

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. 30-039-26968
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-347
7. Lease Name or Unit Agreement Name Rosa Unit
8. Well Number 24C
9. OGRID Number 289408
10. Pool name or Wildcat Basin Dakota / Blanco Mesaverde

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 ☐ Gas Well ☒ Other

2. Name of Operator
LOGOS Operating, LLC

3. Address of Operator
2010 Afton Place, Farmington NM 87401

4. Well Location
 Unit Letter C : 210 feet from the ENL line and 1905 feet from the FWL line
 Section 32 Township 31N Range 05W NMPM County Rio Arriba

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6500'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Wellbore Isolation ☒

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.

7/21/2023 - MIRU. ND WH. NU BOPE. SDFW.

7/24/2023 - Tag no fill @ 8135'. Scan tbg out of well. TIH w/5-1/2" mill to 4725'. TOO. SDFN.

7/25/2023 - TIH 5-1/2" Semi CBP & pkr, set CBP @ 4695', set pkr @ 4664'. PT CBP. Test failed. Release pkr. Load wellbore. PT from CBP to surface, 500psi/10mins. Test good. TOO. pkr. TIH prod tbg to 4627'. ND BOPE. NU WH. Circulate pkr fluid in wellbore. PT second time for 30mins. Test good. RDMO.

Well is isolated due to PAD 31 completions.

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 8/11/2023

Type or print name Etta Trujillo E-mail address: etrujillo@logosresourcesllc.com PHONE: 505-258-2936

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

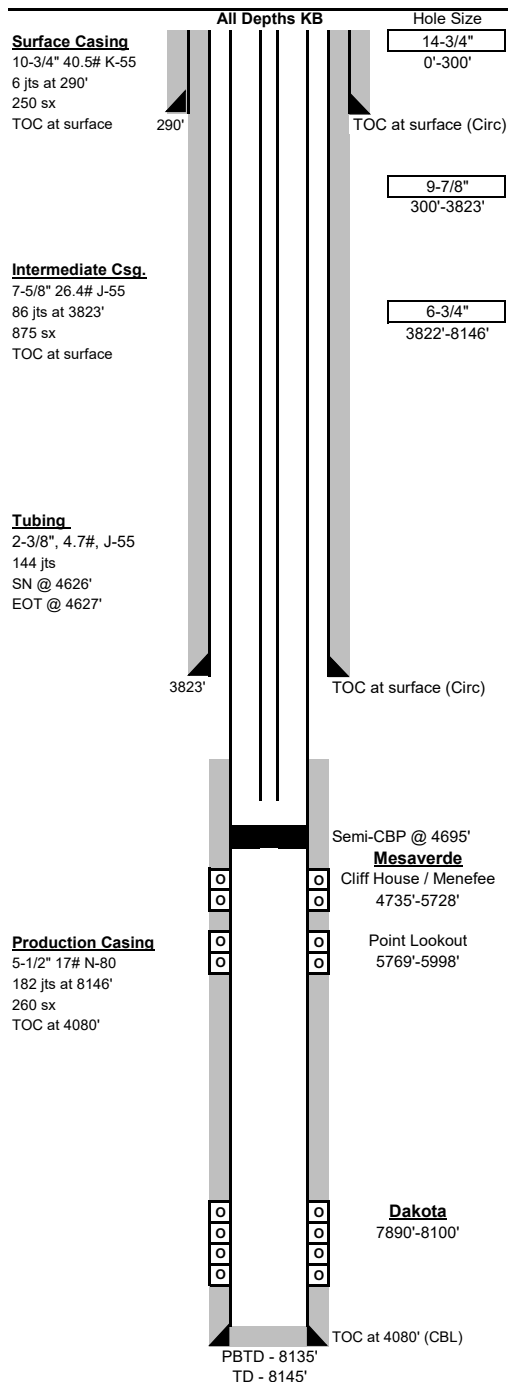
Conditions of Approval (if any):



Wellbore Schematic

Well Name: Rosa Unit 24C
 Location: Sec 32, T31N, R05W 210' FNL & 1905' FWL
 County: Rio Arriba
 API #: 30-039-26968
 Co-ordinates: Lat 36.8627319°, -107.388176° NAD 83
 Elevations: GROUND: 6500'
KB: 6514'
 Depths (KB): PBTD: 8135'
TD: 8145'

Date Prepared: 12/4/2020 Gomez
 Reviewed by: 12/15/2020 Moss
 Spud Date: 6/26/2002
 Completion Date: 7/26/2002
 Last Workover Date: 7/7/2021
 Last Updated: 8/1/2023 Peace



Surface Casing: (6/26/2002)
 Drilled 14-3/4" surface hole to 300'. Ran 6 jts 10-3/4" 40.5# K-55 csg set at 290'.
 Cmt'd w/ 250 sx Type III RMS (350 cf). Circulated 13 bbls of cement to surface.

