

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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.

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

3a. Address

3b. Phone No. (include area code)

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

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

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

## 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 type="checkbox"/> Subsequent Report        | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction     | <input type="checkbox"/> Recomplete                | <input 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            |                                         |  |

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.)

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

Title

Signature

*Etta Trujillo*

Date

**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)



## **MECHANICAL INTEGRITY TEST- (2021)**

**Rosa Unit 647H**  
**30-039-31319**  
**946' FNL & 438' FWL**  
**Sec 19, T31N, R05W**  
**Rio Arriba County, New Mexico**  
**Lat 36.88973° Long -107.406279°**

### **PROJECT OBJECTIVE:**

Top off the surface casing with packer fluid. Rig up chart recorder and conduct mechanical integrity test.

### **WORKOVER PROCEDURE:**

1. Contact regulatory to ensure test has been scheduled with NMOCD.
2. Hold safety meeting. Comply with all LOGOS, BLM and NMOCD rules and regulations.
3. Top off the 9-5/8" surface casing with packer fluid at least 24 hours before the pressure test.
6. Call out chart recorder.
7. RU chart recorder to chart pressure test as follows:
  - **Top off with packer fluid, if needed**
  - **Record pressure on 1 hour chart with 560 psig for 30 minutes with a 1000-pound spring**
  - **Contact engineer with results of pressure test**
8. Bleed off pressure. Complete high discharge kill test and chart bleed off on the test.
9. Release chart recorder.

|                                       |                                                    |                                                |
|---------------------------------------|----------------------------------------------------|------------------------------------------------|
| <b>Well Name:</b> ROSA UNIT           | <b>Well Location:</b> T31N / R5W / SEC 19 / NENW / | <b>County or Parish/State:</b> RIO ARRIBA / NM |
| <b>Well Number:</b> 647H              | <b>Type of Well:</b> CONVENTIONAL GAS WELL         | <b>Allottee or Tribe Name:</b>                 |
| <b>Lease Number:</b> NMSF078769       | <b>Unit or CA Name:</b> ROSA UNIT-MANCOS PA        | <b>Unit or CA Number:</b> NMNM78407E           |
| <b>US Well Number:</b> 300393131900X1 | <b>Well Status:</b> Temporarily Abandoned          | <b>Operator:</b> LOGOS OPERATING LLC           |

### Notice of Intent

**Type of Submission:** Notice of Intent

**Type of Action** Mechanical Integrity Test

**Date Sundry Submitted:** 03/19/2021

**Time Sundry Submitted:** 03:17

**Date proposed operation will begin:** 03/19/2021

**Procedure Description:** LOGOS Operating requests permission to perform an MIT on subject well per the attached procedure.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

**Procedure Description**

3160\_005\_\_Rosa\_Unit\_647H\_NOI\_to\_MIT\_20210319\_20210319151648.pdf

### Conditions of Approval

**Specialist Review**

COA\_MIT\_Rosa\_Unit\_647H\_20210401095229.pdf

|                                       |                                                    |                                                |
|---------------------------------------|----------------------------------------------------|------------------------------------------------|
| <b>Well Name:</b> ROSA UNIT           | <b>Well Location:</b> T31N / R5W / SEC 19 / NENW / | <b>County or Parish/State:</b> RIO ARRIBA / NM |
| <b>Well Number:</b> 647H              | <b>Type of Well:</b> CONVENTIONAL GAS WELL         | <b>Allottee or Tribe Name:</b>                 |
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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.

|                                                       |                                         |
|-------------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> TRUJILLO        | <b>Signed on:</b> MAR 19, 2021 03:17 PM |
| <b>Name:</b> LOGOS OPERATING LLC                      |                                         |
| <b>Title:</b> Regulatory Specialist                   |                                         |
| <b>Street Address:</b> 2010 AFTON PLACE               |                                         |
| <b>City:</b> Farmington                               | <b>State:</b> NM                        |
| <b>Phone:</b> (505) 324-4154                          |                                         |
| <b>Email address:</b> ETRUJILLO@LOGOSRESOURCESLLC.COM |                                         |

Field Representative

|                                                       |                  |                   |
|-------------------------------------------------------|------------------|-------------------|
| <b>Representative Name:</b> Etta Trujillo             |                  |                   |
| <b>Street Address:</b> 2010 Afton Place               |                  |                   |
| <b>City:</b> Farmington                               | <b>State:</b> NM | <b>Zip:</b> 87401 |
| <b>Phone:</b> (505)324-4154                           |                  |                   |
| <b>Email address:</b> etrujillo@logosresourcesllc.com |                  |                   |

BLM Point of Contact

|                                    |                                                |
|------------------------------------|------------------------------------------------|
| <b>BLM POC Name:</b> JOE D KILLINS | <b>BLM POC Title:</b> Petroleum Engineer       |
| <b>BLM POC Phone:</b> 5055647731   | <b>BLM POC Email Address:</b> jkillins@blm.gov |
| <b>Disposition:</b> Approved       | <b>Disposition Date:</b> 04/01/2021            |
| <b>Signature:</b> Joe Killins      |                                                |

**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Tres Rios Field Office  
161 Burnett Drive Unit #4  
Durango, Colorado 81301**

**Attachment to Notice of Intention for MIT:**

Well Name: Rosa Unit Well Number: 647H  
US Well Number: 3003931319  
Section 19, T31N, R05W

**CONDITIONS OF APPROVAL - expires 01-Apr-2022**

The Code of Federal Regulation, 43CFR3162.3-4(a) requires that any well that is not capable of producing in paying quantities must be promptly plugged and abandoned, after approval from BLM. Before expiration of this NOI, Hilcorp Energy Company must exercise one of the following options:

1. Return the well to production, in paying quantities. Paying quantities being defined as: production of oil or gas of sufficient value to exceed direct operating costs and the costs of lease rentals, or minimum royalty, on a sustained basis.
2. If you believe the well capable of producing in paying quantities but wish to leave the well as TA, you must submit supporting documentation and a time frame for returning the well to production.
3. Submit a Sundry Notice of Intent to Abandon (NOIA) with plugging procedures for the well.

**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**

COMMENTS

Action 22578

**COMMENTS**

|           |                      |                  |                     |        |        |                |       |              |        |
|-----------|----------------------|------------------|---------------------|--------|--------|----------------|-------|--------------|--------|
| Operator: | LOGOS OPERATING, LLC | 2010 Afton Place | Farmington, NM87401 | OGRID: | 289408 | Action Number: | 22578 | Action Type: | C-103X |
|-----------|----------------------|------------------|---------------------|--------|--------|----------------|-------|--------------|--------|

| Created By | Comment                                                                                                                                                      | Comment Date |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| mkuehling  | surface set at 325 - kill test is only required on injection well - no bradenhead test required due to only one string of pipe - this test is for TA status. | 04/19/2021   |

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CONDITIONS

Action 22578

**CONDITIONS OF APPROVAL**

|           |                      |                  |                     |        |        |                |       |              |        |
|-----------|----------------------|------------------|---------------------|--------|--------|----------------|-------|--------------|--------|
| Operator: | LOGOS OPERATING, LLC | 2010 Afton Place | Farmington, NM87401 | OGRID: | 289408 | Action Number: | 22578 | Action Type: | C-103X |
|-----------|----------------------|------------------|---------------------|--------|--------|----------------|-------|--------------|--------|

|              |                                                                                           |
|--------------|-------------------------------------------------------------------------------------------|
| OCD Reviewer | Condition                                                                                 |
| ahvermersch  | Future filings of this type shall be filed as: [C-103] NOI Temporary Abandonment (C-103I) |