

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Print Report

Well Name: ROSA UNIT Well Location: T31N / R6W / SEC 24 / County or Parish/State: RIO

NWSW / 36.8833 / -107.42088 ARRIBA / NM

Well Number: 19D Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Unit or CA Name: ROSA UNIT, ROSA Unit or CA Number:

UNIT--MV

NMNM78407A, NMNM78407E

US Well Number: 3003930781 Operator: LOGOS OPERATING LLC

Subsequent Report

Lease Number: NMSF078767

Sundry ID: 2799151

Type of Submission: Subsequent Report

Type of Action: Workover Operations

Date Sundry Submitted: 07/08/2024 Time Sundry Submitted: 02:04

Date Operation Actually Began: 06/04/2024

Actual Procedure: 6/04/2024 - MIRU. ND. NU & test BOP. Pull stinger out of retainer at 6910'. SIW. SDFN. 6/05/2024 - Kill well. TIH w/4-1/2" mill to 6910'. Mill out cement retainer. Circulate. PU mill to 5300'. SIW. SDFN. 6/06/2024 - TIH w/4-3/4" mill to semi composite plug @ 7981'. Mill out remains of CR & mill out plug. CO to PBTD @ 8157'. Circulate. TOOH. SIW. SDFN. 6/07/2024 - RIH w/253 jts, 2-3/8" tbg, 4.70#, N-80 & J-55 landed @ 8077', SN @ 8076'. ND BOP. NU WH. RD RR

SR Attachments

Actual Procedure

3160_5_Rosa_Unit_19D_Subsequent_Report_Drill_Out_Bridge_Plug_20240607_20240708140347.pdf

Page 1 of 2

eceived by OCD: 7/9/2024 1:47:45 PM Well Name: ROSA UNIT

Well Location: T31N / R6W / SEC 24 /

NWSW / 36.8833 / -107.42088

County or Parish/State: RIPage 2 0

ARRIBA / NM

Well Number: 19D

Type of Well: CONVENTIONAL GAS

Allottee or Tribe Name:

Lease Number: NMSF078767

Unit or CA Name: ROSA UNIT, ROSA

UNIT--MV

Unit or CA Number: NMNM78407A, NMNM78407E

US Well Number: 3003930781

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

Signed on: JUL 08, 2024 02:04 PM **Operator Electronic Signature: ETTA TRUJILLO**

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: 07/08/2024

Signature: Kenneth Rennick

Page 2 of 2

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0137 Expires: December 31, 2024

BUREAU OF LAND MANAGEMENT	
DRY NOTICES AND REPORTS ON WELLS	

BUREAU OF LAND MANAGEN	VIENI		NMSF078	3767	
SUNDRY NOTICES AND REPORTS	ON WELL	S	6. If Indian, Allottee or		
Do not use this form for proposals to dri					
abandoned well. Use Form 3160-3 (APD) f	or such pr	oposals.			
SUBMIT IN TRIPLICATE - Other instructions	on page 2		7. If Unit of CA/Agree	ment, Name and/o	or No.
1. Type of Well Oil Well Sas Well Other			8. Well Name and No.	NIT 10D	
2. Name of Operator			9. API Well No.	NIT 19D	
LOGOS OPERATING, LLC 3a. Address 2010 AETON DI ACE 3b. Ph	one No. (includ	le area code)	30-039		
2010 ATTON FLACE	505) 278-8720	e area codej			A/BASIN MANCOS
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) UNIT L SEC 24 T31N 6W 1980' FSL 660' FWL			11. Country or Parish, RIO ARRIE	State 3A, NEW MEXI	(CO
12. CHECK THE APPROPRIATE BOX(ES') TO INDICAT	E NATURE OF N			
TYPE OF SUBMISSION) TO INDICAL	TYPE OF		LK DAIA	
□ □ A cidiza □	Deepen		Production (Start/Resume)	Water Shu	
Notice of Intent Alter Casing	Hydraulic F	=	Reclamation	Well Integ	
X Subsequent Report Casing Repair	New Constr	uction I	Recomplete	x Other	D :11
Final Abandonment Notice Convert to Injection	Plug and Ab	=	Femporarily Abandon Water Disposal		Drill out BP & CR
the Bond under which the work will be perfonned or provide the Bond completion of the involved operations. If the operation results in a mult completed. Final Abandonment Notices must be filed only after all requise ready for final inspection.) 6/04/2024 - MIRU. ND. NU & test BOP. Pull stinger out of retainer at 6/05/2024 - Kill well. TIH w/4-1/2" mill to 6910'. Mill out cement ret 6/06/2024 - TIH w/4-3/4" mill to semi composite plug @ 7981'. Mill of 6/07/2024 - RIH w/253 jts, 2-3/8" tbg, 4.70#, N-80 & J-55 landed @ 80	tiple completion uirements, inclust 6910'. SIW. Sainer. Circulate out remains of C	n or recompletion ding reclamation, DFN. . PU mill to 5300'. CR & mill out plug	in a new interval, a Form 31 have been completed and the SIW. SDFN. CO to PBTD @ 8157'. Circ	60-4 must be filed the operator has de	d once testing has been tennined that the site
14. I hereby certify that the foregoing is true and correct. Name (Printed/Ty	rped)				
Etta Trujillo	Title	Regulatory	Specialist		
Signature Cta Trujillo	Date	7/3/2024			
THE SPACE FOR	R FEDERAL	OR STATE	OFICE USE		
Approved by		Title		Pate	
Conditions of approval, if any, are attached. Approval of this notice does no certify that the applicant holds legal or equitable title to those rights in the s which would entitle the applicant to conduct operations thereon.		Office	Į-		

