

Submit 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 2696
5. Indicate Type of Lease
STATE [X] FEE [ ]
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
11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6500'

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 [X] 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 L line and 1905 feet from the FWL line
Section 32 Township 31 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: Drill out bridge plug [X]
SUBSEQUENT REPORT OF:
REMEDIAL WORK [ ] ALTERING CASING [ ]
COMMENCE DRILLING OPNS. [ ] P AND A [ ]
CASING/CEMENT JOB [ ]
OTHER: [ ]

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.

Well was isolated with CBP @ 4695' on 7/25/2023 due to PAD 31 completions.

LOGOS Operating, LLC request to drill out bridge plug and return well to production as a Mesaverde/Dakota commingle. See attached operations procedure.

Spud Date:

[Empty box for Spud Date]

Rig Release Date:

[Empty box for 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 Regulator Specialist DATE 10/17/2023

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

For State Use Only

APPROVED BY: Dean R McClure TITLE Petroleum Engineer DATE 11/07/2023

Conditions of Approval (if any):

LOGOS Operating, LLC  
Rosa Unit 024C

**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')
~146	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 (~4695'), 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 ~7989'.

NO.	DESCRIPTION
1	1/2 Muleshoe collar w/ exp 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')
~248	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.**

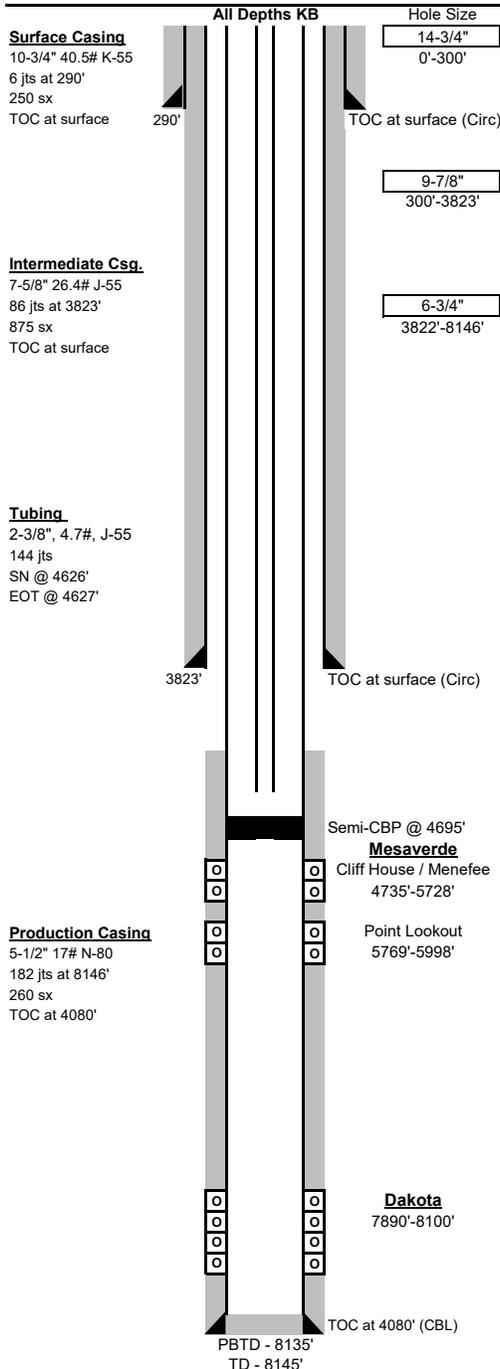
**WELL MUST BE PURGED OF OXYGEN PRIOR TO SENDING TO PRODUCTION EQUIPMENT OR TO SALES.**



**Wellbore Schematic**

Well Name: Rosa Unit 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 its 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 its 7-5/8" 26.4# J-55 csg set at 3823'.  
 Cmt'd lead w/ 30 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 its 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'		

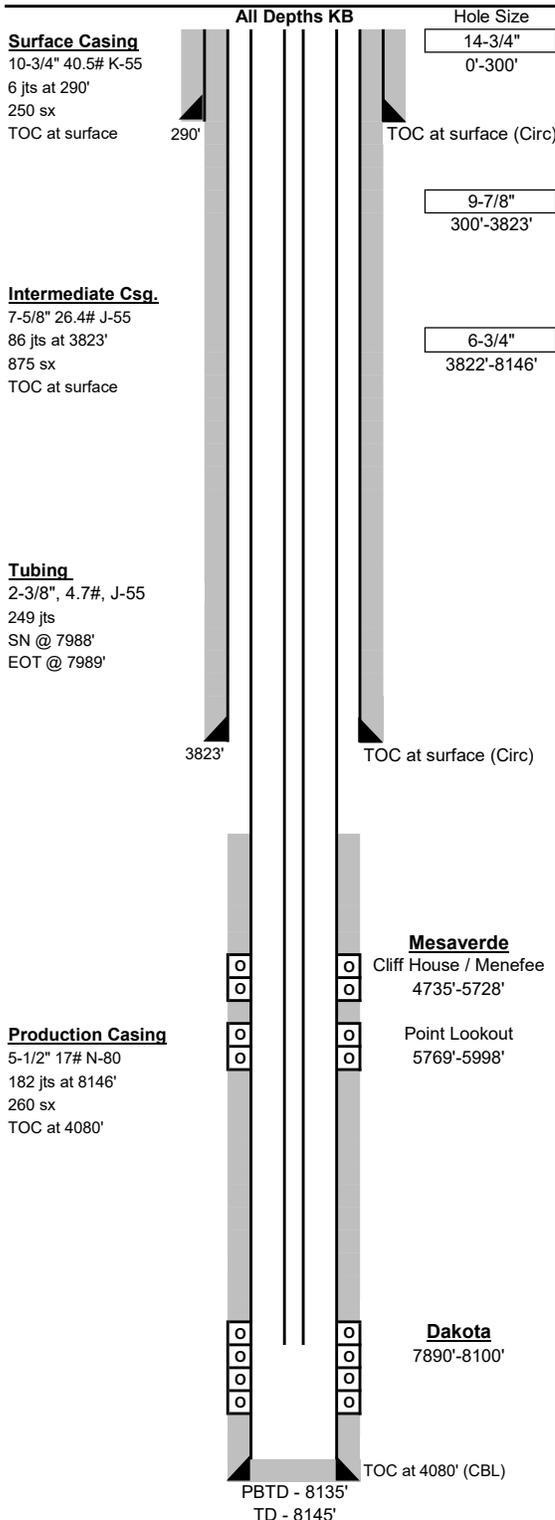
**Additional Notes:**  
 2008- Mesaverde tubing repair. Bottom 12 joints full of frac sand. Tagged sand at 5900' sand running.  
 Cleaned out to 6085', 20' fill overnight, clean out to 6085'. Land tubing.  
 7/7/2021- Commingle DK and MV production zones. Heavy sand in the MV above the packer.  
 Tagged 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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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 276494

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 276494
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

Created By	Condition	Condition Date
dmcclore	None	11/7/2023