

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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		WELL API NO. 30-039-25219
2. Name of Operator LOGOS OPERATING, LLC		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/> FEDERAL - NMSF078774
3. Address of Operator 2010 AFTON PLACE, FARMINGTON, NM 87401		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>K</u> : <u>2548</u> feet from the <u>FSL</u> line and <u>2066</u> feet from the <u>FWL</u> line Section <u>30</u> <u>31N</u> Township <u>04W</u> Range <u>NMPM</u> <u>RIO ARRIBA</u> County		7. Lease Name or Unit Agreement Name ROSA UNIT
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6549'		8. Well Number <u>315</u>
		9. OGRID Number <u>289408</u>
		10. Pool name or Wildcat BLANCO FRUITLAND COAL

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: <u>MIT</u> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 4/8/2022

Conditions of Approval (if any):

**Etta Trujillo**

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**From:** AFMSS <blm-afmss-notifications@blm.gov>  
**Sent:** Monday, March 14, 2022 5:08 PM  
**To:** Etta Trujillo  
**Subject:** Well Name: ROSA UNIT, Well Number: 315, Notification of Issue with Notice Of Intent

**The Bureau of Land Management**

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**Notice of Issue with Notice Of Intent**

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- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **315**
- US Well Number: **300392521901S1**
- Sundry ID: **2661926**

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 315**  
**30-039-25219**  
**2548' FSL & 2066' FWL**  
**Sec 30, T31N, R04W**  
**Rio Arriba County, New Mexico**  
**Lat 36.8703003° Long -107.2974243°**

### **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 5-1/2" 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.
6. Release chart recorder.



## Wellbore Schematic

Well Name: Rosa Unit 315  
 Location: Unit K, Sec 30, T31N, R04W 2548' FSL & 2066' FWL  
 County: Rio Arriba  
 API #: 30-039-25219  
 Co-ordinates: Lat 36.8703003 Long -107.2974243  
 Elevations: GROUND: 6549'  
 KB: 6561'  
 PBDT: 3523'  
 TD: 3580'  
 Depths (KB):

Last Updated: 4/15/2021 Moss  
 Reviewed by: 3/11/2022 Peace  
 Spud Date: 10/18/1992  
 Completion Date: 9/6/1993  
 Last Workover Date: 4/23/2015  
 TA'd Well: 4/8/2017

**Surface Casing**

9-5/8", 36# J-55  
 6 jts set at 300'  
 165 sx  
 Circ to surface

Hole Size  
 12-1/4"  
 0-363'  
 TOC at surface (circ)

Mill window 411'-437'

Abandoned  
 7-7/8"  
 363'-3500'

Cut csg at 505'

Spotted 50 sx  
 327'-545'

Sidetrack  
 7-7/8"  
 327'-3580'

**Abandoned Production Csg**

5-1/2", 17#, J-55  
 Set at 3499'  
 125 sx  
 TOC at 2400' (CBL)  
 Sqz'd csg at 2500'  
 w/ 600 sx

TOC at 900'

**Sidetrack Production Csg**

5-1/2", 17#, N-80  
 80 jts set at 3573'  
 547 sx  
 TOC at 900' (CBL)

Perf holes at 2500'  
 Sqz w/ 600sx cmt (1993)

DV tool at 2939'

Set cmt retainer at 3270'  
 Pump 50sx below & above  
 FC: 3296'-3301'

FC: 3350'-52'  
 FC: 3356'-64'  
 FC: 3370'-76'  
 FC: 3379'-84'

DV Tool at 3077'

Set CIBP at 3240'

FC: 3302'-06'

FC: 3350'-52'

FC: 3356'-64'

FC: 3370'-76'

FC: 3379'-84'

3499'

TD: 3500'

PBDT: 3523'  
 TD: 3580'

Lost CIBP downhole in 2017

**Surface Casing: (10/18/1992)**

Drilled a 12-1/4" surface hole to 363'. Set 8-5/8", 24#, J-55 casing at 355'.

