



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

Well Completion Print

01/22/2025

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 702H	US Well Number 3003931439
SHL NWSE Sec 7 31N 5W	County RIO ARRIBA	State NM	Lease Number(s) NMSF0078767
Well Type CONVENTIONAL GAS WELL	Well Status Producing Gas Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number 700H, 704H, 706H	APD ID 10400083725

Section 1 - General

Well Completion Report Id: 93689**Submission Date:** 11-18-2024**BLM Office:** Farmington Field Office**User:** ETTA TRUJILLO**Title:** Regulatory Specialist**Federal/Indian:** FEDERAL**Lease Number:** NMSF0078767**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** LOGOS OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** BASIN MANCOS**Field Name:** BASIN MANCOS**Well Type:** CONVENTIONAL GAS**Spud Date:** 04-11-2024**Date Total Measured Depth Reached:** 07-14-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

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Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
NACIMIENTO	SANDSTONE, SHALE		6295	0	0	NONE	
OJO ALAMO	SANDSTONE, SHALE		3898	2415	2464	NONE	
KIRTLAND	SANDSTONE, SHALE		3788	2527	2580	NONE	
FRUITLAND	COAL, SANDSTONE, SHALE		3299	2891	2955	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE, SHALE		2976	3340	3418	NATURAL GAS	
LEWIS	SHALE		2871	3470	3552	NATURAL GAS	
CHACRA	SANDSTONE		1746	4600	4726	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		982	5364	5518	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		928	5412	5567	NONE	
POINT LOOKOUT	SANDSTONE, SHALE		699	5630	5788	NATURAL GAS	
MANCOS	SANDSTONE, SHALE, SILTSTONE		162	6173	6336	NATURAL GAS	

Completion and Completed

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Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM078407E	NMSF0078767	NEW		PGW	10-02-2024	10-17-2024	MANCOS	7388	17913	Y	.35		OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	654890	23827791	

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			FLOWS FROM WELL		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

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Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	10/17/2024	24	0	1879	243	0	22/64			2197

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.913961	-107.399257	6295	N/A	N/A	FEDERAL	NMSF078767				2612	FSL	1322	FEL	31N	5W	7	NWSE
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.910348	-107.399321	-32	6490	6327	FEDERAL	NMSF078767				1297	FSL	1342	FEL	31N	5W	7	SWSE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909844	-107.437111	6295	0	0	FEDERAL	NMSF078771				0	FSL	0	FEL	31N	5W	11	SESE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909844	-107.437111	6295	0	0	FEDERAL	NMSF078767				0	FSL	0	FEL	31N	5W	12	Lot 4

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	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 986	- 107.40 1137	-644	738 8	693 9	FEDERAL	NMSF0 78767				116 5	FSL	187 3	FEL	31N	5W	7	SWSE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 844	- 107.43 7111	-636	179 13	693 1	FEDERAL	NMSF0 78771				107 6	FSL	120 4	FWL	31N	6W	11	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 831	- 107.43 7805	-637	181 16	693 2	FEDERAL	NMSF0 78771				107 0	FSL	100 1	FWL	31N	6W	11	SWSW
KOP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.910 348	- 107.39 9321	-32	649 0	632 7	FEDERAL	NMSF0 78767				129 7	FSL	134 2	FEL	31N	5W	7	SWSE
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 986	- 107.40 1137	-636	179 36	693 1	FEDERAL	NMSF0 78767				116 5	FSL	187 3	FEL	31N	5W	7	SWSE
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 986	- 107.40 1137	6295	0	0	FEDERAL	NMSF0 78767				0		0		31N	5W	12	Lot 4
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 986	- 107.40 1137	6295	0	0	FEDERAL	NMSF0 78771				0		0		31N	6W	11	SESE
EXIT Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 844	- 107.43 7111	-644	738 8	693 9	FEDERAL	NMSF0 78771				107 6	FSL	120 4	FWL	31N	6W	11	SWSW
BHL Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 831	- 107.43 7805	-637	181 16	693 2	FEDERAL	NMSF0 78771				107 0	FSL	100 1	FWL	31N	6W	11	SWSW

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Casing, Liner and Tubing

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	26	0	375	20.0	94	J-55		OTHER	BTC	
00	INTERMEDIATE	12.25	0	6391	9.625	47	L-80		OTHER	BTC	
00	PRODUCTION	8.5	0	18097	5.5	20	HCP-110		OTHER	BTC	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class G	759	1.15	0					155.5
00	INTERMEDIATE		Class G	760	1.9	0	Class G	239	1.58		3110.1
00	INTERMEDIATE		Class G	527	1.9	0	Class G	467	1.1		3110.1
00	INTERMEDIATE		Class G	1194	1.58	0	Class G	260	1.58		3110.1
00	PRODUCTION		Class G	385	1.9	550	Class G	2041	1.59		708.2

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Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

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Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: LOGOS OPERATING LLC

Signed By: ETTA TRUJILLO

Title: Regulatory Specialist

Signed on: 11/18/2024

Street Address: 2010 AFTON PLACE

City: Farmington

State: NM

Zip: 87401

Phone: (505)324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

ROSA_UNIT_702H_20241114110849.pdf

Logos__Rosa_Unit_702H_Final_PVA_20241114110933.pdf

Rosa_Unit_702H_As_Drilled_C_102_Plat_20240828_20241114111226.pdf

Rosa_Unit_702H_As_Completed_Well_Schematic_public_20241114111351.pdf

ROSA_UNIT_702H_20241118090144.pdf

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Logos___Rosa_Unit_702H_Final_PVA_20241118090208.pdf

Rosa_Unit_702H_As_Drilled_C_102_Plat_20240828_20241118090222.pdf

Rosa_Unit_702H_As_Completed_Well_Schematic_public_20241118090241.pdf

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

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

ACKNOWLEDGMENTS

Action 439858

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 439858
	Action Type: [C-105] Well (Re)Completion (C-105)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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 439858

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 439858
	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	3/6/2025