

C-104 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**Section 1 - Operator and Well Information**

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 614H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31433
Pool Name: BASIN MANCOS	Pool Code: 97232

Section 2 – Surface Location

UL L	Section 23	Township 31N	Range 6W	Lot	Ft. from N/S 1811' FSL	Ft. from E/W 434' FWL	Latitude 36.882844	Longitude -107.439701	County RIO ARRIBA
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Section 3 – Completion Information

Producing Method Flowing	Ready Date 11/12/24	Perforations MD 7,297'-17,056'	Perforations TVD 6886' - 6848'
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Section 4 – Action IDs for Submissions and Order Numbers

List Action IDs for Drilling Sundries	Was an Order required / needed (Y/N), if yes list Order number:
C-104 RT Action ID (if C-104NW): 391966	Communitization Agreement ☒ Yes ☐ No, Order No. NMNM078407E
Surface Casing Action ID: 281796	Unit: ☒ Yes ☐ No, Order No. R-13457
Intermediate 1 Casing Action ID: 282915	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: 289065	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 291819	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ 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.	
Name <i>Lacey Granillo</i>	
Title Regulatory Specialist	Date 10/11/24



Request for Confidential "Tight Hole" Status

LOGOS Operating, LLC
Rosa Unit #614H
API# 30-039-31433
Section 23 T31N R06W
Rio Arriba County, New Mexico

Per 19.15.7.16 (C) of the New Mexico Administrative Code (NMAC) regarding the *Well Completion or Recompletion Report and Log (Form C-105)*, LOGOS Operating, LLC respectfully requests the Division to maintain the confidentiality of Form C-105 and all associated documentation as of **11/12/2024** for a period of 90 days following the acceptance of the referenced documents.

Sincerely,



Lacey Granillo
Regulatory Specialist
Cell: 505-787-0118
lgranillo@logosresourcesllc.com

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type	☐ Initial Submittal
			☐ Amended Report
		☒ As Drilled	

WELL LOCATION INFORMATION

API Number 30-039-31433	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 614H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6287'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL L	Section 23	Township 31N	Range 6W	Lot	Feet from N/S Line 1811' SOUTH	Feet from E/W Line 434' WEST	Latitude 36.882844 °N	Longitude -107.439701 °W	County RIO ARRIBA
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Bottom Hole Location

UL M	Section 21	Township 31N	Range 6W	Lot	Feet from N/S Line 1189' SOUTH	Feet from E/W Line 155' WEST	Latitude 36.881060 °N	Longitude -107.476655 °W	County RIO ARRIBA
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Dedicated Acres 640.00	Penetrated Spacing Unit: S/2 - Sections 21 & 22, T31N, R6W	Infill or Defining Well Infill	Defining Well API	Overlapping Spacing Unit ☐ Yes ☒ No	Consolidation Code Unitization
Order Numbers R-13457			Well setbacks are under Common Ownership: ☐ Yes ☒ No		

Kick Off Point (KOP)

UL M	Section 23	Township 31N	Range 6W	Lot	Feet from N/S Line 876' SOUTH	Feet from E/W Line 221' WEST	Latitude 36.880276 °N	Longitude -107.440427 °W	County RIO ARRIBA
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First Take Point (FTP)

