

Submit a 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.)		WELL API NO. 30-039-25568
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator LOGOS OPERATING, LLC		6. State Oil & Gas Lease No. E0-0347-0066
3. Address of Operator 2010 AFTON PLACE, FARMINGTON NM 87401		7. Lease Name or Unit Agreement Name ROSA UNIT
4. Well Location Unit Letter <u>E</u> : <u>1695'</u> feet from the <u>NORTH</u> line and <u>1165'</u> feet from the <u>WEST</u> line Section <u>32</u> <u>31N</u> Township <u>05W</u> Range <u>NMPM</u> Rio Arriba County		8. Well Number <u>24A</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6505'		9. OGRID Number <u>289408</u>
		10. Pool name or Wildcat BLANCO MESAVERDE / BASIN DAKOTA

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: Wellbore Isolation <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 request to conduct a wellbore isolation for subject well. Rosa Unit 24A is at risk for a catastrophic failure from the nearby Pad 31 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore. See attached procedure.



Wellbore Isolation is approved for 6 months, at which time the wellbore shall be returned to production or other approved disposition.

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 7/11/2023

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

**For State Use Only**

APPROVED BY: John Harrison TITLE Petroleum Specialist DATE 7/13/2023

Conditions of Approval (if any):

LOGOS Operating, LLC  
 Rosa Unit 024A  
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**PROJECT OBJECTIVE:**

The Rosa Unit 024A is at risk for catastrophic failure from the nearby Pad 31 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to scan the tubing out of hole, set a composite bridge plug above the Mesaverde perforations, and load the production casing with KCL water.

**EQUIPMENT REQUESTED ON LOCATION:**

- |    |   |
|----|---|
| 1. | Rig pit with 1% KCl with biocide (2.5 gal biocide/80 bbl KCl water) |
| 2. | Rig and equipment (pump, pit, etc.)                                 |
| 3. | (4) 2-3/8" 4.7# J-55 tubing tag joints                              |
| 4. | 5-1/2" 17# Composite Bridge Plug – Select Oil Tools                 |
| 5. | 4-3/4" string mill  |
| 6. | 5-1/2" 17# x 2-3/8" packer – Select Oil Tools                       |

**PERTINENT DATA:**

KB	14'
PBTD	8130'
EOT	8008'
LAST WORKOVER	4/2023 Commingle
LAST TAG	2023-7990', C/O PBTD
PRODUCTION CASING SPECS	5-1/2", 17#, N-80
TUBING SPECS	2-3/8", 4.7#, J-55

**NOTES:**

- Prior to the workover, operations needs to recover downhole equipment or set a three-slip stop.
- Rosa Unit 024A is 200' from Rosa Unit 742H lateral.

**CONTACTS:**

Courtney Peace – Senior Engineering Tech	Dewayne Archibeque Select Oil Tools
Cell (505) 793-3302	Cell (505) 215-2011 Office (505) 564-3770
Catlain Richardson – Production & Completion Engineering Manager	Joey Robinson- Workover Rig Supervisor
Cell (505) 320-3499	Cell (505) 330-2196
Krista McWilliams – VP of Engineering Operations	Jamie Robinson- Workover Rig Supervisor
Cell (505) 419-1627	Cell (505) 320-5590
Duane Bixler – General Manager of Operations	
Cell (505) 635-1663	
Tyler Smith- Operations Manager	Sean Moore- Production Lead
Cell (505) 330-3892	Cell (505) 793-9956

LOGOS Operating, LLC  
Rosa Unit 024A  
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### **WELLBORE ISOLATION 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 as necessary.
3. ND WH. NU BOP.
4. Release tubing and PU (4) joints to tag for fill, EOT at 8008', PBTD at 8130'. Notify engineer of fill depth.
5. Trip out of hole and stand back tubing. Note condition of tubing (presence of paraffin, scale, coal fines, or sand). Note the condition of the SN. If a three-slip stop was set and recovered, return to the operations manager for return to the slickline company.

