

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.  
NMSF078771  
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) 278-8720

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

SEC 25 T31N R06W NENE UNIT A 1080 FNL 258 FEL

7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E8. Well Name and No.  
ROSA UNIT 650H9. API Well No.  
30-039-3141210. 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 Well             |  |
|   | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> 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 - Intermediate |  |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon     | <input type="checkbox"/> Temporarily Abandon       | Casing   |  |
| <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 determined that the site is ready for final inspection.)

11/3-8/22 - Walked rig over to RU 650H. NU BOP. Test surf csg to 1500psi/30min. Test good. Drill shoe track to 348'. TOO H.

11/9-12/22 - TIH, drill 12.25" intermediate hole f/348' t/2480'. Circ hole clean. Cont to drill 12.25" f/2480' t/5976'. Pump LCM for loss circ @ 5956'.

11/13/22 - Cont to drill 12.25" hole f/5976' t/6412' (TD). Circ hole clean. Loss returns. Pumped multiple LCM sweeps. TOO H t/1660', no tight spots. TIH t/5200'. Full returns. Circulate bottom up @ 6412'

11/14/22 - Back ream f/6400' t/5700'. TOO H. Rig up csg crew, run 9-5/8" Int csg to 6369'

11/15/22 - Cont to run INT csg w/141jts 9-5/8" L-80 47.0# landed @ 6393' w/FC @ 6297'. DV tools @ 4790' &amp; 3207'. RD csg crew. RU cementers. Stage1 CMT lead w/339sxs(119bbls, 668cf) @ 12.4ppg, 1.97yld, and Tail w/376sxs(77bbls, 432cf) Class G cmt @ 15.8ppg, 1.15yld. Drop plug, displace w/461bbls FW &amp; mud. Bump plug @ 06:00hrs. Circ 66bbls cmt to surface. Pumped stage2 CMT lead w/189sxs(66bbls, 372cf) Class G cmt @ 12.4ppg, 1.97yld, and Tail w/399sxs(117bbls, 658cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/351bbls water &amp; mud. Open tool. Circ 74bbls to surface. Bump plug @ 16:00hrs.

11/16/2022 - Stage3 CMT lead w/849sxs(298bbls, 1673cf) @ 12.4ppg, 1.97yld, and Tail w/259sxs(76bbls, 427cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/235bbls FW. 126bbls good cmt to surface. Bump plug @ 10:32hrs. RD cmt crew. SIW.

**Pressure test will be included on the production casing sundry.**

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

Etta Trujillo

Title Regulatory Specialist

Signature



Date 11/22/2022

**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)

|                                |   |   |
|--------------------------------|---|---|
| Well Name: ROSA UNIT           | Well Location: T31N / R6W / SEC 25 / NENE / | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 650H              | Type of Well: CONVENTIONAL GAS WELL         | Allottee or Tribe Name:                 |
| Lease Number: NMSF078771       | Unit or CA Name: ROSA UNIT-MANCOS PA        | Unit or CA Number: NMNM78407E           |
| US Well Number: 300393141200X1 | Well Status: Drilling Well                  | Operator: LOGOS OPERATING LLC           |

Subsequent Report

Sundry ID: 2705779

|   |                              |
|---|------------------------------|
| Type of Submission: Subsequent Report     | Type of Action: Other        |
| Date Sundry Submitted: 12/05/2022         | Time Sundry Submitted: 07:56 |
| Date Operation Actually Began: 11/03/2022 |                              |

**Actual Procedure:** 11/3-8/22 - Walked rig over to RU 650H. NU BOP. Test surf csg to 1500psi/30min. Test good. Drill shoe track to 348'. TOO. 11/9-12/22 - TIH, drill 12.25" intermediate hole f/348' t/2480'. Circ hole clean. Cont to drill 12.25" f/2480' t/5976'. Pump LCM for loss circ @ 5956'. 11/13/22 - Cont to drill 12.25" hole f/5976' t/6412' (TD). Circ hole clean. Loss returns. Pumped multiple LCM sweeps. TOO. t/1660', no tight spots. TIH t/5200'. Full returns. Circulate bottom up @ 6412' 11/14/22 - Back ream f/6400' t/5700'. TOO. Rig up csg crew, run 9-5/8" Int csg to 6369' 11/15/22 - Cont to run INT csg w/141jts 9-5/8" L-80 47.0# landed @ 6393' w/FC @ 6297'. DV tools @ 4790' & 3207'. RD csg crew. RU cementers. Stage1 CMT lead w/339sxs(119bbbs, 668cf) @ 12.4ppg, 1.97yld, and Tail w/376sxs(77bbbs, 432cf) Class G cmt @ 15.8ppg, 1.15yld. Drop plug, displace w/461bbbs FW & mud. Bump plug @ 06:00hrs. Circ 66bbbs cmt to surface. Pumped stage2 CMT lead w/189sxs(66bbbs, 372cf) Class G cmt @ 12.4ppg, 1.97yld, and Tail w/399sxs(117bbbs, 658cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/351bbbs water & mud. Open tool. Circ 74bbbs to surface. Bump plug @ 16:00hrs. 11/16/2022 - Stage3 CMT lead w/849sxs(298bbbs, 1673cf) @ 12.4ppg, 1.97yld, and Tail w/259sxs(76bbbs, 427cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/235bbbs FW. 126bbbs good cmt to surface. Bump plug @ 10:32hrs. RD cmt crew. SIW. Pressure test will be included on the production casing sundry.

Received by OCD: 12/6/2022 2:52:45 PM

Page 3 of 5

|                                |   |   |
|--------------------------------|---|---|
| Well Name: ROSA UNIT           | Well Location: T31N / R6W / SEC 25 / NENE / | County or Parish/State: RIO ARRIBA / NM |
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| US Well Number: 300393141200X1 | Well Status: Drilling Well                  | Operator: LOGOS OPERATING LLC           |

SR Attachments

Actual Procedure

3160\_5\_Rosa\_Unit\_650H\_INT\_Subsequent\_Report\_20221116\_20221205075601.pdf

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: DEC 05, 2022 07:56 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: 12/05/2022            |
| Signature: Kenneth Rennick      |   |

**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 164561

COMMENTS

|   |  |
|---|--|
| Operator:<br>LOGOS OPERATING, LLC<br>2010 Afton Place<br>Farmington, NM 87401 | OGRID:<br>289408                               |
|   | Action Number:<br>164561                       |
|   | Action Type:<br>[C-103] Sub. Drilling (C-103N) |

COMMENTS

| Created By | Comment   | Comment Date |
|------------|---|--------------|
| nmurphy    | For faster review include the total number of sacks | 8/10/2023    |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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State of New Mexico  
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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 164561

CONDITIONS

|   |  |
|---|--|
| Operator:<br>LOGOS OPERATING, LLC<br>2010 Afton Place<br>Farmington, NM 87401 | OGRID:<br>289408                               |
|   | Action Number:<br>164561                       |
|   | Action Type:<br>[C-103] Sub. Drilling (C-103N) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| nmurphy    | None      | 8/10/2023      |