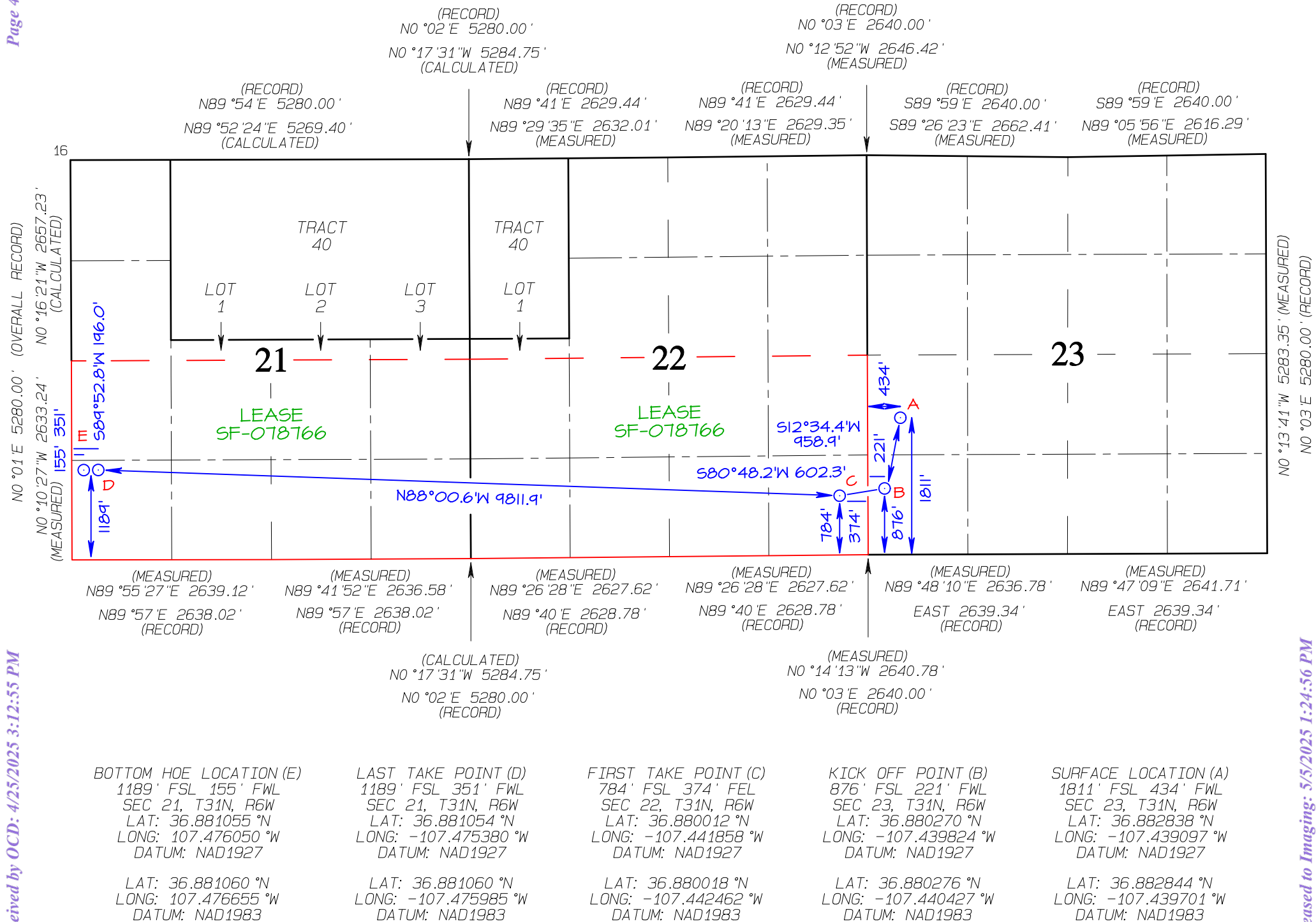
UL P	Section 22	Township 31N	Range 6W	Lot	Feet from N/S Line 784' SOUTH	Feet from E/W Line 374' EAST	Latitude 36.880018 °N	Longitude -107.442462 °W	County RIO ARRIBA
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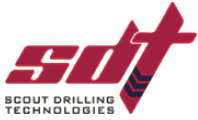
Last Take Point (LTP)

