

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. **NMSF078765**

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 9/T31N/R6W/NMP**

7. If Unit of CA/Agreement, Name and/or No. **ROSA UNIT--MV/NMNM78407A**

8. Well Name and No. **ROSA UNIT/180A**

9. API Well No. **3004529800**

10. Field and Pool or Exploratory Area  
**FRUITLAND COAL/BLANCO MESAVERDE**

11. Country or Parish, State  
**SAN JUAN/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 type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" 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.)

LOGOS Operating, requests to temporarily abandoned the Rosa Unit 180A for Pad 5 development.

See attached temporary abandonment procedure and wellbore schematic.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**ETTA TRUJILLO / Ph: (505) 324-4154**

Title **Regulatory Specialist**

Signature \_\_\_\_\_ Date **10/20/2022**

**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)

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R6W / SEC 9 / NENW / 36.918492 / -107.470963	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 180A	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078765	<b>Unit or CA Name:</b> ROSA UNIT--MV	<b>Unit or CA Number:</b> NMNM78407A
<b>US Well Number:</b> 300452980000S1	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> LOGOS OPERATING LLC

**Notice of Intent**

**Sundry ID:** 2699046

**Type of Submission:** Notice of Intent

**Type of Action:** Temporary Abandonment

**Date Sundry Submitted:** 10/20/2022

**Time Sundry Submitted:** 03:50

**Date proposed operation will begin:** 10/20/2022

**Procedure Description:** LOGOS Operating, requests to temporarily abandoned the Rosa Unit 180A for Pad 5 development. See attached temporary abandonment procedure and wellbore schematic.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

4.\_REGULATORY\_PROCEDURE\_TA\_\_Rosa\_Unit\_180A\_with\_schematic\_20221020154905.pdf

Well Name: ROSA UNIT

Well Location: T31N / R6W / SEC 9 / NENW / 36.918492 / -107.470963

County or Parish/State: SAN JUAN / NM

Well Number: 180A

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078765

Unit or CA Name: ROSA UNIT--MV

Unit or CA Number: NMNM78407A

US Well Number: 300452980000S1

Well Status: Producing Gas Well

Operator: LOGOS OPERATING LLC

Conditions of Approval

Specialist Review

Proposed\_TA\_COAs\_KR\_01112022\_20221021075751.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: OCT 20, 2022 03:50 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: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 10/21/2022

Signature: Kenneth Rennick



# **Temporary Abandonment Procedure**

## **Rosa Unit 180A**

### **API: 30-045-29800**

The Rosa Unit 180A needs to be temporarily abandoned for Pad 5 development.

1. Nipple down wellhead and nipple up BOP.
2. Trip out of hole with tubing.
3. Run 4-1/2" string mill to within 50' of the top perforation at 4497'.
4. Set a 4-1/2" cast iron bridge plug within 100' of the top perforation at 4497'.
5. Load hole with packer fluid and roll hole.
6. Conduct mechanical integrity test:
  - a. Top off with packer fluid, if necessary.
  - b. Pressure up casing to 560 psig.
  - c. Record pressure on a 1-hour chart with a 1000 psig spring for 30 minutes.
  - d. Contact engineer with results.
7. Bleed off pressure and completely nipple down wellhead to surface.
8. Install a night cap and move off location.

