

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**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) 278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 34/T31N/R5W/NMP7. If Unit of CA/Agreement, Name and/or No.  
ROSA UNIT, ROSA UNIT--MV/NMNM78407A, NMNM78

8. Well Name and No. ROSA UNIT/184C

9. API Well No. 3003930143

10. Field and Pool or Exploratory Area  
BLANCO MESAVERDE/BASIN DAKOTA11. Country or Parish, State  
RIO ARRIBA/NM

## 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 |
|  | <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 recompleat 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 performed 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 recompleat 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 determined that the site is ready for final inspection.)

The Rosa Unit 184C is at risk of 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 and actively monitor pressure via downhole gauge. Please see attached procedure.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
DACYE SHULL / Ph: (505) 324-4145

Title REGULATORY TECH

Signature

*Dacye Shull*

Date

07/24/2023

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

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Approved

Title Petroleum Engineer

Date 07/27/2023

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.

Office FARMINGTON

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)

## Additional Information

### Location of Well

0. SHL: NWN / 845 FNL / 2525 FEL / TWSP: 31N / RANGE: 5W / SECTION: 34 / LAT: 36.860983 / LONG: -107.349231 ( TVD: 0 feet, MD: 0 feet )

BHL: NWN / 845 FNL / 2525 FEL / TWSP: 31N / SECTION: / LAT: 36.860983 / LONG: 107.349231 ( TVD: 0 feet, MD: 0 feet )



## WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2023)

**Rosa Unit 184C**  
**30-039-30143**  
**845' FNL & 2525' FEL**  
**Section 34, T31N, R05W**  
**Rio Arriba, New Mexico**  
**LAT: 36.860981° N LONG: -107.3491898° W**  
**Mesaverde/Mancos/Dakota**

### **PROJECT OBJECTIVE:**

The Rosa Unit 184C is at risk of 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 and actively monitor pressure via downhole gauge.

### **WORKOVER PROCEDURE:**

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, Forest Service, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. TOOH and stand back tubing.
5. Set bridge plug within 50' of the Dakota perforations.
6. TIH with pressure gauge and packer and set packer at ~7495'.
7. Leave well shut in during offset completions.
8. Once offset completions are complete, release packer at ~7495'. TOOH and laydown packer and pressure gauges.
9. Trip in hole and mill out bridge plug.
10. Run 2-3/8" tubing back in hole and return well to production.