UL M	Section 21	Township 31N	Range 6W	Lot	Feet from N/S Line 1189' SOUTH	Feet from E/W Line 351' WEST	Latitude 36.881060 °N	Longitude -107.475985 °W	County RIO ARRIBA
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Unitized Area or Area of Uniform Interest ROSA UNIT	Spacing Unit Type ☒ Horizontal ☐ Vertical ☐ Directional	Ground Floor Elevation 6257'
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OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. <u>Lacey Granillo</u> Signature 9/3/24 Date Lacey Granillo Printed Name lgranillo@logosresourcesllc.com E-mail Address	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  JASON C. EDWARDS Signature and Seal of Professional Surveyor Certificate Number 15269 Date of Survey JANUARY 4, 2017
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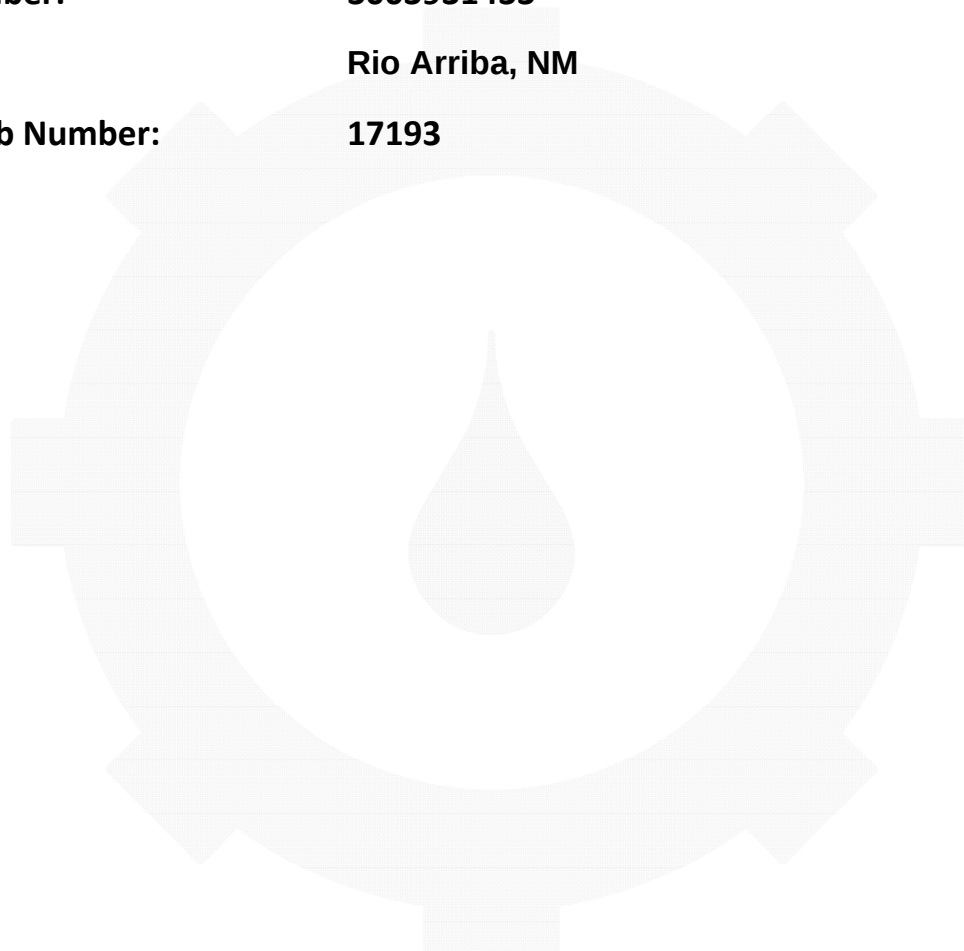
**17193
Logos Operating LLC
Rosa Unit 614H - OH
New Mexico
Rio Arriba
H&P 530**

