

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.
NMSF078764
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
LOGOS OPERATING LLC3a. Address
2010 AFTON PLACE
FARMINGTON, NM 874013b. Phone No. (include area code)
(505) 278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 30 T31N R05W NESW (K) 2277 FSL 967 FWL7. If Unit of CA/Agreement, Name and/or No.
NMNM078407E8. Well Name and No.
ROSA UNIT 665H9. API Well No.
30-039-3135810. 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	
<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	Intermediate Casing Cement	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

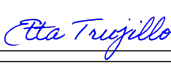
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 one 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 move forward with remedial cement operations plan below:

- Run a CBL on the 9-5/8" intermediate casing cement from TOC on 2nd stage cement job to surface
- Determine TOC and perforation depth for remedial cement job from CBL
- Mix and pump remedial cement job to circulate cement from perforated depth to surface. Cement volumes will be determined based on TOC from CBL

Logos Operating LLC will submit the CBL to regulatory agencies, a subsequent report sundry for remedial operations to regulatory agencies, perform a successful casing test, 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 6/21/2022

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 665H Current Well Information:

13-3/8" surface casing set at 324' MD
9-5/8" intermediate casing set at 6,415' MD

Mancos top at 6,332' MD
Mesaverde (Chacra) top at 4,716' MD
Fruitland Coal top at 3,162' MD

Lower DV tool at 4,779' MD
Upper DV tool at 3,235' MD

Cement summaries for 1st and 2nd stage jobs completed on 05/17/2022 and 05/18/2022 are included below. The 3rd stage cement job was not pumped due to the DV tool located at 3,235' MD not opening.

1st Stage Summary

1. Drilled out float collar and perforated casing at 6,402' MD per approved sundry with BLM and OCD
2. Established circulation through perforations
3. Mixed and pumped 20 bbls of spacer, 57.4 bbls of 12.0 ppg lead, and 74 bbls of 15.8 ppg tail
4. Displaced with 115 bbls of freshwater and 357 bbls of mud for a total of 472 bbls
5. Shut down pumps, trapped 212 psi on casing for 4 hours, and wait on cement
6. Dropped opening bomb, opened DV tool at 4,779' MD, and circulated 14 bbls of cement to surface

2nd Stage Summary

1. Circulated through DV tool at 4,779' MD while waiting on 1st stage cement to setup
2. Mixed and pumped 25 bbls of spacer, 85.2 bbls of 12.0 ppg lead, and 90.2 bbls of 13.2 ppg tail
3. Displaced with 130 bbls of freshwater and 226 bbls of mud for a total of 356 bbls
4. Bumped plug and dropped opening cone for DV tool at 3,235' MD
5. Cycled pressure up to 2,500 psi multiple times to open DV tool with no success. TIH with drillpipe and attempted to mechanically open DV tool with no success.

Logos Operating LLC request approval to move forward with remedial cement operations plan below:

- Run a CBL on the 9-5/8" intermediate casing cement from TOC on 2nd stage cement job to surface
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- Mix and pump remedial cement job to circulate cement from perforated depth to surface. Cement volumes will be determined based on TOC from CBL

Logos Operating LLC will submit the CBL to regulatory agencies, a subsequent report sundry for remedial operations to regulatory agencies, perform a successful casing test, and move forward with operations per approved APD.

Well Name: ROSA UT	Well Location: T31N / R5W / SEC 3 / NESW / 36.869522 / -107.404458	County or Parish/State: RIO ARRIBA / NM
Well Number: 665H	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078764	Unit or CA Name: ROSA UNIT- MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 300393135800X1	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2677919

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 06/21/2022

Time Sundry Submitted: 09:41

Date proposed operation will begin: 06/21/2022

Procedure Description: Logos Operating LLC request approval to move forward with remedial cement operations plan below: • Run a CBL on the 9-5/8" intermediate casing cement from TOC on 2nd stage cement job to surface • Determine TOC and perforation depth for remedial cement job from CBL • Mix and pump remedial cement job to circulate cement from perforated depth to surface. Cement volumes will be determined based on TOC from CBL Logos Operating LLC will submit the CBL to regulatory agencies, a subsequent report sundry for remedial operations to regulatory agencies, perform a successful casing test, and move forward with operations per approved APD. See attached current well information:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_665H_CBL_Remediation_Plan_20220620_20220621094029.pdf

Well Name: ROSA UT	Well Location: T31N / R5W / SEC 3 / NESW / 36.869522 / -107.404458	County or Parish/State: RIO ARRIBA / NM
Well Number: 665H	Type of Well: COALBED NATURAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078764	Unit or CA Name: ROSA UNIT- MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 300393135800X1	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 21, 2022 09:40 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: 06/21/2022

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 119294

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 119294
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to MIT - charted test required - Notify NMOCD if no cement to surface -Review of log by NMOCD prior to perforating required	6/22/2022