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)



Wellbore Schematic

Well Name: Rosa Unit 019D Unit L Sec 24, T31N, R06W 1980' FSL & 660' FWL Location: County: Rio Arriba, NM API#: 30-039-30781 Co-ordinates: Lat 36.8833084 Long -107.4208908 NAD83 Elevations: GROUND: 6311' KB: 6325 Depths (KB): PBTD: 8157

TD:

8164

Hole Size

9-7/8" 320'-3872'

Created by:	7/13/2023 Moss
Reviewed by:	7/18/2023 Peace
Last Updated:	7/3/2024 Moss
Spud Date:	8/25/2009
Completion Date:	11/16/2009
Last Workover Date:	6/7/2024
'	

DIRECTIONAL WELLBORE All depths KB Surface Casing

9.38° at 718'

14-3/4" 10-3/4", 40.5#, J-55 7 jts set at 313' 313 300 sx TOC at surface

Surface Casing: (8/25/2009)

Drilled a 14-3/4" surface hole to 320'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 313' Cmt w/ 300 sx Type 3 cmt (539 ft3, 13.5 ppg, 1.796 yield), circ 60 bbls to surface

TOC at surface (circ) Intermediate Casing: (9/4/2009)

Drilled a 9-7/8" intermediate hole to 3872'. Set 88 jts 7-5/8", 26.4#, K-55 csg at 3862' Cmt w/ 490 sx Extendcem cmt (1338 ft3, 11.5 ppg, 2.73 yield). Tail w/ 100sx Premium cmt (118 ft3, 15.6 ppg, 1.18 yield). Circ 100 bbls cmt to surface.

Production Casing: (9/9/2007)

Drilled a 6-3/4" production hole to 8164'. Set 213 jts 5-1/2", 17#, N-80 csg at 8164' Cmt w/ 360 sx Fraccem cmt (504 ft3, 13.1 ppg, 1.4 yield). TOC at 3490' (CBL 9/16/2009

Tubing: (06/2024)	Length (ft)		
KB		14	
(72) 2-3/8", 4.7#, N-80 tbg jts		2300	
(180) 2-3/8", 4.7#, J-55 tbg jts		5725	
(1) 2-3/8" x 4' pup joint		4	
(1) 2-3/8", 4.7#, J-55 tbg jt		32	
(1) 1.78" SN		1	
(1) MS collar w/ exp check		0.4	
_	Set at:	8077 ft	

Artificial Lift: Plunger lift

Perforations: (11/2009)

DK: (8031'-8149'): 78, 034" holes. 8031', 35, 39, 43, 47, 51, 55, 59, 63, 69, 77, 81, 85 89, 93, 97, 8101', 05, 13, 17, 21, 25, 29, 33, 47, 8149'. Acidize w/ 1993 gal 15% HCL acid. Frac w/ 4,971# 100 mesh sand & 64,277# 40/70 sand in 2519 bbls frac fluid.

