

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. NMSF078769
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 87401

3b. Phone No. (include area code)
(505) 278-8720

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 19 T31N R05W NENW UNIT C 952 FNL 422 FWL

7. If Unit of CA/Agreement, Name and/or No.
NMNM78407E

8. Well Name and No.
ROSA UNIT 647H

9. API Well No.
30-039-31411

10. Field and Pool or Exploratory Area
BASIN MANCOS

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 Well
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> 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 - Intermediate Casing
	<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.)

8/16/22 - Walk rig over from Rosa Unit 645H. NU BOP. Test surf csg to 1500psi/30min. Test good. Drill 12.25" intermediate hole f/340' t/997'.
 8/17-21/22 - Drill 12.25" intermediate hole f/997' t/5169'. Loss BHA in hole. TOF @ 3609'. TIH with screw in sub. Wash to TOF and screw into fish. Work fish through tight hole, lost fish. POOH. TIH with 9-5/8" overshot with 6-5/8" grapple. Work down and latch onto fish and work fish through tight hole. POOH and lay down 7 jts DP & 8 jts of HWDP. TIH with 9-5/8" overshot with 6-1/2" grapple. Wash down to TOF @ 4164'. Latched onto fish and work through tight hole. Released from fish. TOOH. TIH with screw in sub and jars to TOF @ 4164". Screwed into fish. Jarred and circulated through fish, fish came free. TOH and LD fish.
 8/22-23/22 - Wash & ream f/330' t/5169', Circ. Drill 12.25" hole f/5169' t/6249'.
 8/24/22 - Cont drilling f/6249' to TD @ 6439'. Circ & condition. Spot LCM. Lay down BHA. Rig up csg crew, run 9-5/8" Int csg to 1623'
 8/25/22 - Cont to run INT csg w/144jts 9-5/8" L-80 47.0# landed @ 6333' w/FC @ 6252'. DV tools @ 4733' & 3100'. RD csg crew. RU cementers. Stage1 CMT lead w/430sxs(176bbbs, 989cf) @ 12.0ppg, 2.30yld, and Tail w/852sxs(175bbbs, 980cf) Premium G @ 15.8ppg, 1.15yld. Drop plug, displace w/471bbbs FW & mud. Bump plug @ 23:59. WOC
 8/26/2022 - WOC & held 650psi. Open tool, Circ 5bbbs cmt to surface. RR to RU 649H. Pumped stage2 CMT lead w/622sxs(255bbbs, 1431cf) @ 12.0ppg, 2.30yld, and Tail w/350sxs(108bbbs, 606cf) @ 13.2ppg, 1.73yld. Drop plug, displace w/355bbbs water & mud. Open tool. Circ 41bbbs to surface. Bump plug. WOC.
 8/27/2022 - Pumped stage3 CMT lead w/1416sxs(580bbbs, 3257cf) @ 12.0ppg, 2.30yld, and Tail w/1136sxs(350bbbs, 1965cf) @ 13.2ppg, 1.73yld. Drop plug, displace w/229bbbs FW. Close DV tool. 290bbbs cmt to surface prior to landing plug. TOC @ surface via circulation of all three stages. 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 *Etta Trujillo*

Date 09/21/2022

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 / R5W / SEC 19 / NENW /	County or Parish/State: RIO ARRIBA / NM
Well Number: 647H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078769	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 300393141100X1	Well Status: Temporarily Abandoned	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2693805

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 09/21/2022

Time Sundry Submitted: 09:07

Date Operation Actually Began: 08/16/2022

Actual Procedure: AMENDED 8/16/22 - Walk rig over from Rosa Unit 645H. NU BOP. Test surf csg to 1500psi/30min. Test good. Drill 12.25" intermediate hole f/340' t/997'. 8/17-21/22 - Drill 12.25" intermediate hole f/997' t/5169'. Loss BHA in hole. TOF @ 3609'. TIH with screw in sub. Wash to TOF and screw into fish. Work fish through tight hole, lost fish. POOH. TIH with 9-5/8" overshot with 6-5/8" grapple. Work down and latch onto fish and work fish through tight hole. POOH and lay down 7 jts DP & 8 jts of HWDP. TIH with 9-5/8" overshot with 6-1/2" grapple. Wash down to TOF @ 4164'. Latched onto fish and work through tight hole. Released from fish. TOOH. TIH with screw in sub and jars to TOF @ 4164'. Screwed into fish. Jarred and circulated through fish, fish came free. TOH and LD fish. 8/22-23/22 - Wash & ream f/330' t/5169', Circ. Drill 12.25" hole f/5169' t/6249'. 8/24/22 - Cont drilling f/6249' to TD @ 6439'. Circ & condition. Spot LCM. Lay down BHA. Rig up csg crew, run 9-5/8" Int csg to 1623' 8/25/22 - Cont to run INT csg w/144jts 9-5/8" L-80 47.0# landed @ 6333' w/FC @ 6252'. DV tools @ 4733' & 3100'. RD csg crew. RU cementers. Stage1 CMT lead w/430sxs(176bbbls, 989cf) @ 12.0ppg, 2.30yld, and Tail w/852sxs(175bbbls, 980cf) Premium G @ 15.8ppg, 1.15yld. Drop plug, displace w/471bbbls FW & mud. Bump plug @ 23:59. WOC 8/26/2022 - WOC & held 650psi. Open tool, Circ 5bbbls cmt to surface. RR to RU 649H. Pumped stage2 CMT lead w/622sxs(255bbbls, 1431cf) @ 12.0ppg, 2.30yld, and Tail w/350sxs(108bbbls, 606cf) @ 13.2ppg, 1.73yld. Drop plug, displace w/355bbbls water & mud. Open tool. Circ 41bbbls to surface. Bump plug. WOC. 8/27/2022 - Pumped stage3 CMT lead w/1416sxs(580bbbls, 3257cf) @ 12.0ppg, 2.30yld, and Tail w/1136sxs(350bbbls, 1965cf) @ 13.2ppg, 1.73yld. Drop plug, displace w/229bbbls FW. Close DV tool. 290bbbls cmt to surface prior to landing plug. TOC @ surface via circulation of all three stages. RD cmt crew. SIW. Pressure test will be included on the production casing sundry.

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Well Location: T31N / R5W / SEC 19 / NENW /

County or Parish/State: RIO ARRIBA / NM

Well Number: 647H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078769

Unit or CA Name: ROSA UNIT-MANCOS PA

Unit or CA Number: NMNM78407E

US Well Number: 300393141100X1

Well Status: Temporarily Abandoned

Operator: LOGOS OPERATING LLC

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_647H_INT_Subsequent_Report_20220827_Amended_20220921090705.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: SEP 21, 2022 09:07 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: 09/21/2022

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

CONDITIONS

Action 145283

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 145283
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	10/26/2022