



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 706H	US Well Number 3003931437
SHL NESE 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, 702H, 704H	APD ID 10400083957

Section 1 - General

Well Completion Report Id: 93700**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:** 04-08-2024**Date Total Measured Depth Reached:** 06-20-2024**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	2417	2455	NONE	
KIRTLAND	SANDSTONE, SHALE		3788	2531	2572	NONE	
FRUITLAND	COAL, SANDSTONE, SHALE		3299	2895	2945	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE, SHALE		2976	3340	3400	NATURAL GAS	
LEWIS	SHALE		2871	3468	3531	NATURAL GAS	
CHACRA	SANDSTONE		1746	4602	4695	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		982	5367	5492	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		928	5411	5538	NONE	
POINT LOOKOUT	SANDSTONE, SHALE		699	5623	5759	NATURAL GAS	
MANCOS	SANDSTONE, SHALE, SILTSTONE		162	6176	6328	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	10-13-2024	10-17-2024	MANCOS	7407	20764	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	805801	30629	

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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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	1177	665	0	18/64			2660

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	36.913792	-107.399109	6295	N/A	N/A	FEDERAL	NMSF078767				2551	FSL	1279	FEL	31N	5W	7	NESE
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.910355	-107.397974	-81	6531	6376	FEDERAL	NMSF078767				1300	FSL	948	FEL	31N	5W	7	SESE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909535	-107.396165	-629	7407	6924	FEDERAL	NMSF078767				1001	FSL	420	FEL	31N	5W	7	SESE
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909535	-107.396165		0	0	FEDERAL	NMSF078763				0	FSL	0	FEL	31N	5W	8	SWSW

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PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 535	- 107.39 6165		0	0	FEDERAL	NMSF0 78763				0	FSL	0	FEL	31N	5W	9	SWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.908 522	- 107.35 0656	6295	0	0	FEDERAL	NMSF0 78770				0		0		31N	5W	10	SWSW
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.908 522	- 107.35 0656	-582	207 64	687 7	FEDERAL	NMSF0 78770				639	FSL	234 1	FWL	31N	5W	10	SESW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.908 54	- 107.34 9979	-583	209 62	687 8	FEDERAL	NMSF0 78770				646	FSL	253 9	FWL	31N	5W	10	SESW
KOP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.910 355	- 107.39 7974	-81	653 1	637 6	FEDERAL	NMSF0 78767				130 0	FSL	948	FEL	31N	5W	7	SESE
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 535	- 107.39 6165	6295	0	0	FEDERAL	NMSF0 78763				0		0		31N	5W	8	SWSW
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 535	- 107.39 6165	6295	0	0	FEDERAL	NMSF0 78763				0		0		31N	5W	9	SWSW
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.908 522	- 107.35 0656	6295	0	0	FEDERAL	NMSF0 78770				0		0		31N	5W	10	SWSW
PPP Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.909 535	- 107.39 6165	-629	740 7	692 4	FEDERAL	NMSF0 78767				100 1	FSL	420	FEL	31N	5W	7	SESE

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EXIT Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.908522	-107.350656	-582	20764	6877	FEDERAL	NMSF078770				639	FSL	2341	FWL	31N	5W	10	SESW
BHL Well bore 01	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.90854	-107.349979	-583	20962	6878	FEDERAL	NMSF078770				646	FSL	2539	FWL	31N	5W	10	SESW

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	386	20.0	94	J-55		OTHER	BTC	
00	INTERMEDIATE	12.25	0	6399	9.625	47	L-80		OTHER	BTC	

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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	PRODUCTION	8.5	0	20931	5.5	20	HCP-110		LT&C		

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	784	1.15	0					160.6
00	INTERMEDIATE		Class G	536	1.9	0	Class G	464	1.1	3210	3225.7
00	INTERMEDIATE		Class G	734	1.9	0	Class G	238	1.58		3225.7
00	INTERMEDIATE		Class G	1190	1.9	0	Class G	258	1.58		3225.7
00	PRODUCTION		Class G	425	1.9	900	Class G	2636	1.59		890.3

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									

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Logs

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

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**

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Logos___Rosa_Unit_706H_Final_PVA_20241115083938.pdf

Rosa_Unit_706H_As_Drilled_C_102_Plat_20240829_20241115084002.pdf

Rosa_Unit_706H_As_Completed_Well_Schematic_public_20241115084023.pdf

ROSA_UNIT_706H_20241115094341.pdf

Logos___Rosa_Unit_706H_Final_PVA_20241115094401.pdf

Rosa_Unit_706H_As_Drilled_C_102_Plat_20240829_20241115094418.pdf

Rosa_Unit_706H_As_Completed_Well_Schematic_20241115094543.pdf

ROSA_UNIT_706H_20241115102434.pdf

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

ACKNOWLEDGMENTS

Action 439873

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 439873
	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.

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CONDITIONS

Action 439873

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	Action Type: [C-105] Well (Re)Completion (C-105)

CONDITIONS

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