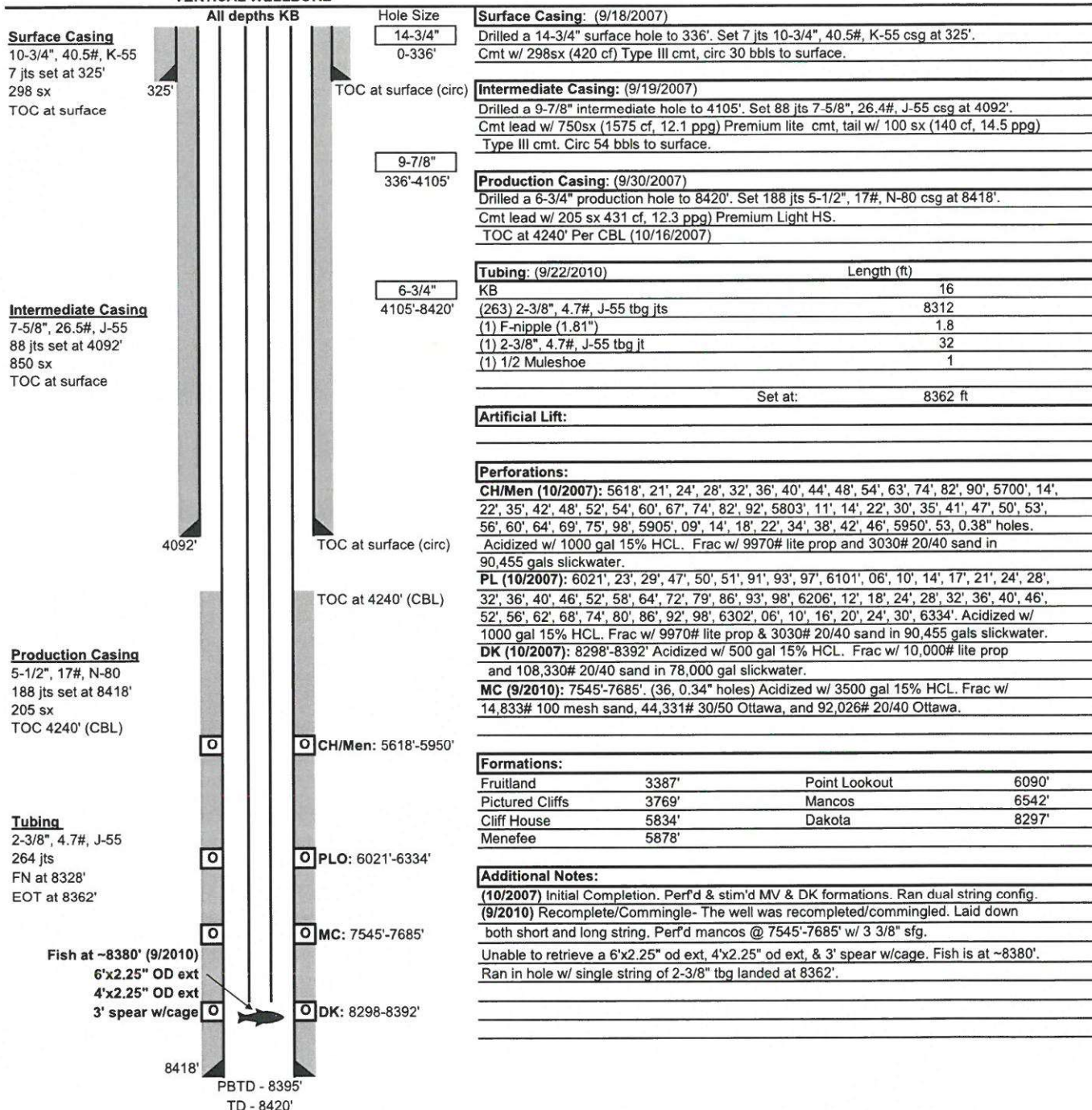
## Wellbore Schematic

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:  
 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: 9/22/2010  
 Last Updated:

GROUND: 6776'  
 KB: 6792'  
 PBD: 8395'  
 TD: 8420'

