

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 LLC**3a. Address **2010 AFTON PLACE, FARMINGTON, NM 87401** 3b. Phone No. (include area code)
(505) 278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 21/T31N/R5W/NMP7. If Unit of CA/Agreement, Name and/or No.
ROSA UNIT, ROSA UNIT--MV/NMNM78407A, NMNM788. Well Name and No. **ROSA UNIT/189**9. API Well No. **3003930186**10. Field and Pool or Exploratory Area
BLANCO MESAVERDE/BASIN DAKOTA11. Country or Parish, State
RIO ARRIBA/NM**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

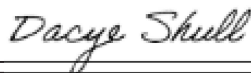
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 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	Wellbore Isolation

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.)

The Rosa Unit 189 is at risk of catastrophic failure from the nearby Pad 27 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
DACYE SHULL / Ph: (505) 324-4145Title **REGULATORY TECH**

Signature (Electronic Submission)

Date **10/03/2023****THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / ApprovedTitle **Petroleum Engineer**Date **10/03/2023**

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWNE / 1455 FNL / 1780 FEL / TWSP: 31N / RANGE: 5W / SECTION: 21 / LAT: 36.88833 / LONG: -107.36475 (TVD: 0 feet, MD: 0 feet)

BHL: SWNE / 2310 FNL / 2310 FEL / TWSP: 31N / RANGE: 5W / SECTION: 21 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 21 / SWNE / 36.88833 / -107.36475	County or Parish/State: RIO ARRIBA / NM
Well Number: 189	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078769	Unit or CA Name: ROSA UNIT, ROSA UNIT--MV	Unit or CA Number: NMNM78407A, NMNM78407E
US Well Number: 3003930186	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2754588

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 10/03/2023

Time Sundry Submitted: 10:44

Date proposed operation will begin: 10/03/2023

Procedure Description: The Rosa Unit 189 is at risk of catastrophic failure from the nearby Pad 27 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_189_NOI_Wellbore_Isolation_20231003_20231003104148.pdf

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 21 /
SWNE / 36.88833 / -107.36475County or Parish/State: RIO
ARRIBA / NM

Well Number: 189

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMSF078769

Unit or CA Name: ROSA UNIT, ROSA
UNIT--MVUnit or CA Number:
NMNM78407A, NMNM78407E

US Well Number: 3003930186

Well Status: Producing Gas Well

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: DACYE SHULL

Signed on: OCT 03, 2023 10:42 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 10/03/2023

Signature: Kenneth Rennick



WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2023)

Rosa Unit 189

30-039-30186

1455' FNL & 1780' FEL

Section 21, T31N, R05W

Rio Arriba, New Mexico

LAT: 36.8882217° N LONG: -107.3646927° W

Mesaverde/Mancos/Dakota

PROJECT OBJECTIVE:

The Rosa Unit 189 is at risk of catastrophic failure from the nearby Pad 27 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore.

WORKOVER PROCEDURE:

