

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.
NMSF078888
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)
505-787-22184. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 10 T31N R4W SWNE 1543' FNL & 2191' FEL
36.917098 N Lat, -107.240770 W Lon

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

NMNM78407E

8. Well Name and No.
Rosa Unit 884H9. API Well No.
30-039-3136010. Field and Pool or Exploratory Area
Basin Mancos11. 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"/> 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 type="checkbox"/> Other	
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
	<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 1/26/2021

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 / R4W / SEC 10 / SWNE / 36.917137 / 107.240783	County or Parish/State: RIO ARRIBA / NM
Well Number: 880H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078888	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 3003931361	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: 02/03/2021	Time Sundry Submitted: 02:45
Date proposed operation will begin: 02/04/2021	
<p>Procedure Description: AFMSS II did not allow to submit under APD Change. 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.</p>	

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

3160_5_Rosa_Unit_880H_Change_in_Plans_surface_set_only_20210125_20210126081632.pdf

Well Name: ROSA UNIT	Well Location: T31N / R4W / SEC 10 / SWNE / 36.917137 / 107.240783	County or Parish/State: RIO ARRIBA / NM
Well Number: 880H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078888	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 3003931361	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: FEB 03, 2021 02:44 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 Title: Petroleum Engineer
BLM POC Phone: 5055647731	BLM POC Email Address: jkillins@blm.gov
Disposition: Approved	Disposition Date: 03/25/2021
Signature: Joe Killins	

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 22622

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM87401			OGRID: 289408	Action Number: 22622	Action Type: 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
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 22622

CONDITIONS OF APPROVAL

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM87401			OGRID: 289408	Action Number: 22622	Action Type: C-103A
OCD Reviewer	Condition				
kpickford	Adhere to previous NMOCD Conditions of Approval				