

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021

**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. **NMSF078764**

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

Oil Well  Gas Well  Other

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

NMNM78407E

8. Well Name and No.

ROSA UNIT 645Y

2. Name of Operator **LOGOS OPERATING LLC**

9. API Well No. **3003931322**

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)  
**SEC 19/T31N/R5W/NMP**

11. Country or Parish, State  
**RIO ARRIBA/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       |   |  |
|   | <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 recomplete 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 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 determined that the site is ready for final inspection.)

4/5/2022 - MIRU. TIH w/1.5" PVC. Tagged top of fill/cement @ 292', of surface 9-5/8" 36#, FC @ 306'. RU pump. Pumped 25.6bbls of Class G cement (125sx @ 15.8#, 1.15yld 5gal/sx). Circulated 2bbls of good cement to surface. RD. Cut off wellhead and installed P&A marker.

**The subject well is Plugged and Abandon on 4/5/2022.**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**ETTA TRUJILLO / Ph: (505) 324-4154**

Title **Regulatory Specialist**

Signature



Date

04/13/2022

**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)

|                                       |  |  |
|---------------------------------------|--|--|
| <b>Well Name:</b> ROSA UNIT           | <b>Well Location:</b> T31N / R5W / SEC 19 / NENW / 36.889712 / -107.406179 | <b>County or Parish/State:</b> RIO ARRIBA / NM |
| <b>Well Number:</b> 645Y              | <b>Type of Well:</b> CONVENTIONAL GAS WELL                                 | <b>Allottee or Tribe Name:</b>                 |
| <b>Lease Number:</b>                  | <b>Unit or CA Name:</b>  | <b>Unit or CA Number:</b>                      |
| <b>US Well Number:</b> 300393132200X1 | <b>Well Status:</b> Abandoned  | <b>Operator:</b> LOGOS OPERATING LLC           |

**Subsequent Report**

**Sundry ID:** 2666892

**Type of Submission:** Subsequent Report

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 04/13/2022

**Time Sundry Submitted:** 02:46

**Date Operation Actually Began:** 04/05/2022

**Actual Procedure:** 4/5/2022 - MIRU. TIH w/1.5" PVC. Tagged top of fill/cement @ 292', of surface 9-5/8" 36#, FC @ 306'. RU pump. Pumped 25.6bbbls of Class G cement (125sx @ 15.8#, 1.15yld 5gal/sx). Circulated 2bbbls of good cement to surface. RD. Cut off wellhead and installed P&A marker. The subject well is Plugged and Abandon on 4/5/2022.

**Operator Certification**

*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 submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** ETTA TRUJILLO

**Signed on:** APR 13, 2022 02:35 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**

**Representative Name:**

**Street Address:**

**City:** **State:**

**Zip:**

**Phone:**

**Email address:**

**Well Name:** ROSA UNIT

**Well Location:** T31N / R5W / SEC 19 / NENW / 36.889712 / -107.406179

**County or Parish/State:** RIO ARRIBA / NM

**Well Number:** 645Y

**Type of Well:** CONVENTIONAL GAS WELL

**Allottee or Tribe Name:**

**Lease Number:**

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 300393132200X1

**Well Status:** Abandoned

**Operator:** LOGOS OPERATING LLC

**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:** 04/14/2022

**Signature:** Kenneth Rennick

CONFIDENTIAL

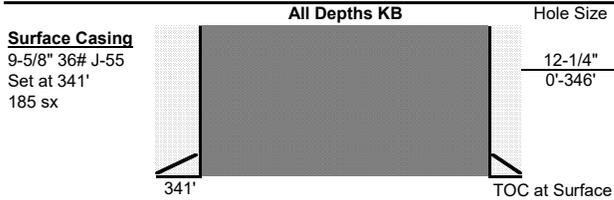


Well Name: Rosa Unit 645Y  
 Location: UL C Sec 19, T31N, R05W 953' FNL & 468' FWL  
 County: Rio Arriba  
 API #: 30-039-31322  
 Co-ordinates: Lat 36.889712°N Long 107.406179°W (NAD 83)  
 Operator: Logos Operating, LLC

Ground Elevation: 6305'  
 KB Elevation: \_\_\_\_\_  
 TVD: 346'  
 MD: 346'  
 PBTD: \_\_\_\_\_  
 Target Zone TVD: \_\_\_\_\_  
 Length of Lateral: \_\_\_\_\_

Date Prepared: 12/21/2021 M Hesper  
 Last Updated: 4/20/2022 J. Barmore  
 Spud Date: 7/27/2015  
 Completion Date: \_\_\_\_\_  
 Last Workover Date: 4/5/2022

**Current Wellbore Schematic**



**Surface Casing/Cement: (7/27/2015)**  
 Drilled a 12-1/4" surface hole to 346'. Set 11 jts 9-5/8" 36#, J-55 casing at 341'. FC @ 306'.  
 Cmt w/ 185 sx of Type G cmt (15.8ppg). Circ 17 bbls to surface.  
 Plug #1: 04/05/2022  
 Pump 125sxs, 25.6 bbls of Class G Cement // 15.8ppg // 1.15 yld // 5gal/sxs // 2bbls to surface

**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 118429

**CONDITIONS**

|   |  |
|---|--|
| Operator:<br>LOGOS OPERATING, LLC<br>2010 Afton Place<br>Farmington, NM 87401 | OGRID:<br>289408                               |
|   | Action Number:<br>118429                       |
|   | Action Type:<br>[C-103] Sub. Plugging (C-103P) |

**CONDITIONS**

| Created By | Condition | Condition Date |
|------------|-----------|----------------|
| mkuehling  | None      | 6/17/2022      |