

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Amended

FORM APPROVED OMB
No. 1004-0137 Expires:
December 31, 2024

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 | |

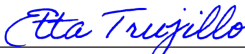
| | | |
|--|---|---|
| SUBMIT IN TRIPLICATE - Other instructions on page 2 | | 7. If Unit of CA/Agreement, Name and/or No. NMNM78407E |
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 8. Well Name and No. ROSA UNIT 653H |
| 2. Name of Operator LOGOS OPERATING, LLC | | 9. API Well No. 30-039-31325 |
| 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 25 T31N R06W NENE (A) 1045' FNL 328' FEL | | 11. 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 type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" 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 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 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 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 determined that the site is ready for final inspection.)

9/7/2023 - MIRU. Run 1" poly pipe. Plug #1 144 sxs Class G cmt at 15.8ppg & 1.15 ft3/sxs, 5 gal water/sxs cmt. 2.1 bmp 295psi. Good Cement to surface. Pull poly pipe. Wash up. RD. Move to next pad.

Received BLM & NMOCD approval for buried P&A marker. See attached email chain.

| | | |
|---|--|--------------------------------|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Etta Trullillo | | Title Regulatory Specialist |
| Signature  | | Date 11/2/2023 |

| 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

(Instructions on page 2)

| | | |
|----------------------------|---|---|
| Well Name: ROSA UNIT | Well Location: T31N / R6W / SEC 25 / NENE / 36.8749822 / -107.4088977 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 653H | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078771 | Unit or CA Name: ROSA UNIT | Unit or CA Number: NMNM78407E |
| US Well Number: 3003931325 | Well Status: Abandoned | Operator: LOGOS OPERATING LLC |

Subsequent Report

Sundry ID: 2759459

| | |
|---|--------------------------------------|
| Type of Submission: Subsequent Report | Type of Action: Plug and Abandonment |
| Date Sundry Submitted: 11/02/2023 | Time Sundry Submitted: 01:04 |
| Date Operation Actually Began: 09/07/2023 | |

Actual Procedure: 9/7/2023 - MIRU. Run 1" poly pipe. Plug #1 144 sxs Class G cmt at 15.8ppg & 1.15 ft3/sxs, 5gal water/sxs cmt. 2.1 bmp 295psi. Good Cement to surface. Pull poly pipe. Wash up. RD. Move to next pad. Received BLM & NMOCD approval for buried P&A marker. See attached email chain.

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_653H_PA_Subsequent_Report_20230907_Amended_20231102130343.pdf

| | | |
|----------------------------|---|---|
| Well Name: ROSA UNIT | Well Location: T31N / R6W / SEC 25 / NENE / 36.8749822 / -107.4088977 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 653H | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078771 | Unit or CA Name: ROSA UNIT | Unit or CA Number: NMNM78407E |
| US Well Number: 3003931325 | Well Status: Abandoned | 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: NOV 02, 2023 01:04 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 11/02/2023


Signature: Matthew Kade

**Wellbore Schematic**

Well Name: Rosa Unit 653H
 Location: UL A Sec 25, T31N, R06W 1045' FNL & 328' FEL
 County: Rio Arriba
 API #: 30-039-31325
 Co-ordinates: Lat 36.874988°N Long 107.408909°W (NAD 83)
 Elevations: GROUND: 6372'
 KB: NA
 Depths (KB): PBTD: NA
 TD: 336'

Prepared By: 5/14/2021 Gomez
 Reviewed By: 5/14/2021 Moss
 Last Updated By: 9/13/2023 Haddow
 Spud Date: 9/22/2015
 Completion Date: NA
 Last Workover Date: NA

