

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)

505-787-2218

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

Sec 33 T31N R5W NENW 319' FNL & 1681' FWL

36.862483 N lat, -107.3070925 W Long

7. If Unit of CA/Agreement, Name and/or No.

NMNM78407E

8. Well Name and No.

Rosa Uunit 740H

9. API Well No.

30-039-31364

10. Field and Pool or Exploratory Area

Basin Manocs

11. 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"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
<input type="checkbox"/> Final Abandonment Notice	<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 detennined that the site is ready for final inspection.)

LOGOS Operating, LLC request a change in plans for the surface hole to a 17.5" hole size with a total depth of 320' or greater, with 13-3/8", 54.5# and J-55 STC or BTC casing.

Surface cement of ~320sx (~377cuft) of 15.8ppg Type I-II (Neat G) @~1.174cuft yield w/ 2% Calcium Chloride, 0.125lbm/sk Poly-e-Flake. Cement of calculated using 320' casing and volume +60% excess. WOC 8hrs. Test csg 600psi. Total Volume: (~377cuft/~320sx). TOC at surface.

Drilling Plans will be submitted at a later date for the Intermediate and Production string.

NOTE: Weights, grades and connections will be based on availability and may vary but will be equivalent or greater. Cement calculations are used for volume estimation. Well conditions will dictate final cement job design. Actual volumes will be calculated and determined by conditions onsite. All cement slurries will meet or exceed minimum BLM and New Mexico Oil Conservation Division requirements. Slurries used will be the slurries listed above or equivalent slurries depending on service provider selected. Cement yields may change depending on slurries selected. All waiting on cement times shall be a minimum of 8 hours or adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

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

Marie E. Florez

Title

Regulatory Specialist

Signature

Marie E. Florez

Date

1/29/2021

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)

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 33 / NENW / 36.862483 / -107.370925	County or Parish/State: RIO ARRIBA / NM
Well Number: 740H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078773, NMSF078773	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 3003931364	Well Status: Approved Application for Permit to Drill	Operator: LOGOS OPERATING LLC

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 01/29/2021	Time Sundry Submitted: 04:30
Date proposed operation will begin: 02/01/2021	

Procedure Description: LOGOS Operating, LLC request a change in plans for the surface hole to a 17.5" hole size with a total depth of 320' or greater, with 13-3/8", 54.5# and J-55 STC or BTC casing. Surface cement of ~320sx (~377cuft) of 15.8ppg Type I-II (Neat G) @~1.174cuft yield w/ 2% Calcium Chloride, 0.125lbm/sk Poly-e-Flake. Cement of calculated using 320' casing and volume +60% excess. WOC 8hrs. Test csg 600psi. Total Volume: (~377cuft/~320sx). TOC at surface. Drilling Plans will be submitted at a later date for the Intermediate and Production string. NOTE: Weights, grades and connections will be based on availability and may vary but will be equivalent or greater. Cement calculations are used for volume estimation. Well conditions will dictate final cement job design. Actual volumes will be calculated and determined by conditions onsite. All cement slurries will meet or exceed minimum BLM and New Mexico Oil Conservation Division requirements. Slurries used will be the slurries listed above or equivalent slurries depending on service provider selected. Cement yields may change depending on slurries selected. All waiting on cement times shall be a minimum of 8 hours or adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_740H_Change_in_plans_surface_set_only_20210129_20210129162955.pdf

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 33 / NENW / 36.862483 / -107.370925	County or Parish/State: RIO ARRIBA / NM
Well Number: 740H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078773, NMSF078773	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 3003931364	Well Status: Approved Application for Permit to Drill	Operator: LOGOS OPERATING LLC

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: FLOREZ
Signed on: JAN 29, 2021 04:29 PM
Name: LOGOS OPERATING LLC
Title: Regulatory Specialist
Street Address: 2010 Afton Place
City: Farmington **State:** NM
Phone: (505) 324-4145
Email address: MFLOREZ@LOGOSRESOURCESLLC.COM

Field Representative

Representative Name:
Street Address:
City: **State:** **Zip:**
Phone:
Email address:

BLM Point of Contact

BLM POC Name: JOE D KILLINS
BLM POC Phone: 5055647731
Disposition: Approved
Signature: Joe Killins
BLM POC Title: Petroleum Engineer
BLM POC Email Address: jkillins@blm.gov
Disposition Date: 03/25/2021

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

COMMENTS

Action 22619

COMMENTS

Operator:				OGRID:		Action Number:		Action Type:	
	LOGOS OPERATING, LLC	2010 Afton Place	Farmington, NM87401		289408		22619		C-103A

Created By	Comment	Comment Date
kpickford	KP GEO Review 4/5/2021	04/05/2021

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State of New Mexico
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1220 S. St Francis Dr.
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CONDITIONS

Action 22619

CONDITIONS OF APPROVAL

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM87401			OGRID: 289408	Action Number: 22619	Action Type: C-103A
OCD Reviewer	Condition				
kpickford	Adhere to previous NMOC conditions of approval				