

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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 Other

2. Name of Operator
LOGOS OPERATING LLC

3a. Address 2010 AFTON PLACE
FARMINGTON, NM 87401

3b. 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 (K) 2277 FSL 967 FWL

7. If Unit of CA/Agreement, Name and/or No.
NMNM078407E

8. Well Name and No.
ROSA UNIT 665H

9. API Well No. 30-039-31358

10. Field and Pool or Exploratory Area
BASIN MANCOS

11. 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 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 checked="" 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	
	<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.)

5/7/2022 - Walked rig from RU 658H. NU BOP. PT csg to 1500psi for 30mins. Test good. Tag cmt @ 296'. Drill f/296' to 448'.
 5/8-10/2022 - Drill 12.25" intermediate hole @ f/445' t/4,961'. PU t/3,250', spot 50bbls of LCM, broke circulation & ream out of hole f/2,698' t/837'. TOO H.
 5/11/2022 - TIH t/3,325', wash & ream f/3,325' t/4,964'. Drill 12.25" hole f/4,964' t/5,301'. Circ. TOO H. TIH, wash & ream f/4,975' t/5,175'.
 5/12-13/2022 - Wash & ream f/5,175' t/5,301'. Drill 12.25" hole f/5,301' t/5,988'. Lost rets, circ & condition hole. TOO H lay down directional BHA.
 5/14/2022 - Cont drilling f/5,988' t/6,430' (TD). Circulate & condition. PU, spot LCM @ 5,253'. TOO H.
 5/15/2022 - TIH w/153jts 9-5/8" N-80 43.5# csg landed @ 6415' w/FC @ 6329'. DV tools @ 4779' & 3235'.
 5/16/2022 - Attempt to break circulation. RD csg crew. PU 4-3/4" bit, DO float collar & CO to csg shoe @ 6415'. TOO H. Received verbal approval from Virgil Lucero (BLM) and Gilbert Cordero (NMOCD) to perf 9-5/8 csg @ 6402'.
 5/17/2022 - RU WL. shot .41" holes @ 6402'. Pumped through perfs. Pump down csg 50sks. Stage1 CMT lead w/141sxs (57.6bbls, 324cf) Class G cmt @ 12.0ppg, 2.30yld, Tail w/362sxs (74bbls, 416cf) Class G cmt @ 15.6ppg, 1.15yld, 20bbls spacer. Drop plug, displaced w/472bbls water&mud. Circ 14bbls to surface. WOC.
 5/18/2022 - Stage2 CMT lead w/208sxs (85.2bbls, 478cf) Class G cmt @ 12.0ppg, 2.30yld. Tail w/293sxs (90.2bbls, 507cf) Class G cmt @ 13.2ppg, 1.73yld, 25bbls spacer. Drop plug, displaced w/356bbls water&mud. Bumped plug @ 03:19hr. DV tool would not open. RD cmt. RR. Walk rig to RU 658H.
 6/25-26/2022 - Walk rig from RU 664H. NU BOP. Drill out DV tools. Wash & ream cmt f/6223' t/6316'. TOO H. ND BOP. RR.
 6/27/2022 - Run CBL. TOC @ 3122'. PT 1500psi/30mins. Test good. Received approval from Kenny Rennick (BLM) and Monica Kueling (NMOCD) to perf @ 3100'. RU WL. TIH & shot 4 - 41" holes @ 3100'. RD WL. RU WH to circ. Wait on cmt crew.
 6/29/2022 - Stage3 CMT lead w/918sxs (376bbls, 2111cf) Class G cmt @ 12.0ppg, 2.30yld. Tail w/252sxs (77.6bbls, 436cf) Class G cmt @ 13.2ppg, 1.73yld, 60bbls spacer. Displaced w/205bbls. Close DV tool. Circ 150bbls of cmt to surface. Bumped plug @ 10:15. RD cmt crew.

