

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R6W / SEC 25 / NENE /	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 652H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF078771	<b>Unit or CA Name:</b> ROSA UNIT-MANCOS PA	<b>Unit or CA Number:</b> NMNM78407E
<b>US Well Number:</b> 300393132400X1	<b>Well Status:</b> Temporarily Abandoned	<b>Operator:</b> LOGOS OPERATING LLC

**Notice of Intent**

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 07/02/2021

**Time Sundry Submitted:** 09:33

**Date proposed operation will begin:** 08/26/2021

**Procedure Description:** LOGOS is requesting a name change from Rosa Unit 652H to Rosa Unit 652Y with API number 30-039-31324 and to Plug & Abandon the surface set for the subject well per the attached procedure and wellbore schematic. This location is shared with the following wells that will begin producing this week Rosa Unit 654H (30-039-31384,) and Rosa Unit 656H (30-039-31383), a reclamation will not take place at this time.

**Surface Disturbance**

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

**NOI Attachments**

**Procedure Description**

3160\_5\_Rosa\_Unit\_652H\_P\_A\_and\_Name\_change\_20210826\_amended\_20210826105114.pdf

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**Unit or CA Number:** NMNM78407E

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**Well Status:** Temporarily Abandoned

**Operator:** LOGOS OPERATING LLC

### Conditions of Approval

#### Specialist Review

2506308\_ET\_AL\_NOIA\_ROSA\_UNIT\_KR\_08252021\_20210826120114.pdf

#### Additional Reviews

2506308\_ET\_AL\_NOIA\_ROSA\_UNIT\_KR\_08252021\_20210825144218.pdf

### Operator Certification

*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 submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** ETTA TRUJILLO

**Signed on:** AUG 26, 2021 10:51 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

**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:** 9708783846

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

**Disposition:** Approved

**Disposition Date:** 08/27/2021

**Signature:** Dave Mankiewicz

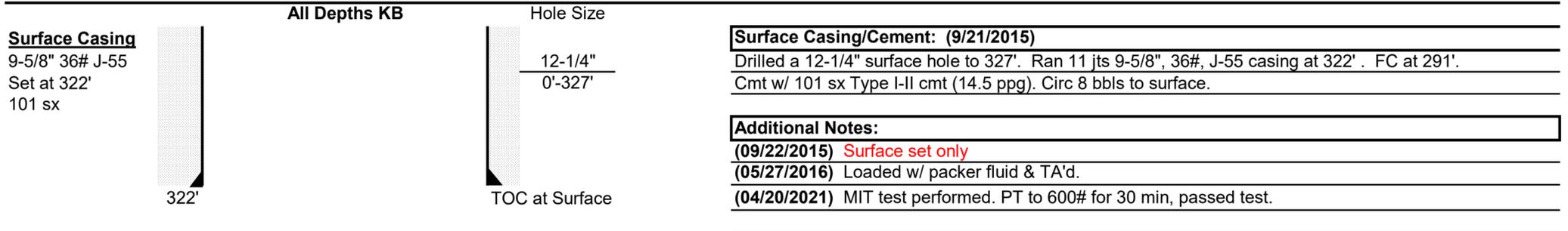


Well Name: Rosa Unit 652H  
 Location: UL A Sec 25, T31N, R06W 1045' FNL & 311' FEL  
 County: Rio Arriba  
 API #: 30-039-31324  
 Co-ordinates: Lat 36.874989°N Long 107.408849°W (NAD 83)  
 Operator: Logos Operating, LLC

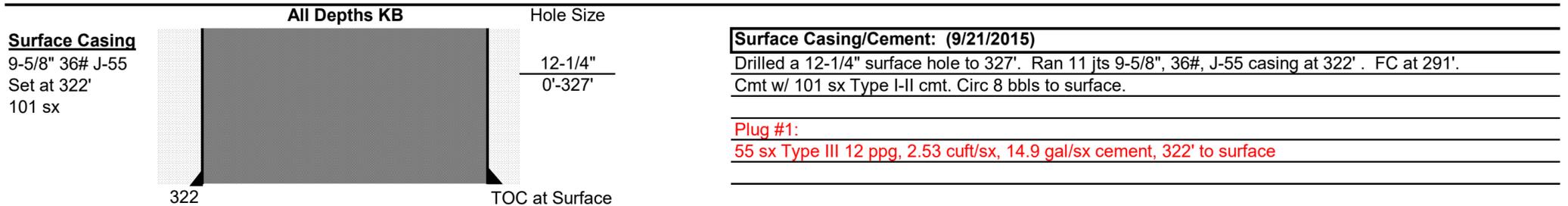
Ground Elevation: 6372'  
 KB Elevation: \_\_\_\_\_  
 TVD: 327'  
 MD: 327'  
 PBD: \_\_\_\_\_  
 Target Zone TVD: \_\_\_\_\_  
 Length of Lateral: \_\_\_\_\_

Date Prepared: 4/9/2019 Graham  
 Last Updated: 6/21/2021 K. McWilliams  
 Spud Date: 9/21/2015  
 Completion Date: \_\_\_\_\_  
 Last Workover Date: \_\_\_\_\_

**Current Wellbore Schematic**



**Proposed Wellbore Schematic**



**Objective:**

- Permanently "Plug & Abandon" 9 5/8" 36# J-55 LT&C surface casing. Casing set depth is at 322', TD at 327'.

**Prior to Job:**

- Notify BLM.