**Abandoned Production Casing: (10/25/1992)**

Drilled a 7-7/8" production hole to 3500'. Set 5-1/2", 17#, J-55 casing at 3499'.

Float collar at 3471'. DV tool at 2939'. Cmt lead w/ 25 sx 50/50 POZ (32cf) w/ 100sx Class B cmt (118 cf). Had to shut down for winter. TOC at 2400' (6/1993 CBL)

(07/1993) Perf'd 3 sqz holes at 2500'. Sqz'd w/ 500 sx Halliburton Lite cmt & tailed w/ 100 sx Class B cmt. TOC at 1320' per 1999 CBL.

(10/1999) Set a cmt retainer at 3270' and pumped 50 sx below & 50 sx above.

**Sidetrack Production casing (10/1999)**

Cut 5-1/2" csg at 505' and pulled. Spotted 50 sx Class H cmt 300-545'. Tagged cmt at 327'.

DO cmt & milled window 411'-437'. Drilled a 7-7/8" production hole to 3580'. Set 80 jts

5-1/2", 17#, N-80 csg at 3573' w/ DV tool at 3077'. Stage 1: cmt w/ 165 sx Class H cmt.

Stage 2: cmt w/ 332 sx Type III, 35/65 POZ tailed by 50 sx Class H cmt. DO cmt to 3523'.

TOC at 900' per 10/26/1999 CBL

**Rods & Tubing:**

Pulled rods & tubing in 2017 to TA well

**Pumping Unit:**

Churchill C-114-143-54 - not in use

**Perforations:**

6/1993 - FC: 3296'-3301', 3350'-3352', 3356'-3364', 3370'-3376', 3379'-3384'.

93, 0.5" holes. Acidized w/ 600 gal 7.5% HCL. Frac w/ 26,440# 40/70 sand & 201,000# 20/40 sand in 5,500 gal liner gel & 103,230 gal 25# Borate X-link gel.

10/1999 - FC: 3302'-06', 3353'-58', 3361'-69', 3372'-78', 3383'-88'. 4spf, 112, 0.36" holes.

Acidized 3353'-3388' w/ 900 gal 15% HCL & 3302'-3306' w/ 100 gal 15% HCL

Frac 3302'-3388' w/ 223,970# 12/20 Ottawa sand in 93,720 gal 20# Delta 140 frac fluid.

**Formations:**

Ojo Alamo-	2770	Fruitland Coal-	3180'
Kirtland-	2832'	Pictured cliffs-	3425'

**Additional Notes:**

(10/1992) Finished drilling & setting casing. Had to MOL due to winter closure.

(09/1993) Completed well. Perf'd & frac'd FC formation. Perf'd csg at 2500' & sqz'd w/ 600 sx cmt. CO to 3450' and landed 2-7/8" tubing at 3347'.

(9/1995- 7/1998) well was SI due to economics, produced 7mcf/d & ~22 bwpd.

(08/1998) PU install. Tag fill at 3437', did not CO. Land 2-7/8" tbg at 3423'. Ran 7/8" plain rods and a 2.5"x2"x14' RWAC pump.

(09/1999) Drilled sidetrack, completed FC formation, CO to 3523. Landed 2-7/8" tbg at 3378'. Ran 7/8" plain rods and a 2.5"x2"x20' RWAC pump.

(09/2004) Pull rods & pump. Tag fill at 3376'. CO to PBDT. EOT at 3424'. Added 3 sinker bars to rod config & ran a 2.5"x1.5"x20' RWAC pump.

(04/2015) Pull rods & pump. Tag fill at 3504'. Pulled tbg, found leak in in collar on jt #101, just tightened collar. Land tbg at 3426'. Ran same rod configuration & same sized pump.

(04/2017) Pulled rods & tbg. Ran csg scraper to 3312'. Attempted to set CIBP at 3240'.

CIBP fell downhole, did not fish. Set new CIBP at 3240'. Loaded hole w/ 45 bbls fluid.

Pressure tested to 590#, passed test.

Max deviation is 7°

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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS  
  
Action 96968

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 96968
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to MIT through phone and email - bradenhead test required prior to MIT -	4/8/2022