Current tubing configuration:

NO.	DESCRIPTION
<b>254</b>	2-3/8" 4.7# J-55 tubing joints
<b>1</b>	2-3/8" x 2' pup jt
<b>1</b>	2-3/8" 4.7# J-55 tubing joint
<b>1</b>	1.78" SN
<b>1</b>	2-3/8" Notched collar w/ expendable check

6. Pick up the string mill and tubing and TIH to 5280', top Mesaverde perforation at 5291'. Make additional passes across any tight spots and note any tight spots in the report. Do not enter the perforations with the string mill.
7. TOOH with string mill and tubing, standing tubing back to the derrick.
8. TIH with 5-1/2" CBP and packer on tubing. **Set CBP at ~5251'**. (Note: Set CBP within 50' of Mesaverde top perf at 5291'; see attached CCL with CBL). PUH 10' and set packer. Test CBP to 1000psi. Release packer, TOOH, and LD packer.
9. TIH with tubing as follows, landing tubing at ~5200' (~50' above the CBP). Note tubing landing depth in workover report. Lay down remaining tubing and send to Cave for storage.

NO.	DESCRIPTION
<b>1</b>	1.78" SN
<b>1</b>	2-3/8" 4.7# J-55 tubing joint
<b>1</b>	2-3/8" 4.7# J-55 marker joint (2')
<b>~163</b>	2-3/8" 4.7# J-55 tubing joints

10. Load tubing and production casing with ~135 bbls KCL water and shut in the well.
11. NU WH, RDMO.

LOGOS Operating, LLC  
Rosa Unit 024A  
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### **RETURN TO PRODUCTION:**

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.
3. ND WH. NU BOP.
4. TOOH standing back tubing.

Current tubing configuration:

NO.	DESCRIPTION
1	1.78" SN
1	2-3/8" 4.7# J-55 tubing joint
1	2-3/8" 4.7# J-55 marker joint (2')
~163	2-3/8" 4.7# J-55 tubing joints

5. Pick up mill and TIH with tubing as follows to ~2000' and utilize an air package to unload the well. Establish circulation w/ +/-500-1500 scfm and wait for pressure to normalize. After circulation has been achieved, begin pumping 1-2 bpm mist rate and unload hole.
6. PU power swivel, TIH to CBP (~5251'), and drill out the CBP. Establish and maintain good circulation and monitor returns while and after drilling out CBP. Continue cleaning out and pushing plug to bottom, short tripping if required, and adding foamer as necessary to carry returns. TOOH, standing back tubing, and LD power swivel and 4-3/4" float valve/bit/mill.
7. Drift in hole with tubing as follows. Land EOT at ~8008' or within 20' higher.

NO.	DESCRIPTION
1	2-3/8" MS w/ expendable check
1	1.78" SN
1	2-3/8" 4.7# J-55 tubing joint
1	2-3/8" 4.7# J-55 marker joint (2')
~254	2-3/8" 4.7# J-55 tubing joints

8. ND BOP, NU WH.
9. Unload well with air package
10. Pump 2-3 bbls of water and drop ball, pressure test to 500psi and pump off expendable check. Record pressure.
11. After check is pumped off, reverse well and unload with air package up the tubing string.
12. Notify manager that well is ready to be returned to plunger lift operations.