Intermediate Casing: (7/2/2002)
 Drilled 9-7/8" intermediate hole to 3823'. Ran 86 jts 7-5/8" 26.4# J-55 csg set at 3823'.
 Cmt'd lead w/ 620 sx Type III 65/35 poz (1292 cf). Cmt'd tail w/ 255 sx Type III cmt (352 cf).
 Circulated 25 bbls of cement to surface.

Production Casing: (7/3/2002)
 Drilled 6-3/4" production hole to 8146'. Ran 182 jts 5-1/2" 17# N-80 csg set at 8146'.
 Cmt'd w/ 30 sx Premium Lite HS (80 cf). Cmt tail w/ 230 sx Premium Lite HS (470 cf).
 TOC at 4080' CBL.

Tubing: (7/7/2021)	Length (ft)
KB	14
(143) 2-3/8", 4.7#, J-55 tbg jnts	4578
(1) 2-3/8", 4.7#, J-55 tbg marker jt (2')	2
(1) 2-3/8", 4.7#, J-55 tbg jnt	32
(1) 1.78" Seat nipple	1
Set at:	4627 ft

Perforations: (7/26/2002)
Dakota: (7890'-8100') 1 SPF, 0.46" dia, 22.12" pen & 19 g charges: Acid 500 gal 15% HCl.
 7890', 82', 87', 7992', 95', 8028', 32', 34', 38', 41', 45', 62', 65', 68', 74', 8100'.
 Frac w/ 4500# 100 mesh ahead, 85,240# 20/40 Ottawa sand, 5240# FLEX sand in 20Q foam.

Mesaverde: Point Lookout- (5769'-5998') 1 SPF, 0.33" dia, 16.76" pen & 10 g charges.
 5769', 73', 89', 92', 96', 5800', 5', 7', 13', 16', 22', 26', 33', 43', 47', 50', 54', 58', 76', 80', 5900', 17',
 44', 80', 98'. Acidize w/ 1000 gal 15% HCl. Frac w/ 81,000# 20/40 AZ sand in 1921 bbls FW.

Mesaverde: Cliff House/ Menefee- (4735'-5728') 1 SPF 0.33" dia, 16.8" pen & 10 g charges.
 4735', 4839', 46', 5080', 84', 5293', 5311', 5425', 79', 88', 5528', 32', 56', 83', 86', 88', 92', 5654', 58',
 63', 67', 69', 73', 77', 5707', 10', 13', 28'. Acidize w/ 1000 gal 15% HCl.
 Frac w/ 79,000# 20/40 AZ sand in 1851 bbl FW.

Formations:		
Ojo Alamo-	2642'	Gallup- 7097'
Kirtland-	2762'	Dakota- 7977'
Pictured Cliffs-	3352'	
Lewis-	3642'	
Cliff House-	5509'	
Menefee-	5558'	
Point Lookout-	5787'	
Mancos-	6127'	

Additional Notes:
 2008- Mesaverde tubing repair. Bottom 12 joints full of frac sand. Tagged sand at 5900' sand running.
 Cleaned out to 6085', 20' fill overnight, clean out to 6085'. Land tubing.
 7/7/2021- Commingle DK and MV production zones. Heavy sand in the MV above the packer.
 Tagged 25' of fill in DK (likely contributed to by the MV sand falling through DK tubing string). Cleaned
 out to 8134'. Ran a single 2-3/8" tbg string, landed at 7989'.
 7/21/2023- Wellbore Isolation- Tagged fill at 8135'. Scanned tbg (222y, 14b, 6g, 7r). LD 74 joints and sent to
 Cave for storage. TIH w/ 5-1/2" Semi- CBP & pkr, set Semi-CBP @ 4695' & pkr @ 4664'. PT Semi-CBP, test
 leaked off. Released pkr, loaded well w/ 100bbls wtr, PT to 500psi for 10 mins, good test. TIH w/ TBG, landin
 4627". Circ pkr fluid in wellbore, PT second time for 30 mins, good test.
 Max deviation 1 degree.

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COMMENTS

Action 251187

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 251187
	Action Type: [C-103] Sub. General Sundry (C-103Z)

COMMENTS

Created By	Comment	Comment Date
dmcclosure	Associated with Application ID: 238337	9/29/2023

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Created By	Condition	Condition Date
dmcclure	None	9/29/2023