

| | | |
|---------------------------------------|----------------------------------------------------|------------------------------------------------|
| Well Name: ROSA UNIT | Well Location: T31N / R6W / SEC 25 / NENE / | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 650H | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: |
| Lease Number: NMSF078771 | Unit or CA Name: ROSA UNIT-MANCOS PA | Unit or CA Number: NMNM78407E |
| US Well Number: 300393133000X1 | Well Status: Temporarily Abandoned | Operator: 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: 09:29

Date proposed operation will begin: 08/26/2021

Procedure Description: LOGOS is requesting a name change from Rosa Unit 650H to Rosa Unit 650Y with API number 30-039-31330 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_650H_P_A_Name_change_20210826_amended_20210826104732.pdf

Well Name: ROSA UNIT

Well Location: T31N / R6W / SEC 25 / NENE /

County or Parish/State: RIO ARRIBA / NM

Well Number: 650H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078771

Unit or CA Name: ROSA UNIT-MANCOS PA

Unit or CA Number: NMNM78407E

US Well Number: 300393133000X1

Well Status: Temporarily Abandoned

Operator: LOGOS OPERATING LLC

Conditions of Approval

Specialist Review

2506308_ET_AL_NOIA_ROSA_UNIT_KR_08252021_20210826120354.pdf

Additional Reviews

2506308_ET_AL_NOIA_ROSA_UNIT_KR_08252021_20210825145943.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 10:47 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: Kenneth Rennick

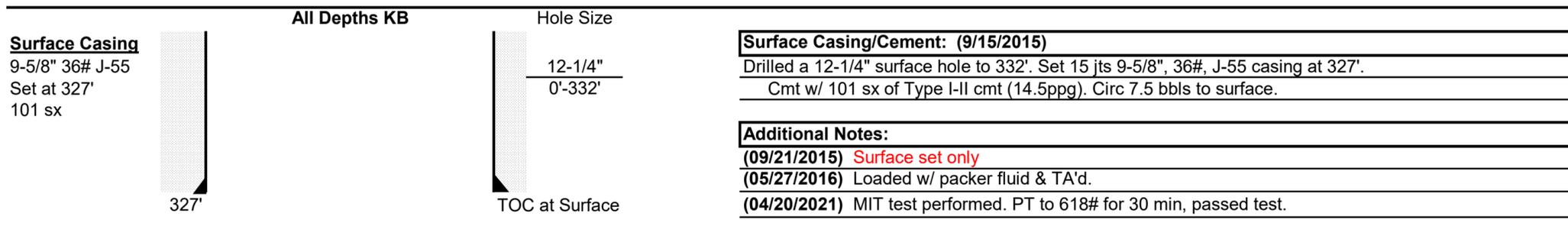


Well Name: Rosa Unit 650H
 Location: UL A Sec 25, T31N, R06W 1023' FNL & 350' FEL
 County: Rio Arriba
 API #: 30-039-31330
 Co-ordinates: Lat 36.875051°N Long 107.408982°W (NAD 83)
 Operator: Logos Operating, LLC

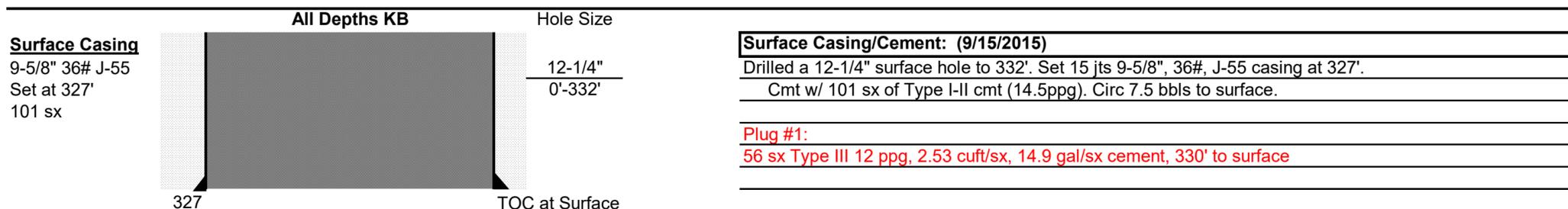
Ground Elevation: 6372'
 KB Elevation: _____
 TVD: 332'
 MD: 332'
 PBDT: _____
 Target Zone TVD: _____
 Length of Lateral: _____

Date Prepared: 6/17/2021 Graham
 Last Updated: _____
 Spud Date: 9/15/2015
 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 327', TD at 332'.

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 ~56 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.

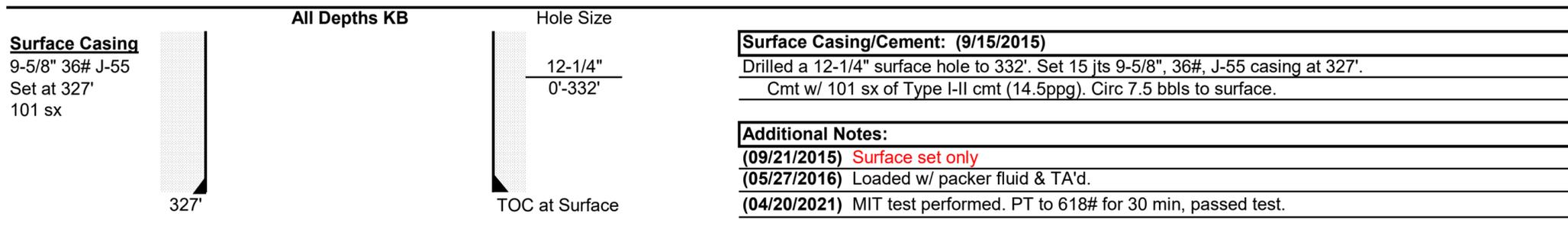


Well Name: Rosa Unit 650H
 Location: UL A Sec 25, T31N, R06W 1023' FNL & 350' FEL
 County: Rio Arriba
 API #: 30-039-31330
 Co-ordinates: Lat 36.875051°N Long 107.408982°W (NAD 83)
 Operator: Logos Operating, LLC