Current Wellbore Schematic

| All Depths KB | | Hole Size | Surface Casing: (9/22/2015) |
|--|---|-----------|--|
| Surface Casing 9-5/8", 36#, J-55 11 jts set at 331' 101 sx TOC at surface |  | 12-1/4" | Drilled a 12-1/4" surface hole to 336'. Set 11 jts 9-5/8", 36#, J-55 casing at 331'. |
| | | 0-336' | Cmt w/ 101 sx of Type I-II cmt (14.5ppg). Circ 8 bbls to surface. |
| | | | |
| | | | |
| | | | Plug #1: (9/7/2023) |
| | | | 144 sx Class G cmt at 15.8 ppg & 1.15 ft3/sx, 5 gal water/sx cmt. |
| | | | |

P&A Report:

Completed By: Randy Edgeington

Date: 9/7/2023

13:19 Run 1-1/2" Poly
 13:20 Start CMT (15.8ppg, 1.15dyeild, 5gal h20 per sxs)
 13:27 2.1 bpm 295 psi
 13:36 End 15.8# 144 sx
 13:38 Pull poly pipe
 14:00 Wash up
 14:30 Demob Equipment

LOGOS OPERATING LLC
ROSA UNIT #653H
API# 30-039-31325
SE-078771
1045 ENL 328 FEL
A-25-31N-06W
36.87 988, -107.408909
RIO ARRIBA, NM

From: [Lucero, Virgil S](#)
To: [Vanessa Fields](#); [Kuehling, Monica, EMNRD](#)
Cc: [Randy Edgeington](#); [Robert Bixler](#); [Etta Trujillo](#); [Dacye Shull](#); [Ryan Haddow](#)
Subject: Re: [EXTERNAL] Request Surface Plates for LOGOS P&A
Date: Thursday, September 7, 2023 10:31:01 AM

Thanks for the update, the BLM approves, no worries on the wrong email address.

Thank you,
Virgil Lucero
Supervisory Petroleum Engineering Technician
6251 College Blvd, Suite A
Farmington, NM 87402
D - 505-564-7752
C - 505-793-1836
Email: vlucero@blm.gov

From: Vanessa Fields <vfields@logosresourcesllc.com>
Sent: Wednesday, September 6, 2023 4:55 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Lucero, Virgil S <vlucero@blm.gov>
Cc: Randy Edgeington <rdedgeington@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Dacye Shull <dsnull@logosresourcesllc.com>; Ryan Haddow <rhaddow@logosresourcesllc.com>
Subject: RE: [EXTERNAL] Request Surface Plates for LOGOS P&A

Thank you, Monica.

Have a good night.

Vanessa Fields
Regulatory Manager
Email: vfields@logosresourcesllc.com
Office: 505-787-2218
Cell: 505-320-1243



From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>
Sent: Wednesday, September 6, 2023 4:45 PM
To: Vanessa Fields <vfields@logosresourcesllc.com>; Virgl Lucero (virgl_lucero@blm.gov) <virgl_lucero@blm.gov>
Cc: Randy Edgeington <redgeington@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Dacye Shull <dshull@logosresourcesllc.com>; Ryan Haddow <rhaddow@logosresourcesllc.com>
Subject: RE: [EXTERNAL] Request Surface Plates for LOGOS P&A

Vanessa

NMOCD approval is given until November 15, 2023 for a below grade marker on the wells listed below with prior approval from the BLM.

Please notify all agencies when above grade markers are being placed.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Office Phone: 505-334-6178 ext. 123
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Vanessa Fields <vfields@logosresourcesllc.com>
Sent: Wednesday, September 6, 2023 3:54 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Virgl Lucero (virgl_lucero@blm.gov) <virgl_lucero@blm.gov>
Cc: Randy Edgeington <redgeington@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Dacye Shull <dshull@logosresourcesllc.com>; Ryan Haddow <rhaddow@logosresourcesllc.com>
Subject: RE: [EXTERNAL] Request Surface Plates for LOGOS P&A

Hi Moncia,

We should be done completing by November so we would be seeking an extension till November 15, 2023.

