

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. NMSF078773

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.
NMNM078407E

8. Well Name and No. ROSA UNIT/745H

2. Name of Operator LOGOS OPERATING LLC

9. API Well No. 3003931431

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/BASIN MANCOS

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 33/T31N/R05W/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.)

6/30/2023 - NU and Test BOPE - Test Good. Test 13-3/8" casing to 1500psi/30mins. Test good. PU 12-1/4" BHA. TIH tag cement & FC@ 3526. Wash, ream & drill out shoe track & rathole, f/3526 t/3630'. Drill 12-1/4' hole f/3630' t/3910'.
7/1 - 7/3/2023 - Continue to drill 12-1/4' hole f/3910' t/6430' (TD). Condition & circulate. TOOH. LD BHA. RIH with 9-5/8" casing to 2953'.
7/4/2023 - Finish RTH w/143jts of 9-5/8" csg, 47#, J-55, BTC casing, landed@ 6411', FC@ 6317'. DV tool@ 4832' & 3680'. Circulate & condition. Mix & pump w/443sxs (1 50bbbls, 84 lct) Premium Class G cmt@ 1 2.4ppg, 1.90yld. Tailed w/459sxs (90bbbls, 504ct)@ 1 5.8ppg, 1.10yld. Displaced w/463bbbls. Bump plug@ 500psi. Open DV tool. Circ 20bbbls of good cmt to surface. No losses while circ cmt to surface. LD landing joint. Set packoff. Test seals, all test good. ND BOP. RR to Rosa Unit 746H. Offline cement. 2nd stage cmt - Mix & pump w/1386sx (469bbbls, 2633ct) Lead cmt, 12.4ppg, 1.90yld. Tailed w/245sx (69bbbls, 387ct) 13.2ppg, 1.58yld. Drop plug & displace w/353bbbls. Bump plug@ 1 500psi. Lost rets@ 60bbbls into displacement. Open DV tool. Circulate 80 bbbls cement to surface. WOC. 3rd stage cmt - Mix & pump w/715sx (242bbbls, 1 358ct) 1 2.4ppg, 1.90yld. Tailed w/146sx (41bbbls, 231ct) 1 3.2ppg, 1.58yld. Drop plug & displace w/269bbbls. Bump plug@ 1510psi. Closed DV tool. 40bbbls good cement back to surface.

Continued on page 3 additional information

| | |
|---|--------------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) DACYE SHULL / Ph: (505) 324-4145 | Title REGULATORY TECH |
| Signature <i>Dacye Skull</i> | Date 07/13/2023 |

THE SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-----------------------------|--------------------|
| Approved by MATTHEW H KADE / Ph: (505) 564-7736 / Accepted | Title Petroleum Engineer | Date 07/13/2023 |
| 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 FARMINGTON | |

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)

Additional Information

Additional Remarks

Pressure test will be included on the next sundry.

Location of Well

0. SHL: NENW / 378 FNL / 1686 FWL / TWSP: 31N / RANGE: 05W / SECTION: 33 / LAT: 36.862318 / LONG: -107.370906 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 0 FNL / 0 FWL / TWSP: 31N / RANGE: 05W / SECTION: 35 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 0 FNL / 0 FWL / TWSP: 31N / RANGE: 05W / SECTION: 34 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 1105 FNL / 2271 FWL / TWSP: 31N / RANGE: 05W / SECTION: 33 / LAT: 36.860326 / LONG: -107.368905 (TVD: 7361 feet, MD: 7763 feet)

BHL: NENE / 1191 FNL / 63 FEL / TWSP: 31N / RANGE: 05W / SECTION: 35 / LAT: 36.860096 / LONG: -107.322792 (TVD: 7361 feet, MD: 21253 feet)

CONFIDENTIAL

U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

07/13/2023

| | | |
|-----------------------------------|---|--|
| Well Name: ROSA UNIT | Well Location: T31N / R05W / SEC 33 / NENW / 36.862318 / -107.370906 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 745H | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078773 | Unit or CA Name: | Unit or CA Number: NMNM078407E |
| US Well Number: 3003931431 | Well Status: Drilling Well | Operator: LOGOS OPERATING LLC |

Subsequent Report

Sundry ID: 2740788

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 07/13/2023

Time Sundry Submitted: 10:07

Date Operation Actually Began: 06/30/2023

Actual Procedure: 6/30/2023 - NU and Test BOPE - Test Good. Test 13-3/8" casing to 1500psi/30mins. Test good. PU 12-1/4" BHA. TIH tag cement & FC@ 3526. Wash, ream & drill out shoe track & rathole, f/3526 t/3630'. Drill 12-1/4' hole f/3630' t/3910'. 7/1 - 7/3/2023 - Continue to drill 12-1/4' hole f/3910' t/6430' (TD). Condition & circulate. TOOH. LD BHA. RIH with 9-5/8" casing to 2953'. 7/4/2023 - Finish RTH w/143jts of 9-5/8" csg, 47#, J-55, BTC casing, landed@ 6411', FC@ 6317'. DV tool@ 4832' & 3680'. Circulate & condition. Mix & pump w/443sxs (1 50bbbls, 84 lct) Premium Class G cmt@ 1 2.4ppg, 1.90yld. Tailed w/459sxs (90bbbls, 504ct)@ 1 5.8ppg, 1.10yld. Displaced w/463bbbls. Bump plug@ 500psi. Open DV tool. Circ 20bbbls of good cmt to surface. No losses while circ cmt to surface. LD landing joint. Set packoff. Test seals, all test good. ND BOP. RR to Rosa Unit 746H. Offline cement. 2nd stage cmt - Mix & pump w/1386sx (469bbbls, 2633ct) Lead cmt, 12.4ppg, 1.90yld. Tailed w/245sx (69bbbls, 387ct) 13.2ppg, 1.58yld. Drop plug & displace w/353bbbls. Bump plug@ 1 500psi. Lost rets@ 60bbbls into displacement. Open DV tool. Circulate 80 bbbls cement to surface. WOC. 3rd stage cmt - Mix & pump w/715sx (242bbbls, 1 358ct) 1 2.4ppg, 1.90yld. Tailed w/146sx (41bbbls, 231ct) 1 3.2ppg, 1.58yld. Drop plug & displace w/269bbbls. Bump plug@ 1510psi. Closed DV tool. 40bbbls good cement back to surface. Pressure test will be included on the next sundry.

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| Well Name: ROSA UNIT | Well Location: T31N / R05W / SEC 33 / NENW / 36.862318 / -107.370906 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 745H | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078773 | Unit or CA Name: | Unit or CA Number: NMNM078407E |
| US Well Number: 3003931431 | Well Status: Drilling Well | Operator: LOGOS OPERATING LLC |

SR Attachments

PActual Procedure

3160_5_Rosa_Unit_745H_INT2_subsequent_report_20230704_20230713100506.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: DACYE SHULL

Signed on: JUL 13, 2023 10:07 AM

Name: LOGOS OPERATING LLC

Title: REGULATORY TECH

Street Address: 2010 AFTON PLACE

City: FARMINGTON **State:** NM

Phone: (505) 324-4145

Email address: DSHULL@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: 07/13/2023

Signature: Matthew Kade

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 239576

CONDITIONS

| | |
|---|--|
| Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401 | OGRID: 289408 |
| | Action Number: 239576 |
| | Action Type: [C-103] Sub. Drilling (C-103N) |

CONDITIONS

| Created By | Condition | Condition Date |
|---------------|-----------|----------------|
| kelly.roberts | None | 8/2/2023 |