## VERTICAL WELLBORE

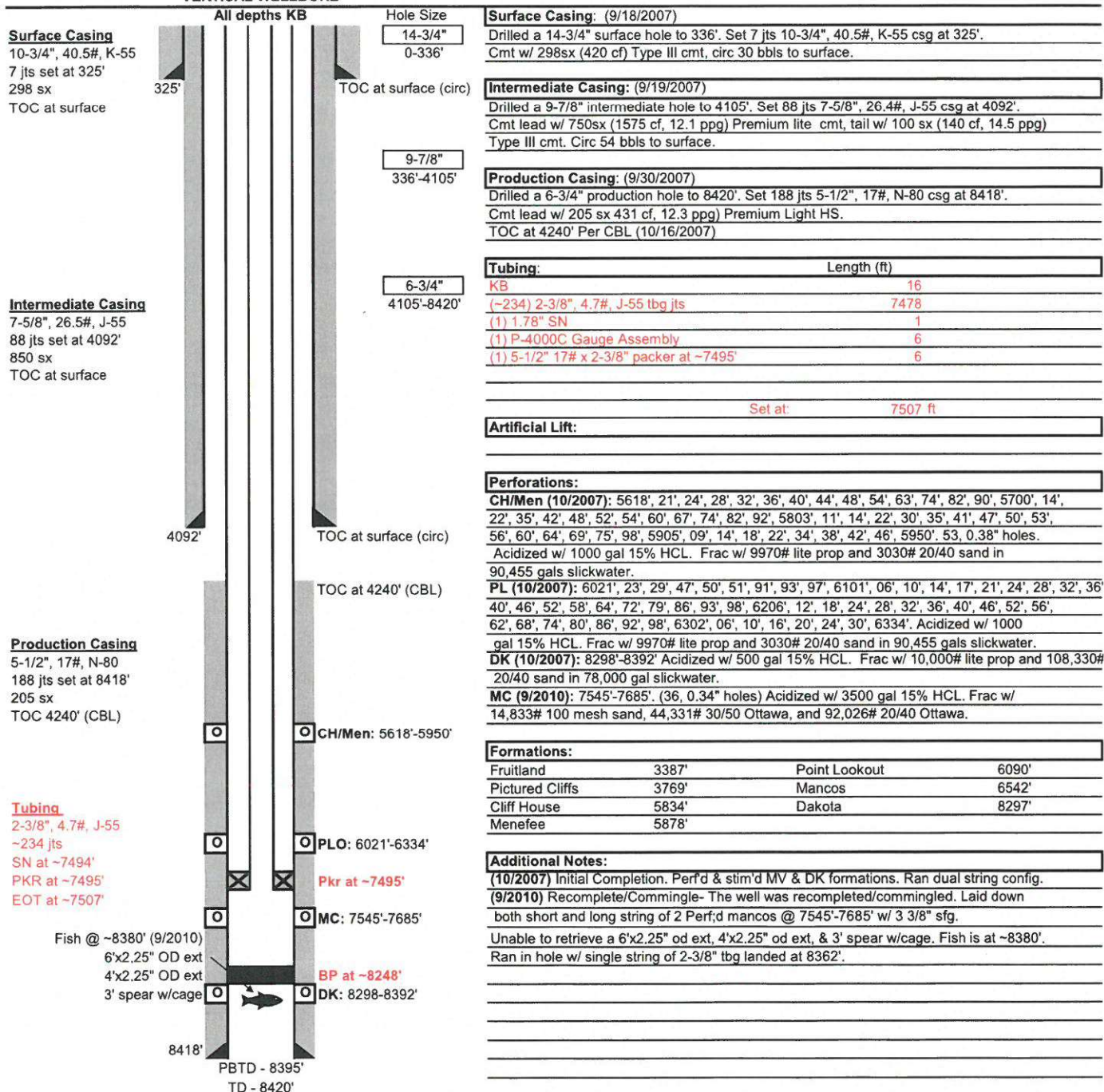




## Proposed Wellbore Schematic

|               |   |                     |                 |
|---------------|---|---------------------|-----------------|
| Well Name:    | Rosa Unit 184C                                | Last Updated:       | 5/24/2023 Peace |
| Location:     | Unit B Sec34, T31N, R05W 845' FNL & 2525' FEL | Reviewed by:        | 6/28/2023 Moss  |
| County:       | Rio Arriba                                    | Spud Date:          | 9/17/2007       |
| API #:        | 30-039-30143                                  | Completion Date:    | 10/19/2010      |
| Co-ordinates: | Lat 36860981 Long -107.3491898 NAD83          | Last Workover Date: | 9/22/2010       |
| Elevations:   | GROUND: 6776'                                 | Last Updated:       |                 |
|               | KB: 6792'                                     |                     |                 |
| Depths (KB):  | PBTD: 8395'                                   |                     |                 |
|               | TD: 8420'                                     |                     |                 |

## 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 245187

CONDITIONS

|   |   |
|---|---|
| Operator:<br>LOGOS OPERATING, LLC<br>2010 Afton Place<br>Farmington, NM 87401 | OGRID:<br>289408                                    |
|   | Action Number:<br>245187                            |
|   | Action Type:<br>[C-103] NOI General Sundry (C-103X) |

CONDITIONS

|            |           |                |
|------------|-----------|----------------|
| Created By | Condition | Condition Date |
| dmcclure   | None      | 7/31/2023      |