

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / SESE / 36.90951 / -107.39774	County or Parish/State: RIO ARRIBA / NM
Well Number: 154B	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078767	Unit or CA Name: ROSA UNIT, ROSA UNIT--MV	Unit or CA Number: NMNM78407A, NMNM78407E
US Well Number: 3003930804	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2808485

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 08/26/2024

Time Sundry Submitted: 02:35

Date Operation Actually Began: 07/22/2024

Actual Procedure: 7/22/2024 - MIRU. ND WH. NU & Function test BOP. Good test. TIH tag fill @ 8203'. Scan tbg out. TIH to TOL @ 6253' w/ 3-7/8" bit string mill. SDFN. 7/23/2024 - TIH, mill to 8188'. TOOH LD mill. TIH w/4-1/2" CIBP @ 8122'. Pull up 10', set packer. Test CIBP, failed test. Release packer. TOOH. TIH w/new packer to @ 6250'. SIW. SDFN. 7/24/2024 - Continue to TIH set packer @ 8100'. PT CIBP to 1000psi. Good test. TOOH LD packer. MU 4-1/2" CIBP. TIH set CR @ 7050'. Pull up 10' & set packer. PT tbg and retainer to 1000psi. Good test. Release packer. TOOH. SIW. SDFN. 7/25/2024 - PU BHA make up gauges, TIH 2-3/8" tbg banding E line space out landed @ 7056', 221jts, J-55 & N-80, 4.7#, F-nipple @ 7028'. ND BOP. NU WH. Test gauges good. RD. SIW to monitor pressure.

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_154B_Subsequent_Report_Wellbore_Isolation_20240725_20240826143524.pdf

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Well Location: T31N / R5W / SEC 7 /
SESE / 36.90951 / -107.39774County or Parish/State: RIO
ARRIBA / NM

Well Number: 154B

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078767

Unit or CA Name: ROSA UNIT, ROSA
UNIT--MVUnit or CA Number:
NMNM78407A, NMNM78407E

US Well Number: 3003930804

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: AUG 26, 2024 02:36 PM

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: 08/28/2024

Signature: Matthew Kade

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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. NMSF78767
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No. NMNM78407E
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ROSA UNIT 154B
2. Name of Operator LOGOS OPERATING, LLC		9. API Well No. 30-039-30804
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401	3b. Phone No. (include area code) (505) 278-8720	10. Field and Pool or Exploratory Area BASIN MANCOS
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) 990' FSL & 880' FEL, SEC 07 31N 5W, UNIT LETTER P		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 / Pressure Gauge Installation
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

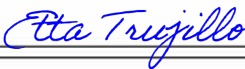
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical 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 recompleation 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.)

7/22/2024 - MIRU. ND WH. NU & Function test BOP. Good test. TIH tag fill @ 8203'. Scan tbg out. TIH to TOL @ 6253' w/ 3-7/8" bit string mill. SDFN.

7/23/2024 - TIH, mill to 8188'. TOOHD LD mill. TIH w/4-1/2" CIBP @ 8122'. Pull up 10', set packer. Test CIBP, f ailed test. Release packer. TOOHD. TIH w/new packer to @ 6250'. SIW. SDFN.

7/24/2024 - Continue to TIH set packer @ 8100'. PT CIBP to 1000psi. Good test. TOOHD LD packer. MU 4-1/2" C1CR. TIH set CR @ 7050'. Pull up 10' & set packer. PT tbg and retainer to 1000psi. Good test. Release packer. TOOHD. SIW. SDFN.

7/25/2024 - PU BHA make up gauges, TIH 2-3/8" tbg banding E line space out landed @ 7056', 221jts, J-55 & N-80, 4.7#, F-nipple @ 7028'. ND BOP. NU WH. Test gauges good. RD. SIW to monitor pressure.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Etta Trujillo	Title Regulatory Specialist II
Signature 	Date 8/26/2024

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.

