Sundry Print Report

Page 1 of 5

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

Well Name: ROSA UNIT Well Location: T31N / R6W / SEC 12 /

SENW / 36.91613 / -107.41551

County or Parish/State: RIO

ARRIBA / NM

Well Number: 149C

Type of Well: CONVENTIONAL GAS

WELL

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: 3003930723

Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2806480

Type of Submission: Subsequent Report Type of Action: Other

Date Sundry Submitted: 08/12/2024 Time Sundry Submitted: 02:23

Date Operation Actually Began: 07/17/2024

Actual Procedure: 7/17/2024 -MIRU. ND WH. NU & function test BOP. Good test. TOOH w/2-3/8" tubing. MU 4-3/4" bit & string mill. TIH to 5260'. SDFN 7/18/2024 - Continue to mill to 8041'. TOOH. TIH w/5-1/2" CIBP, set @ 8002', 50' above the DK Perfs. Set packer @ 7990'. PT CIBP to 1000psi. Good test. Release packer. TOOH laydown setting tool & packer. SDFN. 7/19/2024 - TIH and set CICR @ 6918'. PT tbg to 1000psi. Good test. Sting out of retainer. PU 10' set packer, PT to 1000psi. Good test. Release packer. TOOH. SIW. SDFN. 7/20/2024 - TIH w/218jts, 2-3/8", J-55, 4.7#, N-80, with gauges sting into retainer, land tbg @ 6922'. ND BOP. NU WH test gauges. Good test. RD.

SR Attachments

Actual Procedure

3160 5 Rosa Unit 149C Subsequent Report Wellbore Isolation 20240720 20240812142307.pdf

Received by OCD: WINDARD: GOSALANITM

Well Location: T31N / R6W / SEC 12 / SENW / 36.91613 / -107.41551

County or Parish/State: RIO ARRIBA / NM

Well Number: 149C

Type of Well: CONVENTIONAL GAS

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UNIT--MV

Unit or CA Number: NMNM78407A, NMNM78407E Page 2 of 5

US Well Number: 3003930723

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: AUG 12, 2024 02:24 PM

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 Date: 08/12/2024 Disposition: Accepted