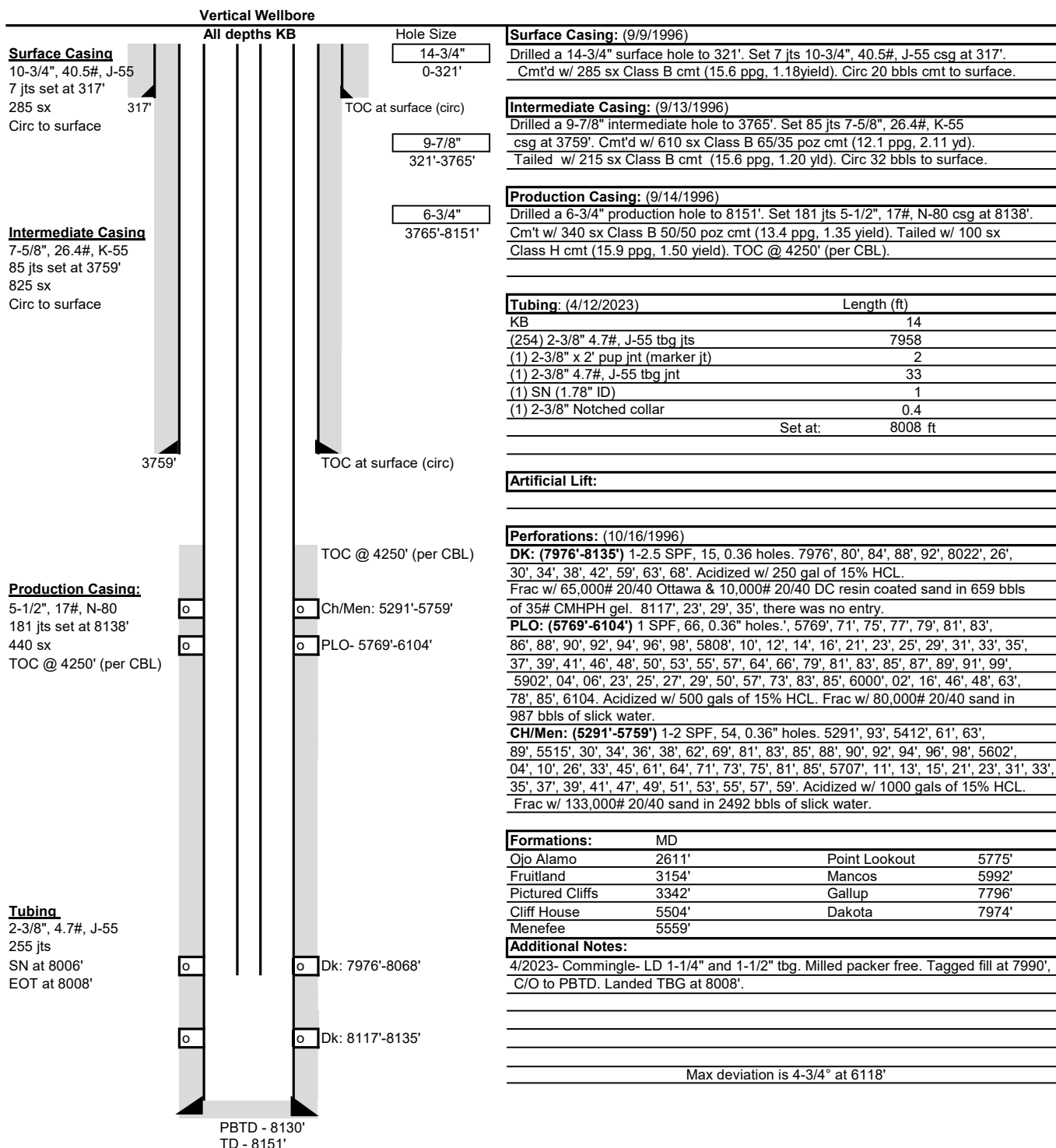
**WELL MUST BE PURGED OF OXYGEN PRIOR TO SENDING TO PRODUCTION EQUIPMENT OR TO SALES.**



## Wellbore Schematic

Well Name: Rosa Unit 024A  
 Location: E-32-31N-05W 1695' FNL & 1165' FWL  
 County: Rio Arriba, NM  
 API #: 30-039-25568  
 Co-ordinates: Lat 36.858654, Long -107.3907013 NAD83  
 Elevations: GROUND: 6505'  
 KB: 6519'  
 Depths (KB): PBD: 8130'  
 TD: 8151'

Date Prepared: 1/16/2023 Peace  
 Reviewed By: 1/18/2023 Moss  
 Last Updated: 4/13/2023 Peace  
 Spud Date: 9/9/1996  
 Completion Date: 10/31/1996  
 Last Workover Date: 4/3/2023



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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  
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Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 238343

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 238343
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	Approved w/ conditions	7/13/2023