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

Title Regulatory Specialist

Signature *Etta Trujillo*

Date 7/28/2022

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)

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

Subsequent Report

Sundry ID: 2684906

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 08/01/2022

Time Sundry Submitted: 10:18

Date Operation Actually Began: 05/07/2022

Actual Procedure: 5/7/2022 - Walked rig from RU 658H. NU BOP. PT csg to 1500psi for 30mins. Test good. Tag cmt @ 296'. Drill f/296' to 448'. 5/8-10/2022 - Drill 12.25" intermediate hole @ f/445' t/4,961'. PU t/3,250', spot 50bbls of LCM, broke circulation & ream out of hole f/2,698' t/837'. TOOH. 5/11/2022 - TIH t/3,325', wash & ream f/3,325' t/4,964'. Drill 12.25" hole f/4,964' t/5,301'. Circ. TOOH. TIH, wash & ream f/4,975' t/5,175'. 5/12-13/2022 - Wash & ream f/5,175' t/5,301'. Drill 12.25" hole f/5,301' t/5,988'. Lost rets, circ & condition hole. TOOH lay down directional BHA. 5/14/2022 - Cont drilling f/5,988' t/6,430' (TD). Circulate & condition. PU, spot LCM @ 5,253'. TOOH. 5/15/2022 - TIH w/153jts 9-5/8" N-80 43.5# csg landed @ 6415' w/FC @ 6329'. DV tools @ 4779' & 3235'. 5/16/2022 - Attempt to break circulation. RD csg crew. PU 4-3/4" bit, DO float collar & CO to csg shoe @ 6415'. TOOH. Received verbal approval from Virgil Lucero (BLM) and Gilbert Cordero (NMOCD) to perf 9-5/8 csg @ 6402'. 5/17/2022 - RU WL. shot .41" holes @ 6402'. Pumped through perfs. Pump down csg 50sks. Stage1 CMT lead w/141sxs (57.6bbls, 324cf) Class G cmt. @ 12.0ppg, 2.30yld, Tail w/362sxs (74bbls, 416cf) Class G cmt @ 15.6ppg, 1.15yld, 20bbls spacer. Drop plug, displaced w/472bbls water&mud. Circ 14bbls to surface. WOC. 5/18/2022 - Stage2 CMT lead w/208sxs (85.2bbls, 478cf) Class G cmt @ 12.0ppg, 2.30yld. Tail w/293sxs (90.2bbls, 507cf) Class G cmt @ 13.2ppg, 1.73yld, 25bbls spacer. Drop plug, displaced w/356bbls water&mud. Bumped plug @ 03:19hr. DV tool would not open. RD cmt. RR. Walk rig to RU 658H. 6/25-26/2022 - Walk rig from RU 664H. NU BOP. Drill out DV tools. Wash & ream cmt f/6223' t/6316'. TOOH. ND BOP. RR. 6/27/2022 - Run CBL. TOC @ 3122'. PT 1500psi/30mins. Test good. Received approval from Kenny Rennick (BLM) and Monica Kueling (NMOCD) to perf @ 3100'. RU WL. TIH & shot 4 - 41" holes @ 3100'. RD WL. RU WH to circ. Wait on cmt crew. 6/29/2022 - Stage3 CMT lead w/918sxs (376bbls, 2111cf) Class G cmt @ 12.0ppg, 2.30yld. Tail w/252sxs (77.6bbls, 436cf) Class G cmt @ 13.2ppg, 1.73yld, 60bbls spacer. Displaced w/205bbls. Close DV tool. Circ 150bbls of cmt to surface. Bumped plug @ 10:15. RD

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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

cmt crew.

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_665H_INT_20220518_20220801101806.pdf

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: AUG 01, 2022 10:18 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: Accepted

Disposition Date: 08/01/2022

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

COMMENTS

Action 130120

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 130120
	Action Type: [C-103] Sub. Drilling (C-103N)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Accepted, John Garcia, Petroleum Engineer	9/19/2022

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

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Action 130120

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 130120
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	9/19/2022