L MC (7272'-7734'): 81, 0.34" holes. 7272', 82, 92, 99, 7308', 18, 28, 38, 48, 56, 65, 74 86, 97, 7407', 14, 24, 34, 44, 7531', 43, 63, 7703', 11, 17, 25, 7734'. Acidize w/ 2431 gal 15% FE acid. Frac w/ 6,396# 100 mesh sand & 98,292# 40/70 sand in 10,098 gal frac fluid

U MC (6960'-7220'): 81, 0.34" holes. 6960', 70, 80, 90, 7000', 10, 20, 30, 40, 50, 60, 70 80, 90, 7100', 10, 20, 30, 40, 50, 60, 70, 80, 90, 7200', 10, 7220'. Acidize w/ 1982 gal 15% FE

acid. Frac w/ 6406# 100 mesh sand & 92,349# 40/70 sand in 10,160 gal frac fluid. L MV (5816'-6181'): 69, 0.34" holes. 5816', 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64,

68, 72, 76, 80, 84, 88, 92, 96, 5900', 04, 08, 12, 16, 20, 24, 28, 32, 36, 40, 50, 54, 60, 64, 68, 80, 82, 96, 98, 6000', 12, 14, 16, 21, 40, 42, 44, 46, 58, 60, 68, 70, 72, 79, 88, 90, 92, 6103' 16, 18, 20, 36, 39, 47, 64, 68, 6181'. Acidize w/ 2000 gal 15% HCL.

Frac w/ 80,000# 20/40 sand in 13,000 gal frac fluid

U MV (5353'-5734'): 63, 0.34" holes. 5353', 59, 61, 69, 87, 93, 5405', 07, 19, 27, 39, 55, 62, 78, 92, 94, 96, 98, 5522', 24, 42, 44, 66, 68, 70, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 5600', 02, 04, 06, 08, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 5714', 16, 18, 20, 22, 26, 28, 30, 32, 5734'. Acidized w/ 2000 gal 15% HCL. Frac w/ 81,120# 20/40 sand in 13,000 gal frac fluid.

Formations:	
Lowis	

Lewis	3682'	Mancos	6270'
Cliff House	5562'	Dakota	8031'
Point Lookout	5814'	_	•

Additional Notes:

(11/2009) Initial Completion. Perf'd & stim'd MV, MC, & DK formations. Trimingled upon completion (05/2010) Tagged fill at 8117' w/ slickline. CO to PBTD at 8157'. Ran spinner survey. EOT at 8100' (05/2011) Tag fill at 8096'. Pull tbg, no visible scale. CO to PBTD at 8157'. Ran another spinner survey. Set EOT at 8075

(08/2023) Wellbore isolation/ pressure monitoring for Pad 29 offset completions.

Tagged fill at 8135'. Scanned tbg out: N-80 - 101Y, 6B, 1G, 1R; J-55 - 85Y, 45B

10G, 3R. Minor scale buildup on bottom half of string, LD jt #251 w/ plunger & bumper spring Set 5-1/2" Semi-CBP at 7981'. Set CR at 6910'. TIH 2-3/8" tbg w/ pressure gauge assemly and stung into CR. EOT at 6913'. Tied in gauge line to surface panel.

(06/2024) Return to production. Sting out of CR, TOOH & LD pressure gauge cable & mandrel.

DO CR & Semi-CBP down to PBTD at 8157'. Set 2-3/8" tbg at 8077' Max deviation 28.81° at 1563'. Max DLS 6.44 at 3698'

28.81° at 1563' 6-3/4" 3872'-8164 Intermediate Casing 7-5/8", 26.5#, K-55 88 jts set at 3862' 590 sx TOC at surface TOC at 3490' (CBL) 7.44° at 3604' 3862 TOC at surface (circ) 0.79° at 3872' **Production Casing** 5-1/2", 17#, N-80 213 jts set at 8164' 360 sx TOC at 3490' (CBL) 0 O U MV: 5353'-5734' 0 O L MV: 5816'-6181'

0

8164'

PBTD - 8157'

TD - 8164'

O U MC: 6960'-7220'

O L MC: 7272'-7734'

O DK: 8031'-8149'

TOC at 3490' (CBL)

Tubing

253 its SN at 8076' EOT at 8077'

2-3/8", 4.7#, J-55 & N-80

Sante Fe Main Office Phone: (505) 476-3441

General Information Phone: (505) 629-6116

Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

CONDITIONS

Action 362320

CONDITIONS

Operator:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	362320
	Action Type:
	[C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	9/2/2025