

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.  
NMSF078769  
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
LOGOS OPERATING LLC3a. Address  
2010 AFTON PLACE  
FARMINGTON, NM 874013b. Phone No. (include area code)  
(505) 278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 19 T31N R05W NENW (C) 946 FNL 438 FWL7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E8. Well Name and No.  
ROSA UNIT 647H9. API Well No. ~~30-039-31319~~ **30-039-31411**10. 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 checked="" 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"/> 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 type="checkbox"/> Other	
	<input checked="" 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 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 one 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.)

Per OCD original wellbore 647H API number 30-039-31319 will change to "Y" and the new wellbore with the new API number will become the "H".

LOGOS request a change in plans with the new surface set per the attached C102 plat and the surface hole to 17.5" hole size with a total depth of 320' or greater, with 13-3/8", 54.5#, J-55 or equivalent BTC or LTC casing.

Surface cement of 263sks of 15.8ppg Type Neat G, 1.18cuff/sk yield or equivalent of 223sks of 14.6ppg Type III with 1.39 cuff/sk yield +30% excess. TOC at surface.

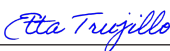
Drilling Plans will be submitted later for the Intermediate and Production string.

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

Etta Trujillo

Title Regulatory Specialist

Signature



Date 9/09/2021

**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)

District I  
1625 N. French Drive, Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 1, 2011

District II  
811 S. First Street, Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

Submit one copy to  
Appropriate District Office

District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

OIL CONSERVATION DIVISION  
1220 South St. Francis Drive  
Santa Fe, NM 87505

☒ AMENDED REPORT

District IV  
1220 S. St. Francis Drive, Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom-hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature Etta Trujillo

9/09/2021

Signature  
Etta Trujillo

Printed Name \_\_\_\_\_

etrujillo@logosresourcesllc.com

E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: JUNE 28, 2021  
Survey Date: JANUARY 2, 2015

Signature and Seal of Professional Surveyor



JASON C. EDWARDS

Certificate Number	15269
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## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> APT. Number <b>30-039-31411</b>		<sup>2</sup> Pool Code 97232	<sup>3</sup> Pool Name BASIN MANCOS	
<sup>4</sup> Property Code 320608	<sup>5</sup> Property Name ROSA UNIT		<sup>6</sup> Well Number 647H	
<sup>7</sup> GRID No. 289408	<sup>8</sup> Operator Name LOGOS OPERATING, LLC		<sup>9</sup> Elevation 6305'	

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	31N	5W	1	952	NORTH	422	WEST	RIO ARriba

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet from the East/West line	County
F	21	31N	5W		1382	1923	RIO ARriba

<sup>12</sup> Dedicated Acres 872.01	N/2 - Sections 19, 20, 21, T31N, R5W	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.	APN: 017-001-000-000
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION  
952' FNL 422' FWL  
SECTION 19, T31N, R5W  
LAT: 36.889709 °N  
LONG: 107.405733 °W  
DATUM: NAD1927

