

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R5W / SEC 34 / NWNE / 36.860983 / -107.349231	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 184C	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078773	<b>Unit or CA Name:</b> ROSA UNIT, ROSA UNIT--MV	<b>Unit or CA Number:</b> NMNM78407A, NMNM78407E
<b>US Well Number:</b> 3003930143	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> LOGOS OPERATING LLC

**Notice of Intent**

**Sundry ID:** 2779214

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 03/12/2024

**Time Sundry Submitted:** 08:02

**Date proposed operation will begin:** 04/01/2024

**Procedure Description:** LOGOS Operating, LLC request to drill out bridge plug and cement retainer. Return well to production. See attached operations procedure and wellbore schematic.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

3160\_5\_Rosa\_Unit\_184C\_NOI\_to\_Drill\_Out\_Bridge\_Plug\_20240312\_20240312080226.pdf

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	<b>Well Status:</b> Producing Gas Well	<b>Operator:</b> LOGOS OPERATING LLC

**Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature:** ETTA TRUJILLO **Signed on:** MAR 12, 2024 08:03 AM

**Name:** LOGOS OPERATING LLC

**Title:** Regulatory Specialist

**Street Address:** 2010 AFTON PLACE

**City:** Farmington **State:** NM

**Phone:** (505) 324-4154

**Email address:** ETRUJILLO@LOGOSRESOURCESLLC.COM

**Field**

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** KENNETH G RENNICK **BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742 **BLM POC Email Address:** krennick@blm.gov

**Disposition:** Approved **Disposition Date:** 03/12/2024

**Signature:** Kenneth Rennick

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB  
No. 1004-0137 Expires:  
December 31, 2024

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NMSF078773

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
LOGOS OPERATING, LLC

3a. Address    2010 AFTON PLACE  
FARMINGTON, NM 87401

3b. Phone No. (include area code)  
(505) 278-8720

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
UNIT B SEC 34 T31N 5W 845' FNL 2525' FEL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
ROSA UNIT 184C

9. API Well No.  
30-039-30143

10. Field and Pool or Exploratory Area  
BLANCO MESAVERDE/BASIN MANCOS/BASIN DAKOTA

11. Country or Parish, State  
RIO ARRIBA

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	Drill out BP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Well was isolated with Semi Composite BP @ 8248' due to PAD 31 completions.

LOGOS Operating, LLC request to drill out bridge plug, remove cement retainer and return well to production. See attached operations procedure and wellbore schematic.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Etta Trujillo