**Procedure:**

- Mobilize cement equipment to location.
- NU on well head with a diverter.
- Hold Pre-Job safety meeting with all involved parties.
- Tally / TIH with PVC.
- Logos rep will confirm that 9 5/8" is full of fluid.
- Rig up cementing equipment. Fill PVC with fluid and confirm circulation.
- Pump ~55 sx Type III 12 ppg, 2.53 cuft/sx, with ~20 bbls of mix water. No displacement.
- Cut PVC and leave in the wellbore.
- Cut off 9 5/8" casing 3' or greater below GL and install a 1/4" or greater steel plate.

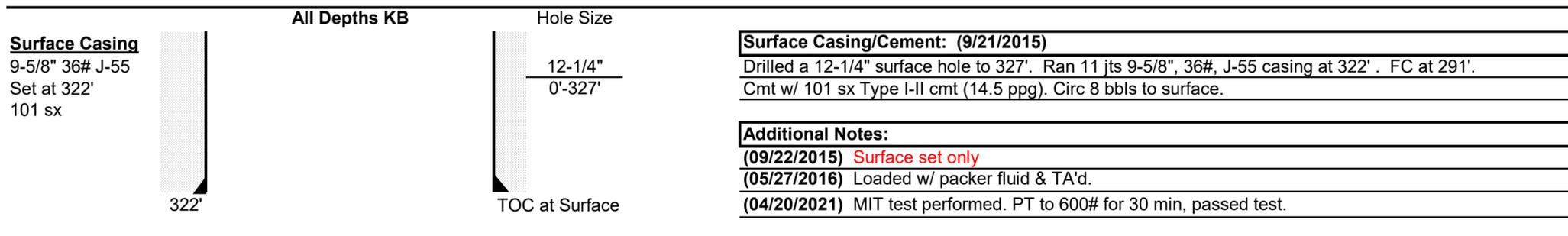


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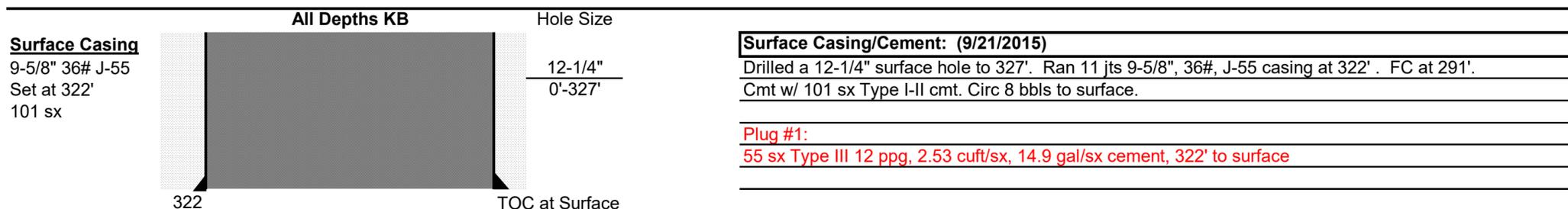
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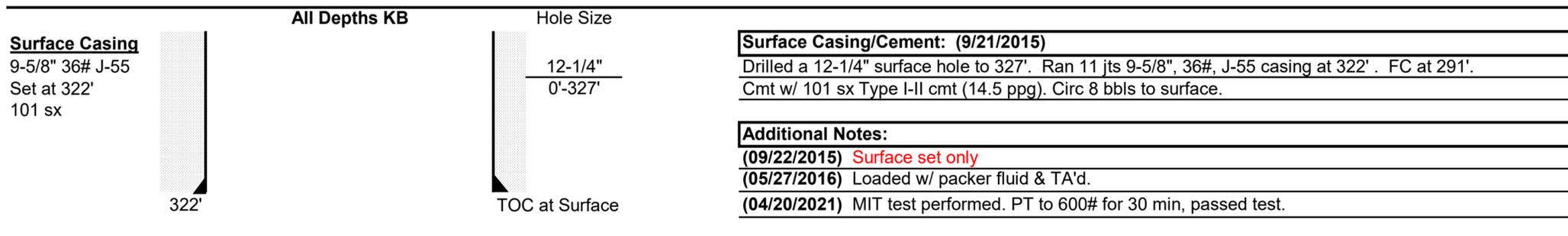


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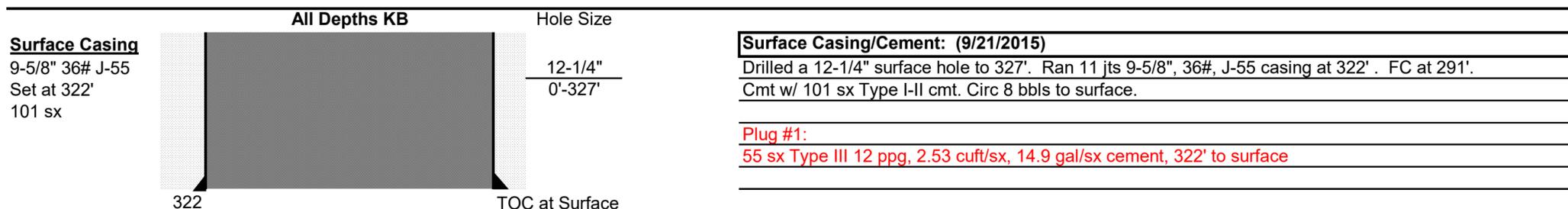
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**UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402**

Attachment to Notices of  
Intention to Abandon:

Re: Abandonment of Original Surface Set  
Wells: Rosa Unit 652H (Sundry ID 2506308)  
Rosa Unit 650H (Sundry ID 2506306)  
Rosa Unit 647H (Sundry ID 2506305)  
Rosa Unit 649H (Sundry ID 2506301)

CONDITIONS OF APPROVAL

1. Farmington Office is to be notified at least 24 hours before the operations commence (505) 564-7750.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 8/25/2021

**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 44844

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 44844
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	9/1/2021