30-039-31323 ROSA UNIT #646H

Operator: LOGOS OPERATING, LLC

Rosa Unit # 646H

API# 30-039-31323

Lease # SF-078769

Surface Location: C-19-31N-05W

950 FNL 453 FWL

Lat/Long: 36.889712,-107.406229

Rio Arriba, NM

30-039-31326 ROSA UNIT #651H

Operator: LOGOS OPERATING, LLC

Rosa Unit# 651H

API# 30-039-31326

Lease # SF-078771

Surface Location: A-25-31N-06W

1038 FNL 324 FEL

Lat/Long: 36.875009,-107.40829 NAD83

Rio Arriba, NM

30-039-31325 ROSA UNIT #653H

Operator: LOGOS OPERATING, LLC

Rosa Unit #653H

API# 30-039-31325

Lease # SF-078771

Surface Location: A-25-31N-06W

1045 FNL 328 FEL

Lat/Long: 36.874988,-107.408909 NAD83

Rio Arriba, NM

30-039-31331 ROSA UNIT #655H

Operator: LOGOS OPERATING, LLC

Rosa Unit #655H

API# 30-039-31331

Lease # SF-078769

Surface Location: A-25-31N-06W

1015 FNL 380 FEL

Lat/Long: 36.875071,-107.409086 NAD83

Rio Arriba, NM

30-039-31329 ROSA UNIT #657H

Operator: LOGOS OPERATING, LLC

Rosa Unit #657H

API# 30-039-31329

Lease # SF-078769

1038 FNL 341 FEL

Surface Location: A-25-31N-06W

Lat/Long: 36.875009,-107.408953 NAD83

Rio Arriba, NM

Vanessa Fields

Regulatory Manager

Email: vfields@logosresourcesllc.com

Office: 505-787-2218

Cell: 505-320-1243



From: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>

Sent: Wednesday, September 6, 2023 2:21 PM

To: Vanessa Fields <vfields@logosresourcesllc.com>; Virgl Lucero (virgl_lucero@blm.gov) <virgl_lucero@blm.gov>

Cc: Randy Edgeington <redgeington@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Dacye Shull <dshull@logosresourcesllc.com>

Subject: RE: [EXTERNAL] Request Surface Plates for LOGOS P&A

Vanessa

Please be more specific'

API #s need to be included in the request and a definite time for the placing of an

above ground marker needs to be noted. Indefinite is not approved.

We only permit a permanent below grade marker in an agricultural area. Rosa is not an agricultural area.

Thank you

Monica Kuehling
Compliance Officer Supervisor
Deputy Oil and Gas Inspector
New Mexico Oil Conservation Division
North District
Office Phone: 505-334-6178 ext. 123
Cell Phone: 505-320-0243
Email - monica.kuehling@emnrd.nm.gov

From: Vanessa Fields <vfields@logosresourcesllc.com>
Sent: Wednesday, September 6, 2023 2:12 PM
To: Kuehling, Monica, EMNRD <monica.kuehling@emnrd.nm.gov>; Virgl Lucero (<virgl_lucero@blm.gov>) <virgl_lucero@blm.gov>
Cc: Randy Edgeington <redgeington@logosresourcesllc.com>; Robert Bixler <rbixler@logosresourcesllc.com>; Etta Trujillo <etrujillo@logosresourcesllc.com>; Dacye Shull <dshull@logosresourcesllc.com>
Subject: [EXTERNAL] Request Surface Plates for LOGOS P&A

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Good afternoon Monica,

LOGOS respectfully request to bury the P&A Marker plate 3' bgsd for the referenced surface set P&A's due to equipment restraints and safety issues on location.

LOGOS will submit a C-102 to the NMOCD for each location.

Rosa Unit 646H
Rosa Unit# 651H
Rosa Unit# 653H
Rosa Unit # 655H
Rosa Unit #657H

Thank you,

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 282443

CONDITIONS

| | |
|---|--|
| Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401 | OGRID: 289408 |
| | Action Number: 282443 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--|----------------|
| mkuehling | Well plugged 9/7/2023 with condition above grade marker required to be set by January 31, 2024 - contact NMOCD when above grade marker placed. | 12/26/2023 |