

Submit 1 Copy To Appropriate District Office  
 District I – (575) 393-6161  
 1625 N. French Dr., Hobbs, NM 88240  
 District II – (575) 748-1283  
 811 S. First St., Artesia, NM 88210  
 District III – (505) 334-6178  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV – (505) 476-3460  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-103  
 Revised July 18, 2013

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

WELL API NO. 30-039-24896
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL - NMSF078887
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name ROSA UNIT
8. Well Number 296
9. OGRID Number 289408
10. Pool name or Wildcat BASIN FRUITLAND COAL

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator LOGOS OPERATING, LLC	
3. Address of Operator 2010 AFTON PLACE, FARMINGTON, NM 87401	
4. Well Location Unit Letter <u>D</u> : <u>1230</u> feet from the <u>FNL</u> line and <u>680</u> feet from the <u>FWL</u> line Section <u>12</u> <u>31N</u> Township <u>04W</u> Range <u>NMPM</u> <u>RIO ARRIBA</u> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7006'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: MIT <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

LOGOS Operating requests permission to perform an MIT on subject well per attached procedure and wellbore schematic.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Etta Trujillo TITLE Regulatory Specialist DATE 3/15/2022

Type or print name Etta Trujillo E-mail address: etrujillo@logosresourcesllc.com PHONE: (505) 324-4154  
**For State Use Only**

APPROVED BY: Monica Kuehling TITLE Deputy Oil and Gas Inspector DATE 3/22/2022  
 Conditions of Approval (if any):

## Etta Trujillo

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**From:** AFMSS <blm-afmss-notifications@blm.gov>  
**Sent:** Monday, March 14, 2022 5:10 PM  
**To:** Etta Trujillo  
**Subject:** Well Name: ROSA UNIT, Well Number: 296, Notification of Issue with Notice Of Intent

### The Bureau of Land Management

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#### Notice of Issue with Notice Of Intent

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **296**
- US Well Number: **300392489600S1**
- Sundry ID: **2661918**

The BLM received your Notice Of Intent, Mechanical Integrity Test on 03/14/2022. This is to notify you that we are returning your Notice Of Intent Mechanical Integrity Test for the following reason(s):

Prior approval not required. Please delete.

The returned Notice Of Intent has generated another task in your worklist that will allow you to update your request and then resubmit to the BLM.

You may contact the field office if you have any questions.

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This notification is automatically generated. Please do not reply to this message as this account is not monitored.

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## **MECHANICAL INTEGRITY TEST- (2022)**

**Rosa Unit 296**  
**30-039-24896**  
**1230' FNL & 680' FWL**  
**Sec 12, T31N, R04W**  
**Rio Arriba County, New Mexico**  
**Lat 36.9179535° Long -107.2128525°**

### **PROJECT OBJECTIVE:**

Top off the casing with packer fluid. Rig up chart recorder and conduct mechanical integrity test.

### **WORKOVER PROCEDURE:**

1. Contact regulatory to ensure test has been scheduled with NMOCD.
2. Hold safety meeting. Comply with all LOGOS, BLM and NMOCD rules and regulations.
3. Top off the 7" casing with packer fluid at least 24 hours before the pressure test.
4. RU chart recorder to chart pressure test as follows:
  - **Top off with packer fluid, if needed.**
  - **Record pressure on 1 hour chart with 560 psig for 30 minutes with a 1000-pound spring.**
  - **Contact engineer with results of pressure test.**
5. Bleed off pressure. Complete high discharge kill test and chart bleed off on the test.
6. RD chart recorder.



## Wellbore Schematic

Well Name: Rosa Unit 296  
 Location: Sec 12, T31N, R04W 1230' FNL & 680' FWL  
 County: Rio Arriba  
 API #: 30-039-24896  
 Co-ordinates: 36.9179535, -107.2128525  
 Elevations:  
 GROUND: 6999'  
 KB: 7012'  
 PBTD: 3960'  
 TD: 3980'

Date Prepared: 3/8/2022 Peace  
 Last Updated: 3/9/2022 Moss  
 Spud Date: 10/24/1990  
 Completion Date: 4/26/1991  
 Last Workover Date: 4/13/2017  
 Reviewed by:

## Directional Well

## Surface Casing

9-5/8", 36#, K-55  
 5 jts set @ 224'  
 160 sxs  
 Circ to surface

## All Depths KB

## Hole Size

12-1/4"  
 0-226'

## Surface Casing: (10/24/1990)

Drilled a 12-1/4" surface hole to 226'. Set 5 jts 9-5/8", 36#, K-55 casing at 224'.

Cmt w/ 160 sxs class B (189 cuft)

Circ 18 bbl to surface

## Intermediate Casing: (10/29/1990)

Drilled a 8-3/4" intermediate hole to 3863'. Set 90 jts 7", 20#, K-55 casing at 3862'.

Cmt lead w/ 710 sxs "B" Neat (1257 cuft).

Cmt tailed w/ 100sx "B" (118 cuft)

Circ 82 bbl to surface

## Production Casing Liner: (4/11/1991)

Drilled a 6-1/4" production hole to 3980'. Set 6 jts 4-1/2", 10.5#, K-55 csg set at 3979'.

Cmt w/ 60 sxs Class B (14 cu ft) at 3537'. TOL 3743'.

Circ 7bbls to surface.

## Perforations: (9/28/2008)

FTC: 16 grm chrg, 0.38" dia holes, 4 SPF, 112 total holes from 3885'-3888', 3908'-3933.

Acidized w/ 1200 gal 7.5% HCL. Frac w/ 10,440# 40/70 sand & 130,970# 20/40 sand in 89.51 gal x-link gel.

## Formations:

Ojo Alamo- 3346'

Kirtland- 3478'

Fruitland Coal- 3797'

Pictured Cliffs 3940'

## Additional Notes:

4/11/2017- MIT- TOOH & LD tbg. Set CIBO at 3815'. Conduct MIT test. Pressure up csg to 620#, no leak off. TA'd well. Send all tbg to Tuboscope.

## Intermediate Csg

7", 20#, K-55, 90 jts  
 Set @ 3862'  
 810 sxs  
 Circ to surface

8-3/4"  
 226'-3863'

6-1/4"  
 3863'-3980'

TOL at 3743'  
 TOC @Surface  
 CIBP at 3815'

3862'

o

o

FC: 3885'-3888'

o

o

FC: 3908'-3933'

## Production Casing Liner

4-1/2", 10.5#, K-55  
 Set at 3862'  
 60 sxs  
 Circ to surface  
 TOL at 3743'

3979'

PBTD - 3960'  
 TD - 3980'

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CONDITIONS

Action 91544

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 91544
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

**CONDITIONS**

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 prior to MIT - Bradenhead test required prior to MIT - Witness required by NMOCD inspector on all testing - due to shortage of personnel witnessing may have to be done through facetime where possible.	3/22/2022
mkuehling	Kill test is not required on a producing well after MIT	3/23/2022