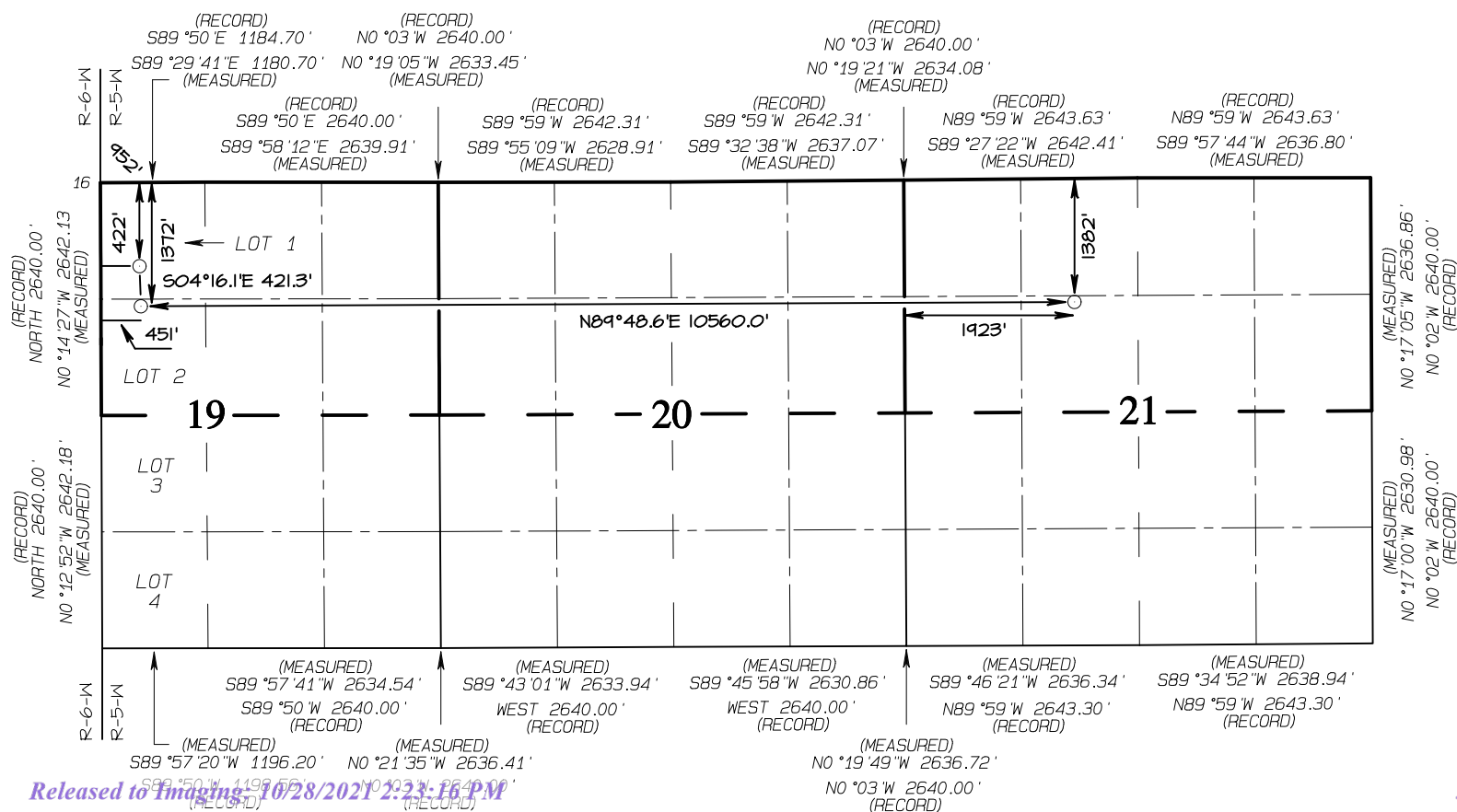
POINT-OF-ENTRY  
1372' FNL 451' FWL  
SECTION 19, T31N, R5W  
LAT: 36.888555 °N  
LONG: 107.405632 °W  
DATUM: NAD1927

END-OF-LATERAL  
1382' FNL 1923' FWL  
SECTION 21, T31N, R5W  
LAT: 36.888516°N  
LONG: 107.369523°W  
DATUM: NAD1927

LAT: 36.889715 °N  
LONG: 107.406336 °W  
DATUM: NAD1983

LAT: 36.888561 °N  
LONG: 107.406235 °W  
DATUM: NAD1983

LAT: 36.888522 °N  
LONG: 107.370125 °W  
DATUM: NAD1983



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: 300393131900X1	Well Status: Temporarily Abandoned	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2633467

Type of Submission: Notice of Intent

Date Sundry Submitted: 09/09/2021

Date proposed operation will begin: 09/09/2021

Type of Action: Other

Time Sundry Submitted: 04:11

**Procedure Description:** Per OCD original wellbore 647H API number 30-039-31319 will change to “Y” and the new wellbore with the new API number will become the “H”. LOGOS request a change in plans with the new surface set per the attached C102 plat and the surface hole to 17.5” hole size with a total depth of 320’ or greater, with 13-3/8”, 54.5#, J-55 or equivalent BTC or LTC casing. Surface cement of 263sks of 15.8ppg Type Neat G, 1.18cuft/sk yield or equivalent of 223sks of 14.6ppg Type III with 1.39 cuft/sk yield +30% excess. TOC at surface. Drilling Plans will be submitted later for the Intermediate and Production string.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160\_5\_Rosa\_Unit\_647H\_Change\_in\_plans\_20210909\_20210909161039.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>
<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

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> ETTA TRUJILLO	<b>Signed on:</b> SEP 09, 2021 04:11 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>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

BLM Point of Contact

<b>BLM POC Name:</b> KENNETH G RENNICK	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5055647742	<b>BLM POC Email Address:</b> krennick@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 10/20/2021
<b>Signature:</b> Kenneth Rennick	

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
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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 57356

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 57356
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review 10/27/2021	10/27/2021

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1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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CONDITIONS  
  
Action 57356

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 57356
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ahvermersch	File NGMP	10/28/2021