				12	7770-7984	6255	337807

Perforations

Top: 7770' MD
Bottom: 12644' MD



Formation Tops (MD)	
Fruitland-	2947'
Pictured Cliffs-	3102'
Cliffhouse-	5340'
Point Lookout-	5607'
Mancoos-	6180'

PBTD at 12834'
TD at 12913'
12881'
at 91.29°

Tubing
NA

Well Name: Rosa Unit 634B
Location: H. Sec 22, T31N, R6W, 148S FNL, 64S FEL
County: Rio Arriba
API #: 30-039-30937
Co-ordinates: Lat: 36.8883591, Long: 107.4433899
Operator: Logos Operating, LLC

Surface Casing
9-5/8", 54 5# &
J-55
Its set at 493'
TOC at 493'

Intermediate Casing
9-5/8", 40# P-110
Set at 6104' KB
1395 sx
TOC at 350'

Drilling Liner
7", 26#, L-80
TOL at 4863'
Set at 7346'
385 sx
TOC at 4972'
Sqzd liner top w/ 150 sx

Production Casing
4-1/2", 11.6#, P-110
Set at 12881'
750 sx
TOC @ 4906' CBL 0.38°

6345'
at 14.89°

RBP at 7000'

7346'
at 75.6°

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<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 369280

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 369280
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	9/2/2025