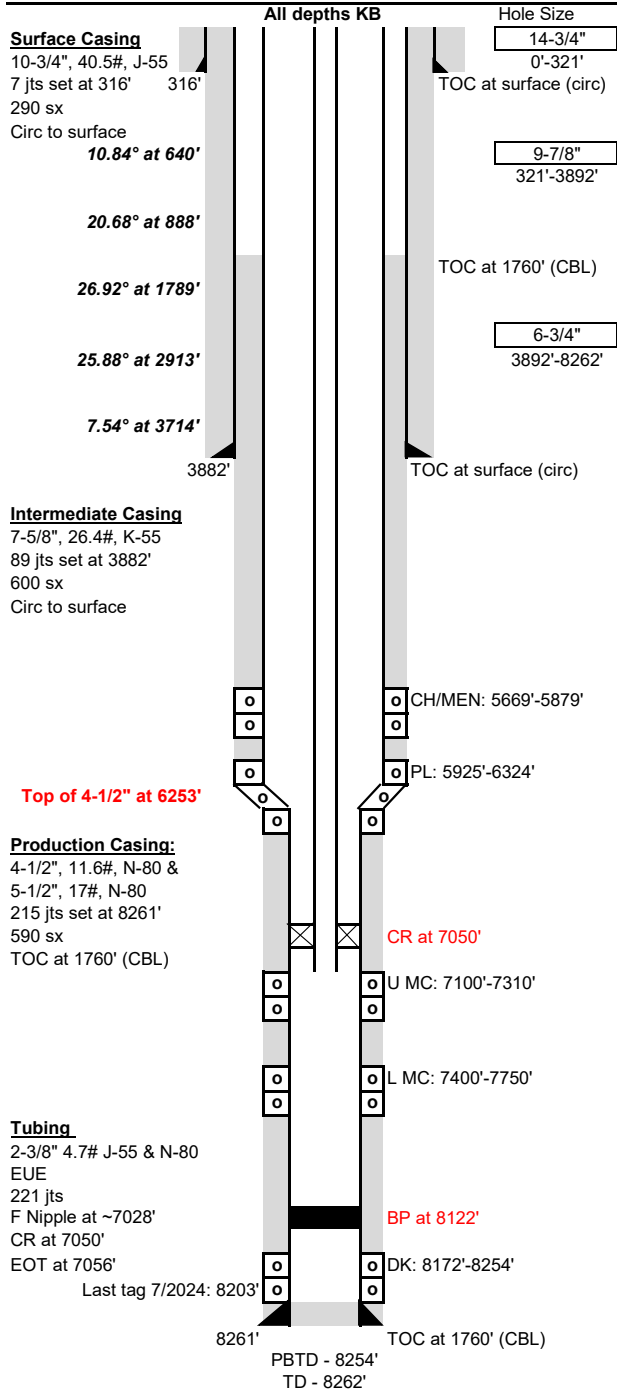
(Instructions on page 2)



Well Name: Rosa Unit 154B
 Location: P-07-31N-05W 990' FSL & 880' FEL
 County: Rio Arriba, NM
 API #: 30-039-30804
 Co-ordinates: Lat 36.9094162, Long -107.397728 NAD83
 Elevations: GROUND: 6355'
 KB: 6371'
 Depths (KB): PBD: 8254'
 TD: 8262'

Date Prepared: 4/30/2024 Peace
 Reviewed By: 5/6/2024 Moss
 Last Updated: 7/26/2024 Peace
 Spud Date: 9/28/2009
 Completion Date: 11/17/2009
 Last Workover Date: 7/25/2024

DIRECTIONAL WELLBORE w/ TAPERED CSG



Surface Casing: (9/28/2009)
 Drilled a 14-3/4" surface hole to 321'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 316'.
 Cmt'd w/ 290 sx Type III cmt (521 cf, 13.5 ppg, 1.796 yld). Circ 50 bbls cmt to surface.

Intermediate Casing: (10/5/2009)
 Drilled a 9-7/8" intermediate hole to 3892'. Set 89 jts 7-5/8", 26.4#, K-55 csg at 3882'.
 Cmt'd w/ 500 sx Extendacem + 5# Pheno seal cmt (1365 cf, 11.5 ppg, 2.73 yld).
 Tailed w/ 100 sx Premium cmt (118 cf, 15.6 ppg, 1.178 yld). Circ 100 bbls to surf.