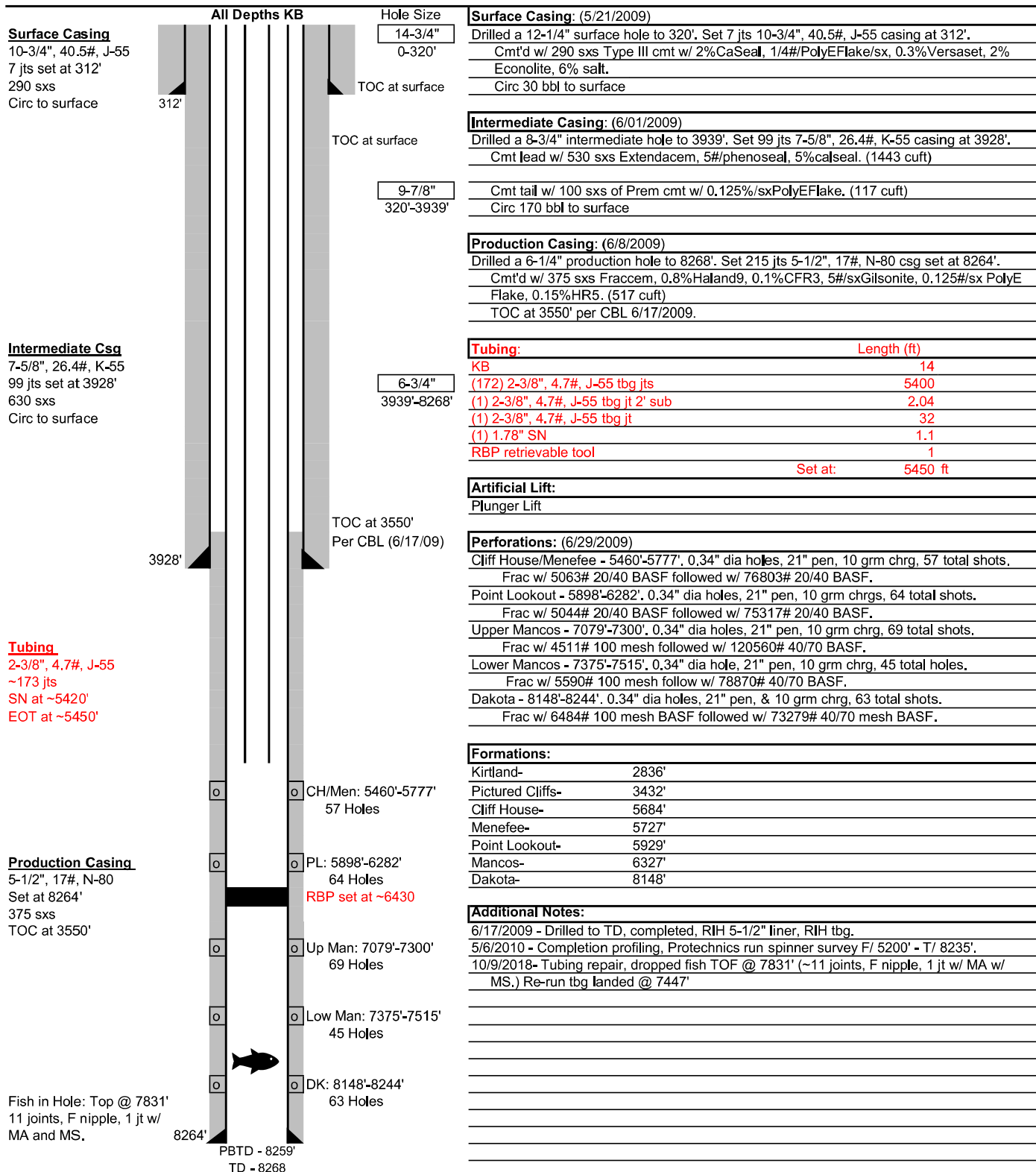
1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. TOOH and stand back tubing.
5. Set bridge plug at ~6430'
6. RIH with tubing and sting into retainer.
7. Leave well shut in during offset completions.
8. Once offset completions are complete, TOOH with tubing.
9. Trip in hole and retrieve the bridge plug.
10. Run 2-3/8" tubing back in hole and return well to production.



Wellbore Schematic

Well Name: Rosa Unit 189
 Location: Sec 21, T31N, R05W 1455' FNL & 1455' FEL
 County: Rio Arriba
 API #: 30-039-30186
 Co-ordinates: Lat 36.8882217 Long -107.3646927
 Elevations: GROUND: 6589'
 KB: 6603'
 Depths (KB): PBDT: 8259'
 TD: 8268'

Date Prepared: 1/23/2019 Gomez
 Last Updated: 8/24/2023 Peace
 Spud Date: 5/20/2009
 Completion Date: 8/1/2009
 Last Workover Date: 10/9/2018



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 273808

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 273808
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Submit a new NOI prior to removing the BP and returning the well to production.	11/7/2023