Title    Regulatory Specialist

Signature    *Etta Trujillo*

Date    3/12/2024

**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title    Date

Office

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

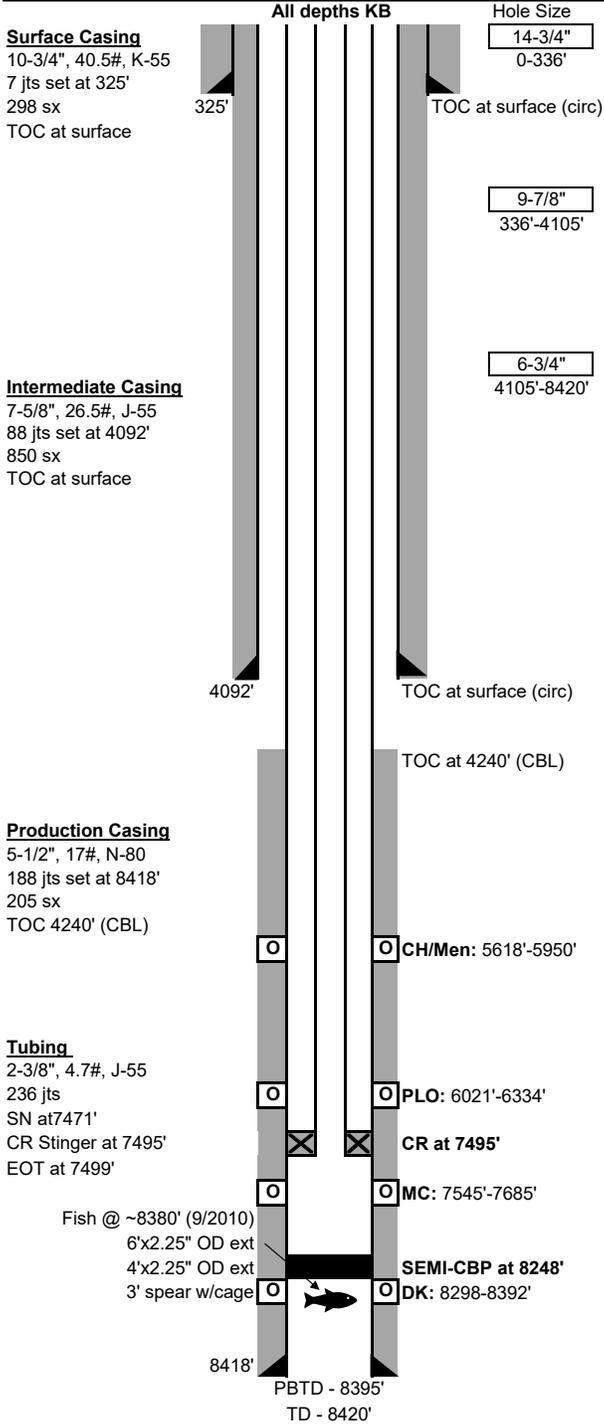


**Wellbore Isolation Schematic**

Well Name: Rosa Unit 184C  
 Location: Unit B Sec34, T31N, R05W 845' FNL & 2525' FEL  
 County: Rio Arriba  
 API #: 30-039-30143  
 Co-ordinates: Lat 36860981 Long -107.3491898 NAD83  
 Elevations: GROUND: 6776'  
 KB: 6792'  
 PBTD: 8395'  
 TD: 8420'  
 Depths (KB):

Last Updated: 5/24/2023 Peace  
 Reviewed by: 6/28/2023 Moss  
 Spud Date: 9/17/2007  
 Completion Date: 10/19/2010  
 Last Workover Date: 7/28/2023  
 Last Updated:

**VERTICAL WELLBORE**



**Surface Casing: (9/18/2007)**  
 Drilled a 14-3/4" surface hole to 336'. Set 7 jts 10-3/4", 40.5#, K-55 csg at 325'.  
 Cmt w/ 298sx (420 cf) Type III cmt, circ 30 bbls to surface.

**Intermediate Casing: (9/19/2007)**  
 Drilled a 9-7/8" intermediate hole to 4105'. Set 88 jts 7-5/8", 26.4#, J-55 csg at 4092'.  
 Cmt lead w/ 750sx (1575 cf, 12.1 ppg) Premium lite cmt, tail w/ 100 sx (140 cf, 14.5 ppg) Type III cmt. Circ 54 bbls to surface.

**Production Casing: (9/30/2007)**  
 Drilled a 6-3/4" production hole to 8420'. Set 188 jts 5-1/2", 17#, N-80 csg at 8418'.  
 Cmt lead w/ 205 sx 431 cf, 12.3 ppg) Premium Light HS.  
 TOC at 4240' Per CBL (10/16/2007)

Tubing: (07/2023)	Length (ft)
KB	16
(1) 2-3/8", 4.7#, J-55 tbg jt	31
(2) 2-3/8" pup jts (4', 10')	14
(235) 2-3/8", 4.7#, J-55 tbg jts	7425
(1) 1.78" SN	1
(1) P-4000C Gauge Assembly	4
(1) 2-3/8" x 4' pup joint	4
(1) 5-1/2" 17# x 2-3/8" CR stinger at 7495'	3
*gauge cable strapped to outside tbg	
Set at:	7499 ft

**Artificial Lift:**

**Perforations:**  
**CH/Men (10/2007):** 5618', 21', 24', 28', 32', 36', 40', 44', 48', 54', 63', 74', 82', 90', 5700', 14', 22', 35', 42', 48', 52', 54', 60', 67', 74', 82', 92', 5803', 11', 14', 22', 30', 35', 41', 47', 50', 53', 56', 60', 64', 69', 75', 98', 5905'. 09', 14', 18', 22', 34', 38', 42', 46', 5950'. 53, 0.38" holes.  
 Acidized w/ 1000 gal 15% HCL. Frac w/ 9970# lite prop and 3030# 20/40 sand in 90,455 gals slickwater.  
**PL (10/2007):** 6021', 23', 29', 47', 50', 51', 91', 93', 97', 6101', 06', 10', 14', 17', 21', 24', 28', 32', 36', 40', 46', 52', 58', 64', 72', 79', 86', 93', 98', 6206', 12', 18', 24', 28', 32', 36', 40', 46', 52', 56', 62', 68', 74', 80', 86', 92', 98', 6302', 06', 10', 16', 20', 24', 30', 6334'. Acidized w/ 1000 gal 15% HCL. Frac w/ 9970# lite prop and 3030# 20/40 sand in 90,455 gals slickwater.  
**DK (10/2007):** 8298'-8392' Acidized w/ 500 gal 15% HCL. Frac w/ 10,000# lite prop and 108,330# 20/40 sand in 78,000 gal slickwater.  
**MC (9/2010):** 7545'-7685'. (36, 0.34" holes) Acidized w/ 3500 gal 15% HCL. Frac w/ 14,833# 100 mesh sand, 44,331# 30/50 Ottawa, and 92,026# 20/40 Ottawa.

Formations:		
Fruitland	3387'	Point Lookout 6090'
Pictured Cliffs	3769'	Mancos 6542'
Cliff House	5834'	Dakota 8297'
Menefee	5878'	

**Additional Notes:**  
**(10/2007)** Initial Completion. Perf'd & stim'd MV & DK formations. Ran dual string config.  
**(9/2010)** Recomplete/Commingle- The well was recompleted/commingled. Laid down both short and long string of 2 Perf'd Mancos @ 7545'-7685' w/ 3 3/8" sfg. Unable to retrieve a 6'x2.25" od ext, 4'x2.25" od ext, & 3' spear w/cage. Fish is at ~8380'. Ran in hole w/ single string of 2-3/8" tbg landed at 8362'.  
**(7/2023)** Tagged fill at 8382'. Scanned tbg (139y, 102b, 18g, 4r). Ran string mill to 8376'. Set Semi-CBP at 8248'. Set cement retainer at 7495'. RIH w/ 2-3/8" tbg w/ gauge mandrel, & gauge cable banded to outside of tubing. Stung into CR & left well SI to monitor pressures from nearby frac.