Signature: Kenneth Rennick

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR RUBEALLOE LAND MANAGEMENT

FORM APPROVI	ED
OMB No. 1004-01	37
Expires: January 31,	2025

DEF	AKTIMENT OF THE INTERIOR				r,
BURI	EAU OF LAND MANAGEMEN	T		5. Lease Serial No. N	MSF78767
Do not use this f	IOTICES AND REPORTS ON form for proposals to drill or Use Form 3160-3 (APD) for s	to re-enter an		6. If Indian, Allottee o	r Tribe Name
SUBMIT IN 1	TRIPLICATE - Other instructions on p	age 2		7. If Unit of CA/Agree	ement, Name and/or No.
1. Type of Well				8. Well Name and No.	
Oil Well X Gas W	Vell Other				ROSA UNIT 149C
2. Name of Operator LOGOS OPERA	ATING, LLC			9. API Well No.	30-039-30723
3a. Address 2010 AFTON PI FARMINGTON		Io. (include area code) 278-8720	e)	10. Field and Pool or	Exploratory Area BASIN MANCOS
4. Location of Well (Footage, Sec., T,R 1910' FNL & 2225' FWL, SEC	C.,M., or Survey Description) C 12 31N 6W, UNIT LETTER F			11. Country or Parish, RIO ARRI	State BA, COUNTY, NM
12. CHE	CK THE APPROPRIATE BOX(ES) TO	INDICATE NATURI	E OF NOTIO	CE, REPORT OR OTH	HER DATA
TYPE OF SUBMISSION		TY	PE OF ACT	ION	
Notice of Intent		eepen ydraulic Fracturing	=	action (Start/Resume)	Water Shut-Off Well Integrity
X Subsequent Report	Casing Repair	ew Construction	Reco	mplete	X Other
Final Abandonment Notice		ug and Abandon ug Back	= `	orarily Abandon r Disposal	Wellbore Isolation
completed. Final Abandonment Not is ready for final inspection.) 7/17/2024 - MIRU. ND WH. NU 8 7/18/2024 - Continue to mill to 80 Release packer. TOOH laydown s 7/19/2024 - TIH and set CICR @ TOOH. SIW. SDFN. 7/20/2024 - TIH w/218jts, 2-3/8"	ons. If the operation results in a multiple of tices must be filed only after all requirem by function test BOP. Good test. TOOH v 1941'. TOOH. TIH w/5-1/2" CIBP, set @ 8 setting tool & packer. SDFN. 6918'. PT tbg to 1000psi. Good test. St 19-55, 4.7#, N-80, with gauges sting into	ents, including reclar v/2-3/8" tubing. MU 8002', 50' above the ing out of retainer.	4-3/4" bit & DK Perfs. S	string mill. TIH to 52 set packer @ 7990'. PT packer, PT to 1000psi.	the operator has detennined that the site 260'. SDFN CCIBP to 1000psi. Good test. Good test. Release packer.
14. I hereby certify that the foregoing is Etta Trujillo	true and correct. Name (Printed/Typed)	Title	R	egulatory Speciali	st II
Signature Eta Truju	Ello	Date	8/12/	2024	
	THE SPACE FOR FE	DERAL OR ST	ATE OF	ICE USE	
Approved by		Title			Date
	ned. Approval of this notice does not war equitable title to those rights in the subject duct operations thereon.	rant or			S
	3 U.S.C Section 1212, make it a crime for ents or representations as to any matter w		gly and will	fully to make to any de	epartment or agency of the United States

(Instructions on page 2)



Isolation Wellbore Schematic

Well Name:	Rosa Unit 149C	
Location:	F-12-31N-06W 1910)' FNL & 2225' FWL
County:	Rio Arriba, NM	
API #:	30-039-30723	
Co-ordinates:	Lat 36.9161072, Long	-107.4154968 NAD83
Elevations:	GROUND:	6286'
	KB:	6300'
Depths (KB):	PBTD:	8140'
	TD:	8178'

Date Prepared: 4/25/2024 Moss

Reviewed By:

Last Updated: 7/26/2024 Peace

Spud Date: 6/25/2009

Completion Date: 9/19/2009

Last Workover Date: 7/20/2024

DIRECTIONAL WELLBORE All depths KB Hole Size Surface Casing 14-3/4", 40.5#, J-55 14-3/4" 0-320' TOC at surface (circ) 7 jts set at 313' 313' 310 sx Circ to surf 2° at 420' 9-7/8" 320'-3840' 11° at 726' 6-3/4" 23° at 911' 3840'-8178' 25° at 1446' 24° at 2517' 14° at 3175' 0.63° at 3707' TOC at surface (circ) 3831 Intermediate Casing 7-5/8", 26.4#, K-55 93 jts set at 3831' 645 sx Circ to surface o U MV: 5386'-5742' 0 0 0 0 **Production Casing:** 5-1/2", 17#, N-80 213 jts set at 8177' 0 360 sx TOC at 3068' (CBL) 0 L MV: 5798'-6145' 0 0 good bond throughout 0 CR at 6918' <u>Tubing</u> 2-3/8" 4.7# J-55 & N-80 0 o U MC: 6968'-7220' ~215 jts 0 o L MC: 7253'-7420' FN at 6899' CR at 6918' EOT at 6922' BP at 8002' o DK: 8052'-8158' CBP & Fish at 8140' 8177 TOC at 3068' (CBL) PBTD - 8140'

TD - 8178'