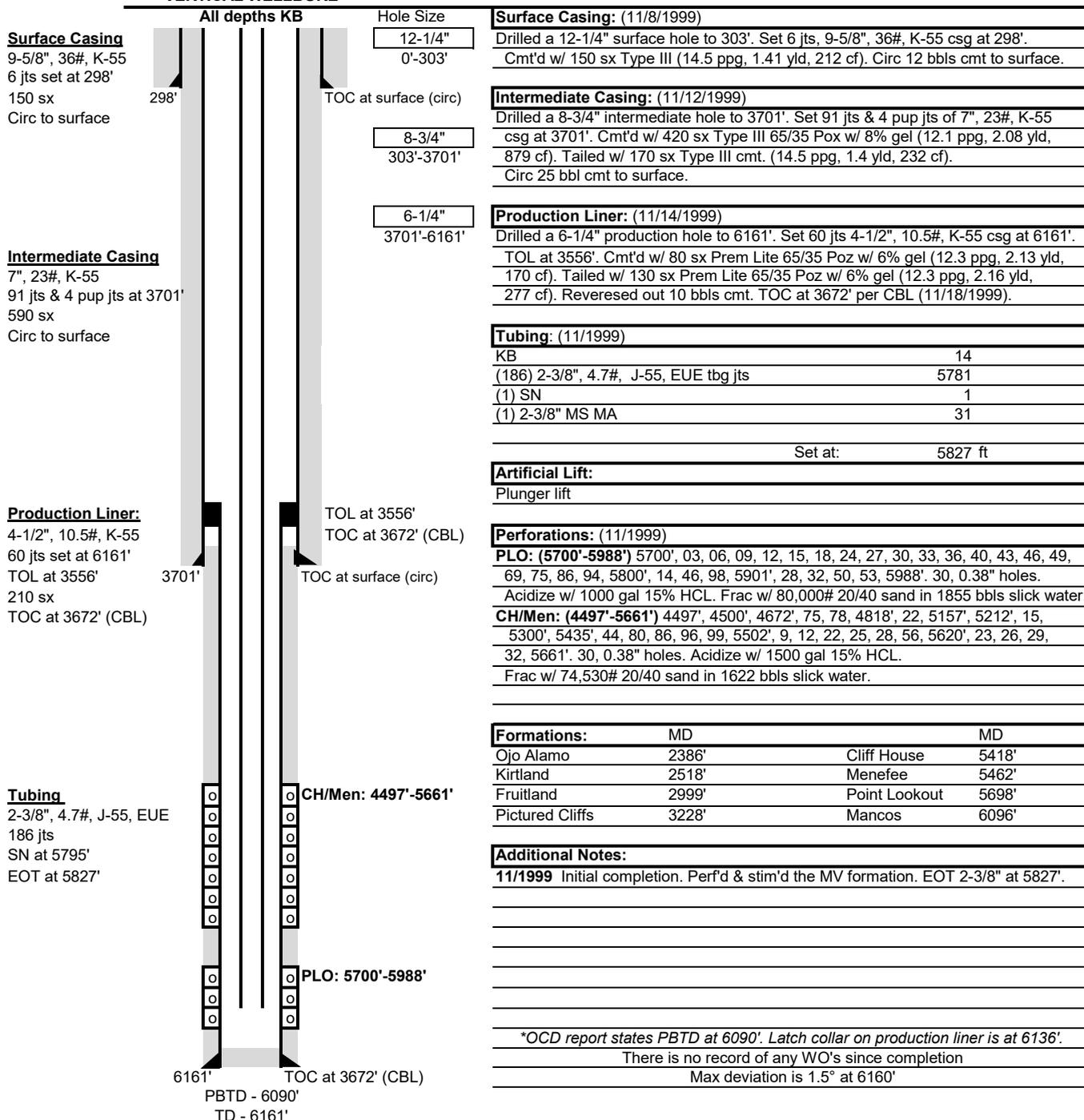


**Wellbore Schematic**

Well Name: Rosa Unit 180A  
 Location: C-09-31N-06W 1035' FNL & 1845' FWL  
 County: San Juan, NM  
 API #: 30-045-29800  
 Co-ordinates: Lat 36.9185753, Long -107.4708786  
 Elevations: GROUND: 6427'  
 KB: 6441'  
 Depths (KB): PBDT: 6090'  
 TD: 6161'

Date Prepared: 10/20/2022 Moss  
 Reviewed By: 10/20/2022 Gomez  
 Last Updated: \_\_\_\_\_  
 Spud Date: 11/7/1999  
 Completion Date: 11/25/1999  
 Last Workover Date: NA