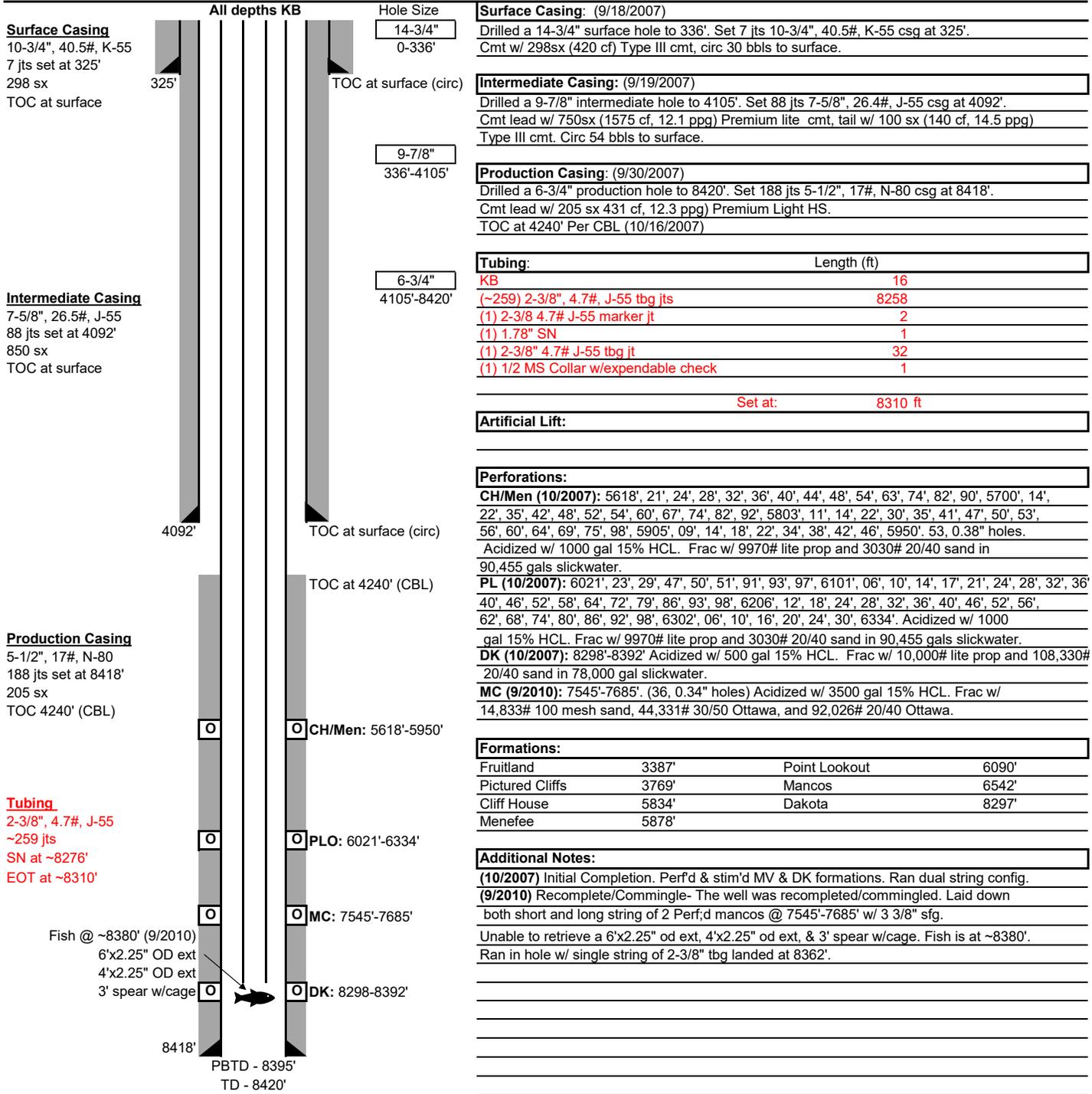


**Proposed Wellbore Schematic**

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Last Updated: 5/24/2023 Peace  
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 Spud Date: 9/17/2007  
 Completion Date: 10/19/2010  
 Last Workover Date: 9/22/2010  
 Last Updated: 3/11/2024 Trujillo

**VERTICAL WELLBORE**



**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
 811 S. First St., Artesia, NM 88210  
 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**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 322546

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 322546
	Action Type: [C-103] NOI Workover (C-103G)

**CONDITIONS**

Created By	Condition	Condition Date
kelly.roberts	None	4/1/2024