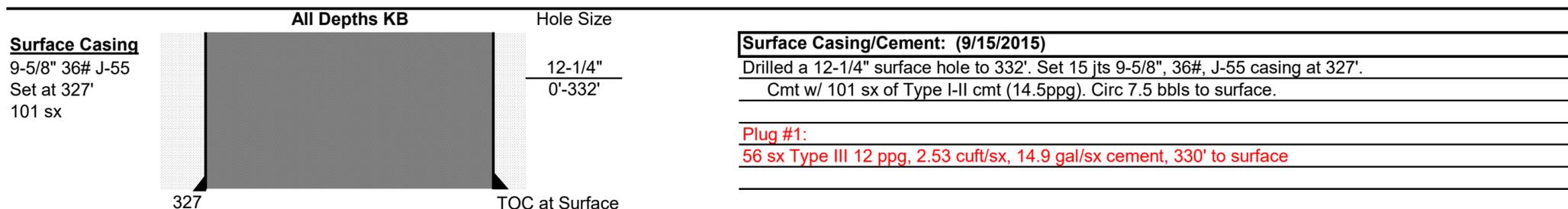
Ground Elevation: 6372'
 KB Elevation: _____
 TVD: 332'
 MD: 332'
 PBDT: _____
 Target Zone TVD: _____
 Length of Lateral: _____

Date Prepared: 6/17/2021 Graham
 Last Updated: _____
 Spud Date: 9/15/2015
 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 327', TD at 332'.

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 ~56 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.

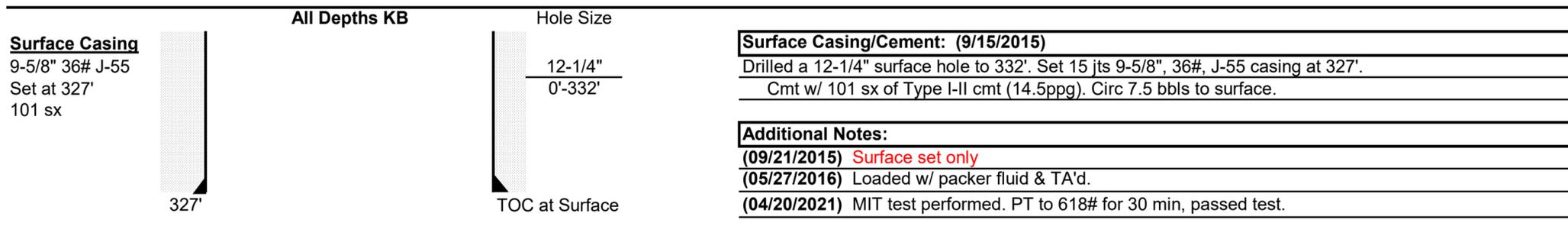


Well Name: Rosa Unit 650H
 Location: UL A Sec 25, T31N, R06W 1023' FNL & 350' FEL
 County: Rio Arriba
 API #: 30-039-31330
 Co-ordinates: Lat 36.875051°N Long 107.408982°W (NAD 83)
 Operator: Logos Operating, LLC

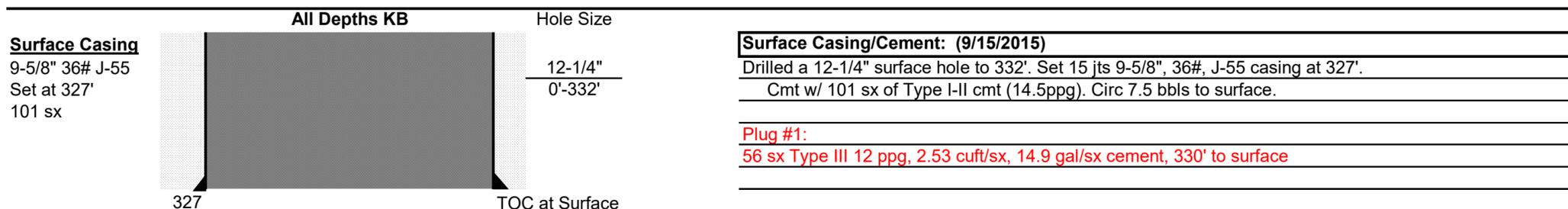
Ground Elevation: 6372'
 KB Elevation: _____
 TVD: 332'
 MD: 332'
 PBDT: _____
 Target Zone TVD: _____
 Length of Lateral: _____

Date Prepared: 6/17/2021 Graham
 Last Updated: _____
 Spud Date: 9/15/2015
 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 327', TD at 332'.

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 ~56 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.

**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 45039

CONDITIONS

| | |
|-------------------------------------------------------------------------------|-----------------------------------------------------|
| Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401 | OGRID: 289408 |
| | Action Number: 45039 |
| | 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 |