

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.
NMSF0787644
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 874013b. Phone No. (include area code)
(505) 278-8720

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 30 T31N R05W NESW UNIT K 2300 FSL 946 FWL

7. If Unit of CA/Agreement, Name and/or No.
NMNM78407E8. Well Name and No.
ROSA UNIT 662H9. API Well No.
30-039-3141710. Field and Pool or Exploratory Area
BASIN MANCOS11. Country or Parish, State
RIO ARRIBA COUNTY, 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 Well	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> 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 - Intermediate	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing cement	
	<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.)

Logos Operating LLC request approval to run a CBL on the 9-5/8" intermediate casing cement to verify the following cementing objectives were achieved and no remediation would be required.

- TOC from 1st stage is at least 6,138' or higher (50' above Mancos formation top at 6,188') confirming that the Mancos formation is isolated from the Mesaverde

- TOC from 3rd stage is 50' above the Ojo Alamo top and isolates all producing zones.

Logos Operating LLC will submit the CBL to regulatory agencies and move forward with operations per approved APD.

See attached current well information:

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

Etta Trujillo

Title Regulatory Specialist

Signature



Date 06/17/2022

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

Rosa Unit 662H Current Well Information:

13-3/8" surface casing set at 353' MD
9-5/8" intermediate casing set at 6,270' MD

Mancos top at 6,188' MD
Mesaverde (Chacra) top at 4,617' MD
Fruitland Coal top at 3,073' MD

Lower DV tool at 4,682' MD
Upper DV tool at 3,127' MD

Cement summaries for 1st, 2nd, and 3rd stage jobs completed on 05/29/2022 and 05/30/2022 are included below.

1st Stage Summary

1. Mixed and pumped 40 bbls of spacer, 111.4 bbls of 12.0 ppg lead, and 69 bbls of 15.8 ppg tail
2. Displaced with 130 bbls of freshwater and 360 bbls of mud for a total of 490 bbls
 - a. Observed no returns during cement job but did have lift pressure prior to reaching full displacement putting estimated TOC at 5,199' MD
3. Bumped plug, floats held, and bled 1.25 bbls back to surface
4. Opened DV tool at 4,682' MD and circulated 385 bbls with no cement to surface

2nd Stage Summary

1. Circulated through DV tool at 4,682' MD while waiting on 1st stage cement to setup
2. Mixed and pumped 40 bbls of spacer, 83 bbls of 12.0 ppg lead, and 87.8 bbls of 13.2 ppg tail
3. Displaced with a total of 346 bbls
4. Bumped plug and dropped opening cone for DV tool at 3,127' MD
5. Opened DV tool at 3,127' MD and circulated 354 bbls. Circulated 25 bbls of cement to surface.

3rd Stage Summary

1. Circulated through DV tool at 3,127' MD while waiting on 2nd stage cement to setup
2. Mixed and pumped 40 bbls of spacer, 252 bbls of 12.0 ppg lead, and 86 bbls of 13.2 ppg tail
3. Displaced with a total of 234 bbls
4. Bumped plug, closed DV tool, and bled 2 bbls back to surface
5. Circulated 10 bbls of dyed spacer to surface and no cement. Estimated TOC at 232' MD.

Logos Operating LLC request approval to run a CBL on the 9-5/8" intermediate casing cement to verify the following cementing objectives were achieved and no remediation would be required:

- TOC from 1st stage is at least 6,138' or higher (50' above Mancos formation top at 6,188') confirming that the Mancos formation is isolated from the Mesaverde
- TOC from 3rd stage is 50' above the Ojo Alamo top and isolates all producing zones.

Logos Operating LLC will submit the CBL to regulatory agencies and move forward with operations per approved APD.

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 30 / NESW / 36.869668 / -107.404553	County or Parish/State: RIO ARRIBA / NM
Well Number: 662H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078764	Unit or CA Name:	Unit or CA Number: NMNM078707E
US Well Number: 3003931417	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2677531

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 06/17/2022	Time Sundry Submitted: 09:33
Date proposed operation will begin: 06/17/2022	

Procedure Description: Logos Operating LLC request approval to run a CBL on the 9-5/8" intermediate casing cement to verify the following cementing objectives were achieved and no remediation would be required. • TOC from 1st stage is at least 6,138' or higher (50' above Mancos formation top at 6,188') confirming that the Mancos formation is isolated from the Mesaverde • TOC from 3rd stage is 50' above the Ojo Alamo top and isolates all producing zones. Logos Operating LLC will submit the CBL to regulatory agencies and move forward with operations per approved APD. See attached comments:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_662H_CBL_Remediation_Plan_20220616_20220617093252.pdf

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 30 / NESW / 36.869668 / -107.404553	County or Parish/State: RIO ARRIBA / NM
Well Number: 662H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078764	Unit or CA Name:	Unit or CA Number: NMNM078707E
US Well Number: 3003931417	Well Status: Drilling Well	Operator: 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: JUN 17, 2022 09:33 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FarmingtonState: 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: 06/17/2022

Signature: Kenneth Rennick

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 119289

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 119289
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Approved to run CBL - review by all agencies required before continuing - top of formations will need to be confirmed by geologist.	6/27/2022