Surface Casing: (0	16/26/2009)		
	rface hole to 320'. Set	7 ite 10-3/4" 40 5# L	55 cen at 313'
	mt (556 ft3, 13.5 ppg,		
Cilita W/ 310 SX C	піт (ээо пэ, тэ.э рру,	1.790 ylu). Olic 45 bbi	s citil to surface.
Intermediate Casii	an (07/03/3000)		
Drillod a 0. 7/9" into	rmediate hole to 3840'	Set 03 ite 7 5/9" 26	/# K 55 oca at 3931'
Cmt'd w/ 545 cv E	xtendcem cmt (1487 f	. 3et 33 jts 7-3/0 , 20.	Tailed w/ 100 cv
	, 15.6 ppg, 1.178 yld).		
Pielli Cili (116 ils	, 15.6 ppg, 1.176 ylu).	Circ 115 bbis cirit to s	uriace.
Dun dan din Onnius	(07/00/0000)		
Production Casing]: (07/08/2009)	0-1-040 H- E 4/01 47#	N 00+ 0477!
Drilled a 6-3/4" prod	duction hole to 8178'.	set 213 jts 5-1/2", 1/#,	, N-80 csg at 8177.
Cifil a W/ 360 SX C	mt (504 ft3, 13.1 ppg,	1.4 yld). TOC at 3008	per 2009 CBL.
		1 (1 //	**
Tubing:		Length (f	•
KB			14
(1) 2-3/8" x 2' pup j			2
(~215) 2-3/8" 4.7# I	N-80 & J-55 tbg jts		6896
(1) 1.78" F nipple	A 11		1
(1) P-4000C Gauge			6
(1) 2-3/8" x 2' pup j	UITIL		2
(1) CR stinger		Cot at:	1 coop #
Autitiolal Little		Set at:	6922 ft
Artificial Lift:			
Plunger lift			
Perforations: (09/2			
	') 57, 0.34" holes. 5386		
	06', 08, 10, 28, 30, 32,		
	66, 68, 70, 72, 78, 80		717', 19, 28, 30, 32,
	42'. Frac w/ 81,463# 2		
) 63, 0.34" holes. 5798		
	52, 54, 56, 58, 60, 62		
	12, 14, 16, 18, 20, 22,		
	6104', 06, 20, 41, 43,		
	') 90, 0.34" holes. 696		
	98, 7107', 16, 24, 32,		, 90, 7200', 10,
7220'. Frac w/ 499	95# 100 mesh & 114,2°	70# 40/70 sand.	
L MC: (7253'-7420') 75, 0.34" holes. 7253	3', 62, 70, 79, 85, 92, 9	98, 7304', 10, 16,
24, 32, 40, 47, 53,	62, 68, 75, 80, 87, 92	, 98, 7405', 10, 7420'.	
Frac w/ 5005# 100	mesh & 99,907# 40/7	0 sand.	
DK: (8052'-8158') 8	37, 0.34" holes. 8052',	56, 58, 60, 62, 64, 66	, 72, 94, 96, 98,
	16, 18, 20, 22, 24, 26,		
) mesh & 117,723# 40		, 00, 01001
1140 W/ 00+0# 100	7 IIIC3II Q 111,120# 40	77 O Saria.	
Formations:	MD		
Pictured Cliffs	3337'	Mancos	6280'
Mesaverde	3640'		7920'
IVICOAVCIUE	JU 4 U	Dakota	1320
Additional Note:			
Additional Notes:	-1-4: O4: 1188/ ***	2 0 DK f- " " =	
			eport states they drilled
on CBP & junk do	wn to 8135'. WL tools	left in hole as follows,	CBP, setting tool,
sinker bar, collar k	ocator, & rope socket.	Set 2-3/8" tbg at 8111	' (14' KB)
			er spring stuck in jt abo
			t 8135'). Could not CO
	spinner survey & set 2		
	nipple had scale on II		
			" tbg at 8098' (14' KB).
	olation/Pressure Gaug		
(22y, 116b, 55g, 60	r). Round trip bit and s		
	D at CO40! I and ad the	w/ pressure gauges	at 6922'
set at 8002' with C		w pressure gauges a	at 0522.
set at 8002' with C SI well for offset de		w pressure gauges t	

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 373183

CONDITIONS

Operator:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	373183
	Action Type:
	[C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	9/2/2025