

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 33 /
NENW / 36.862483 / -107.370925

County or Parish/State: RIO
ARRIBA / NM

Well Number: 740H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078764,
NMSF078773

Unit or CA Name: ROSA UNIT

Unit or CA Number:
NMNM78407E

US Well Number: 3003931364

Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2804088

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 07/31/2024

Time Sundry Submitted: 12:06

Date Operation Actually Began: 07/10/2024

Actual Procedure: 7/10/2024 - MIRU. ND WH. NU BOP. Test BOP, Good test. TIH w/226jts 2-7/8" tubing, J-55, 6.5#, landed at 7388', X-nipple @ 7387'. SDFN 7/11/2024 - ND BOP. NU WH. Swab well. RDMO.

SR Attachments

Actual Procedure

3160_005_Rosa_Unit_740H_Tubing_Installation_20240711_20240731120624.pdf

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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 12:07 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: 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.
NMSF78773

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 740H9. API Well No.
30-039-31364

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

319' FNL & 1681' FWL , SEC 33 31N 5W, UNIT LETTER C

10. Field and Pool or Exploratory Area
BASIN MANCOS11. 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 type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input checked="" type="checkbox"/> Subsequent Report | <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 | |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | Tubing Installlation |

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.)

7/10/2024 - MIRU. ND WH. NU BOP. Test BOP, Good test. TIH w/226jts 2-7/8" tubing, J-55, 6.5#, landed at 7388', X-nipple @ 7387'. SDFN

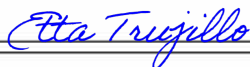
7/11/2024 - ND BOP. NU WH. Swab well. RDMO.

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)



Well Name: Rosa Unit 740H
Location: C - Sec 33, T31N, R05W, 319' FNL, 1681' FWL
County: Rio Arriba, NM
API #: 30-038-31364
Co-ordinates: 36.662483, -107.370925 NAD83
Operator: LOGOS Operating, LLC

Ground Elevation: 6492'
KB Elevation: 6522'
TD (TVD): 7064'
TD (MD): 17,327'
PBTD (MD): 17,066'
Prepared By: 6/15/2023 Moss
Reviewed By: 7/12/2023 CHR
Last Updated: 7/30/2024 Sullivan
Spud Date: 8/25/2021
Completion Date: 7/1/2023
Last Workover Date: 7/10/2024

Hole Size

Surface Casing
13-3/8", 54.5# J-55
8 lbs set at 361' KB
150 sx
TOC at surface
361'

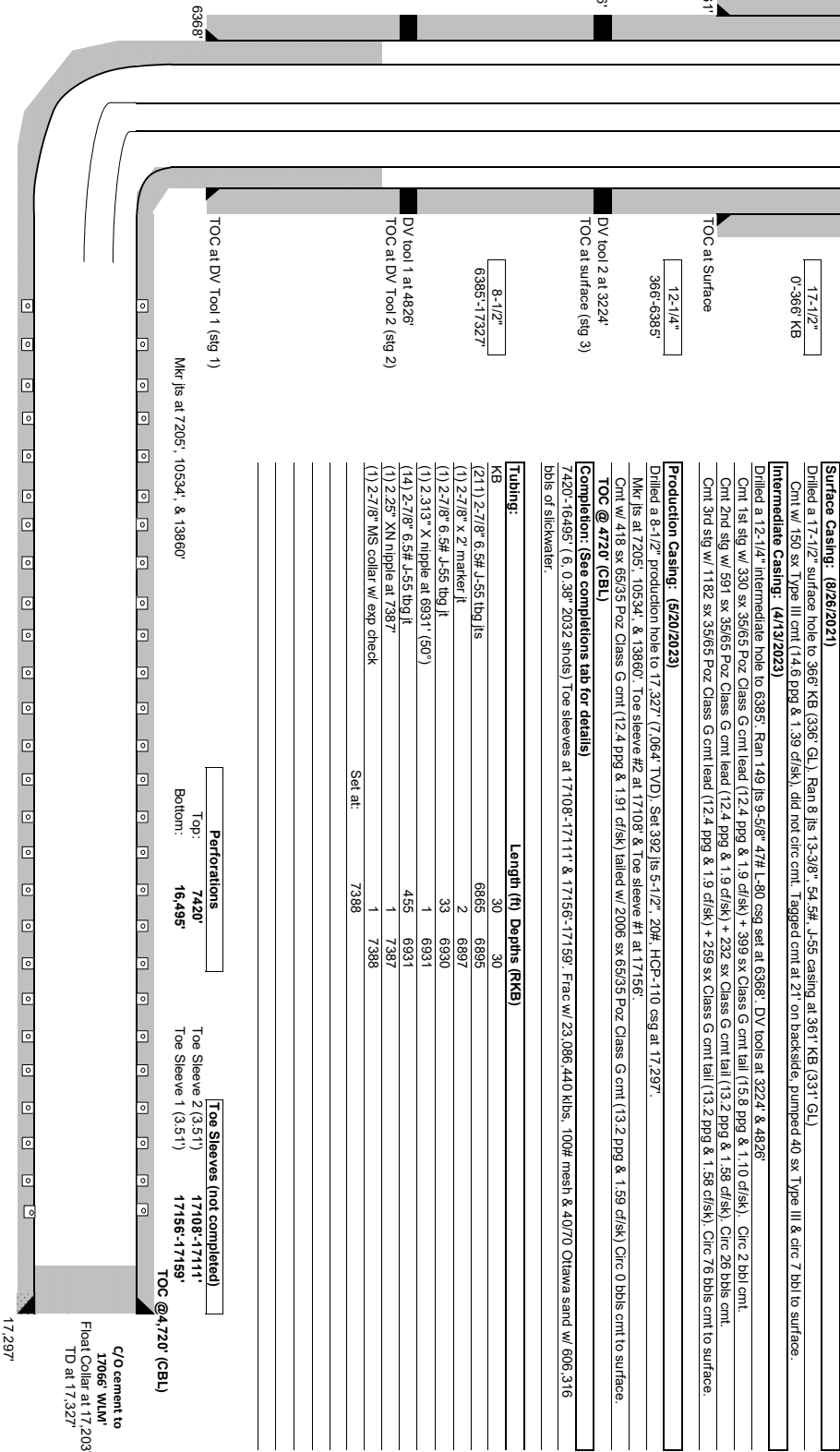
Intermediate Casing
9-5/8", 47#, L-80
149 lbs set at 6368'
DV tools at 3224' & 4826'
Sig 1- 1729 sx
TOC at DV Tool 1 (circ)
Sig 2- 823 sx
TOC at DV Tool 2 (circ)
Sig 3- 1441 sx
TOC at surface (circ)