**VERTICAL WELLBORE**



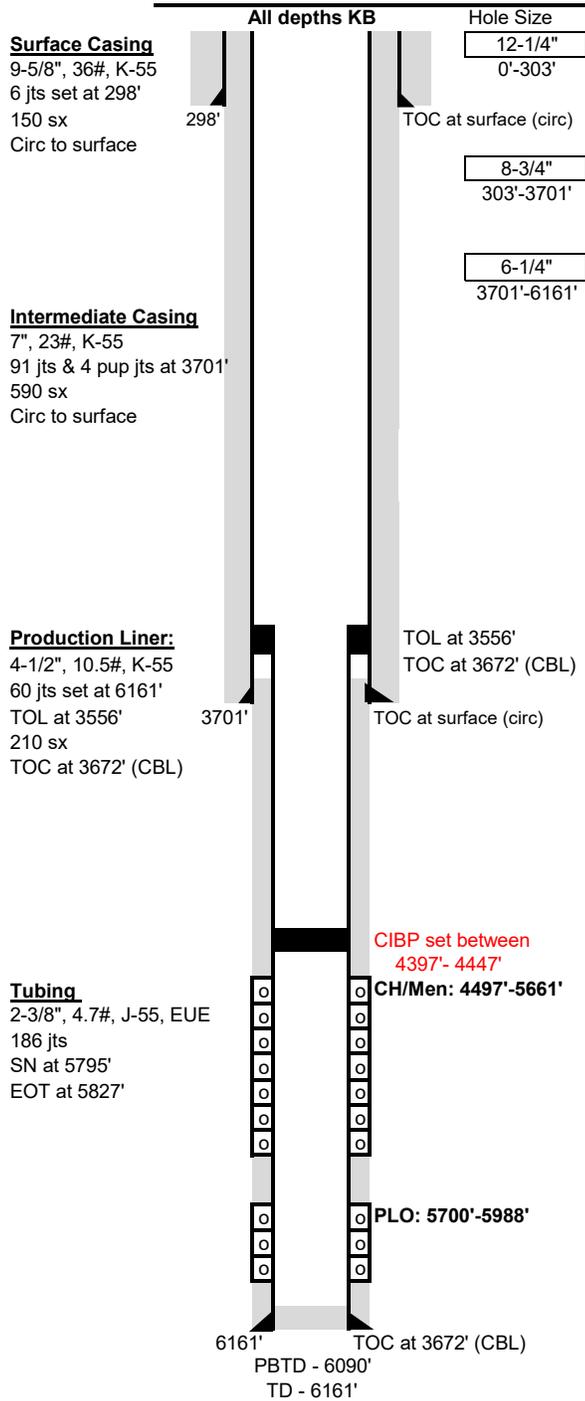


**Proposed Wellbore Schematic**

Well Name: Rosa Unit 180A  
 Location: C-09-31N-06W 1035' FNL & 1845' FWL  
 County: San Juan, NM  
 API #: 30-045-29800  
 Co-ordinates: Lat 36.9185753, Long -107.4708786  
 Elevations: GROUND: 6427'  
 KB: 6441'  
 Depths (KB): PBTD: 6090'  
 TD: 6161'

Date Prepared: 10/20/2022 Moss  
 Reviewed By: 10/20/2022 Gomez  
 Last Updated:  
 Spud Date: 11/7/1999  
 Completion Date: 11/25/1999  
 Last Workover Date: NA

**VERTICAL WELLBORE**



**Surface Casing: (11/8/1999)**  
 Drilled a 12-1/4" surface hole to 303'. Set 6 jts, 9-5/8", 36#, K-55 csg at 298'. Cmt'd w/ 150 sx Type III (14.5 ppg, 1.41 yld, 212 cf). Circ 12 bbls cmt to surface.

**Intermediate Casing: (11/12/1999)**  
 Drilled a 8-3/4" intermediate hole to 3701'. Set 91 jts & 4 pup jts of 7", 23#, K-55 csg at 3701'. Cmt'd w/ 420 sx Type III 65/35 Poz w/ 8% gel (12.1 ppg, 2.08 yld, 879 cf). Tailed w/ 170 sx Type III cmt. (14.5 ppg, 1.4 yld, 232 cf). Circ 25 bbl cmt to surface.

**Production Liner: (11/14/1999)**  
 Drilled a 6-1/4" production hole to 6161'. Set 60 jts 4-1/2", 10.5#, K-55 csg at 6161'. TOL at 3556'. Cmt'd w/ 80 sx Prem Lite 65/35 Poz w/ 6% gel (12.3 ppg, 2.13 yld, 170 cf). Tailed w/ 130 sx Prem Lite 65/35 Poz w/ 6% gel (12.3 ppg, 2.16 yld, 277 cf). Reversed out 10 bbls cmt. TOC at 3672' per CBL (11/18/1999).

**Tubing:**

KB	14
NA	

**Artificial Lift:**  
 Plunger lift

**Perforations: (11/1999)**  
**PLO: (5700'-5988')** 5700', 03, 06, 09, 12, 15, 18, 24, 27, 30, 33, 36, 40, 43, 46, 49, 69, 75, 86, 94, 5800', 14, 46, 98, 5901', 28, 32, 50, 53, 5988'. 30, 0.38" holes. Acidize w/ 1000 gal 15% HCL. Frac w/ 80,000# 20/40 sand in 1855 bbls slick water.  
**CH/Men: (4497'-5661')** 4497', 4500', 4672', 75, 78, 4818', 22, 5157', 5212', 15, 5300', 5435', 44, 80, 86, 96, 99, 5502', 9, 12, 22, 25, 28, 56, 5620', 23, 26, 29, 32, 5661'. 30, 0.38" holes. Acidize w/ 1500 gal 15% HCL. Frac w/ 74,530# 20/40 sand in 1622 bbls slick water.

**Formations:**

	MD		MD
Ojo Alamo	2386'	Cliff House	5418'
Kirtland	2518'	Menefee	5462'
Fruitland	2999'	Point Lookout	5698'
Pictured Cliffs	3228'	Mancos	6096'

**Additional Notes:**  
 11/1999 Initial completion. Perf'd & stim'd the MV formation. EOT 2-3/8" at 5827'.  
 10/2022 TA well  
 \*OCD report states PBTD at 6090'. Latch collar on production liner is at 6136'.  
 There is no record of any WO's since completion  
 Max deviation is 1.5" at 6160'

**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 152603

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 152603
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to MIT. Bradenhead test required prior to MIT day of MIT - NOI for TA approved - Nightcap approved only until 2/1/2024 or any break in completions lasting longer than 6 months - whichever comes first - all is null and void if MIT does not pass.	10/25/2022