Production Casing: (10/7/2009)
 Drilled a 6-3/4" production hole to 8262'. Set 51 jts 4-1/2", 11.6#, N-80 (6253') & 164 jts 5-1/2", 17#, N-80 csg at 8261'. Top of 4-1/2" csg at 6253' (per csg tally).
 Cmt'd w/ 590 sx Fracem cmt (826 cf, 13.1 ppg, 1.4 yld). TOC at 1760' (CBL).

Tubing:	Length (ft)
KB	16
(1) 2-3/8" 4.7# N-80 & J-55 8rd EUE tbj jt	32
(2) Pup jts (6', 8')	14
(~219) 2-3/8" 4.7# N-80 & J-55 8rd EUE tbj jts	6981
(1) 1.78" F-nipple	1
(1) P-4000C Gauge Assembly	6
(1) 2-3/8" x 4' pup jt	4
(1) CR stinger	1

Set at: 7056 ft

Artificial Lift:
 Plunger lift

Perforations: (10/2009)
CH/MEN: (5669'-5879') 1 SPF, 52, 0.34" holes. 5669', 71', 73', 5703', 05', 07', 09', 11', 13', 15', 17', 19', 21', 23', 25', 27', 29', 31', 33', 35', 37', 39', 41', 43', 45', 47', 49', 51', 53', 55', 57', 59', 61', 63', 65', 67', 5849', 51', 53', 55', 57', 59', 61', 63', 65', 67', 69', 71', 73', 75', 77', 79'. Acidized w/ 993 gals 15% FE. Frac w/ 85,904# 20/40 sand.
PL: (5925'-6324') 1 SPF, 56, 0.34" holes. 5925', 27', 31', 33', 41', 45', 49', 53', 72', 74', 76', 79', 80', 82', 94', 96', 98', 6002', 04', 06', 10', 15', 26', 30', 32', 34', 36', 38', 47', 49', 51', 96', 6123', 25', 48', 50', 52', 76', 78', 80', 82', 84', 99', 6201', 07', 09', 28', 30', 56', 58', 60', 6320', 22', 24'. Acidize w/ 998 gals 15% FE. Frac w/ 81,902# 20/40 sand.
U MC: (7100'-7310') 3 SPF, 66, 0.34" holes. 7100', 10', 20', 30', 40', 50', 60', 70', 80', 90', 7200', 10', 20', 30', 40', 50', 60', 70', 80', 90', 7300', 10'.
 Acidized w/ 2,000 gal 15% FE acid. Frac w/ 5,100# 100 mesh, followed by 119,800# 40/70 sand.
L MC: (7400'-7750') 3 SPF, 75, 0.34" holes. 7400', 10', 20', 30', 40', 50', 60', 70', 80', 90', 7500', 10', 20', 30', 40', 50', 60', 70', 80', 7650', 90', 7738', 42', 46', 50'.
 Acidized w/ 2037 gal 15% FE acid. Frac w/ 4,900# mesh, followed by 97,800# 40/70 sand.
DK: (8172'-8254') 3 SPF, 66, 0.34" holes. 8172', 76', 78', 82', 86', 94', 8202', 10', 14', 18', 20', 24', 28', 32', 34', 38', 40', 42', 46', 48', 50', 8254'. Acidize w/ 2,500 gal 15% FE acid. Frac w/ 5,000# 100 mesh, followed by 102,900# 40/70 sand.

Formations:	MD
Lewis	3770'
Cliff House	5653'
Point Lookout	5925'
Mancos	6429'

Additional Notes:
10/2009- Well was drilled and completed as a DK/MC/MV directional wellbore.
11/2009- TBG Repair. Pulled 112 tbj jts out of 254, run back in w/ 112 tbj jts, land EOT at 8141'. RU wireline and perf'd tbj at 8069'-8089', attempted to produce the well, no success. Had to shut down due to winter closure.
7/2010- TBG Repair. Pulled tbj out and found the expendable check was not pumped off and the last jt was plugged with sand. Cleaned out 65' of fill to 8245', couldn't CO any further. Landed EOT at 8197'.
7/2024- Wellbore Isolation/Pressure gauge install. Tagged fill at 8203' (51' of fill). Round tripped bit and string mill to DK perms. RIH and set CIBP at 8122', pressure test

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 378946

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 378946
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

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