Production Casing

5-1/2", 20#, HCP-110
392 lbs set at 17,297'
2424 sx
TOC @ 4720' (CBL)
Mkr Jls at 7205', 10534', & 13860'

Tubing
226 lbs 2-7/8" 6.5# J-55
X nipple at 6931' (50')
XN nipple at 7387'
EOT 7388'

| Formation Tops (MD) | | |
|---------------------|---------|---------------|
| Nacimiento | Surface | Cliff House |
| Ojo Alamo | 2681' | Menefee |
| Kirtland | 2810' | Point Lookout |
| Fruitland | 3157' | Marros |
| Pictured Cliffs | 3564' | Black Top |
| Lewis | 3677' | Target Top |
| Chacra | 4757' | |



Surface Casing: (8/26/2021)

Drilled a 17-1/2" surface hole to 366' KB (336' GL). Ran 8 Jls 13-3/8", 54.5# J-55 casing at 361' KB (331' GL).
Cmt w/ 150 sx Type III cnt (14.6 ppg & 1.39 c/d/sk). did not circ cnt. Tagged cnt at 21' on backside, pumped 40 sx Type III & circ 7 bbl to surface.

Intermediate Casing: (4/13/2023)

Drilled a 12-1/4" intermediate hole to 6385'. Ran 149 Jls 9-5/8" 47# L-80 csg set at 6368'. DV tools at 3224' & 4826'.
Cmt 1st sig w/ 330 sx 35/65 Poz Class G cnt lead (12.4 ppg & 1.9 c/d/sk) + 399 sx Class G cnt tail (15.8 ppg & 1.10 c/d/sk). Circ 2 bbl cnt.
Cmt 2nd sig w/ 591 sx 35/65 Poz Class G cnt lead (12.4 ppg & 1.9 c/d/sk) + 232 sx Class G cnt tail (13.2 ppg & 1.58 c/d/sk). Circ 26 bbls cnt.
Cmt 3rd sig w/ 1182 sx 35/65 Poz Class G cnt lead (12.4 ppg & 1.9 c/d/sk) + 259 sx Class G cnt tail (13.2 ppg & 1.58 c/d/sk). Circ 76 bbls cnt to surface.

Production Casing: (5/20/2023)

Drilled a 8-1/2" production hole to 17,327' (7,064' TVD). Set 392 Jls 5-1/2" 20# HCP-110 csg at 17,297'.
Mkr Jls at 7205', 10534', & 13860'. Toe sleeve #2 at 17108' & Toe sleeve #1 at 17156'.
Cmt w/ 418 sx 65/65 Poz Class G cnt (12.4 ppg & 1.91 c/d/sk) failed w/ 2006 sx 65/35 Poz Class G cnt (13.2 ppg & 1.59 c/d/sk). Circ 0 bbls cnt to surface.

TOC @ 4720' (CBL)

Completion: (See completions tab for details)
7420'-16495' (6, 0.38" 2032 shots) Toe sleeves at 17108'-17111' & 17156'-17159'. Frac w/ 23,086,440 klbs, 100# mesh & 40/70 Ottawa sand w/ 606,316 bbls of slickwater.

| Tubing: | Length (ft) | Depths (RKB) |
|------------------------------------|-------------|--------------|
| KB | 30 | 30 |
| (21 1) 2-7/8" 6.5# J-55 lbg Jls | 6865 | 6885 |
| (1) 2-7/8" x 2' marker Jl | 2 | 6887 |
| (1) 2-7/8" 6.5# J-55 lbg Jl | 33 | 6930 |
| (1) 2.313" X nipple at 6931' (50') | 1 | 6931 |
| (14) 2-7/8" 6.5# J-55 lbg Jl | 455 | 6931 |
| (1) 2.25" XN nipple at 7387 | 1 | 7387 |
| (1) 2-7/8" MS collar w/ exp check | 1 | 7388 |
| Set at: | 7388 | |

| Perforations | | Toe Sleeves (not completed) | |
|--------------|---------|-----------------------------|---------------|
| Top: | 7420' | Toe Sleeve 2 (3.51') | 17108'-17111' |
| Bottom: | 16,495' | Toe Sleeve 1 (3.51') | 17156'-17159' |

TOC @ 4720' (CBL)

C/O cement to
17066' WLM
Float Collar at 17203'
TD at 17327'

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 369279

CONDITIONS

| | |
|---|--|
| Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401 | OGRID: 289408 |
| | Action Number: 369279 |
| | Action Type: [C-103] Sub. Workover (C-103R) |

CONDITIONS

| Created By | Condition | Condition Date |
|----------------|-----------|----------------|
| andrew.fordyce | None | 9/2/2025 |