End Of Well Report - 11/27/2023

**Innovative Drilling Solutions
Data-Driven Decision**



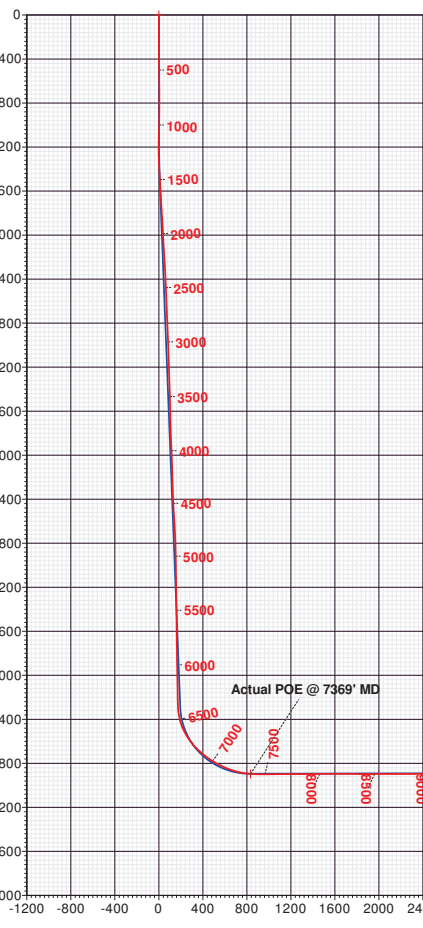
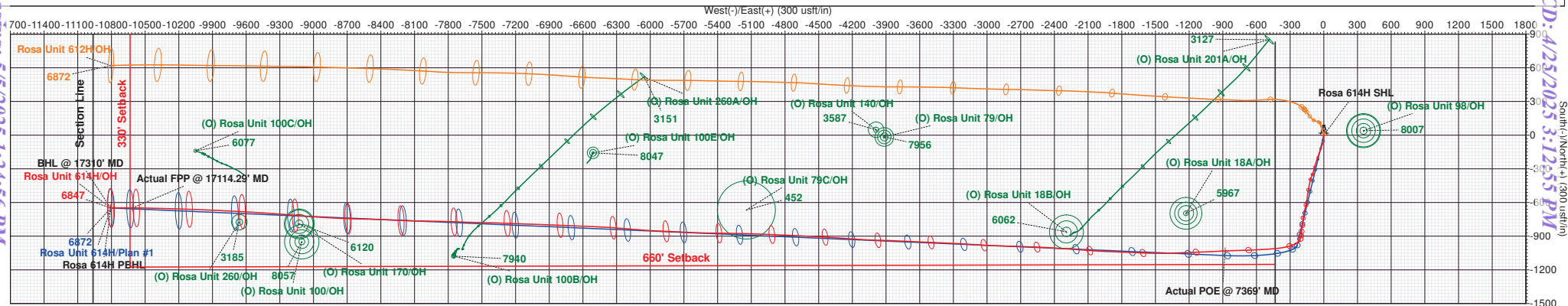
Well Name: Rosa Unit 614H
API Number: 3003931433
County: Rio Arriba, NM
Scout Job Number: 17193



**Scout Drilling Technologies
1125 Beach Airport Road, Conroe, Texas 77301
Office: 936-756-3210
www.scoutdrilltech.com**

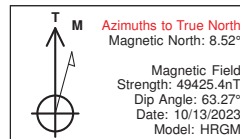


County: Rio Arriba, NM (NAD83)
 Site: Rosa Unit 10
 Well: Rosa Unit 614H
 Depth Reference: 6287+30 @ 6317.00usft (H&P 530)
 Rig: H&P 530
 Plan: OH
 Job #: 17193

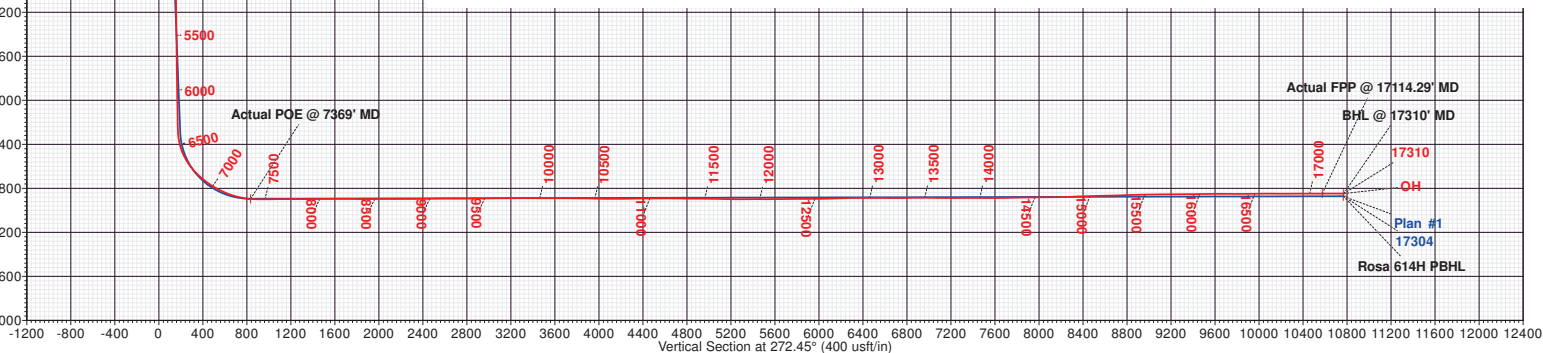
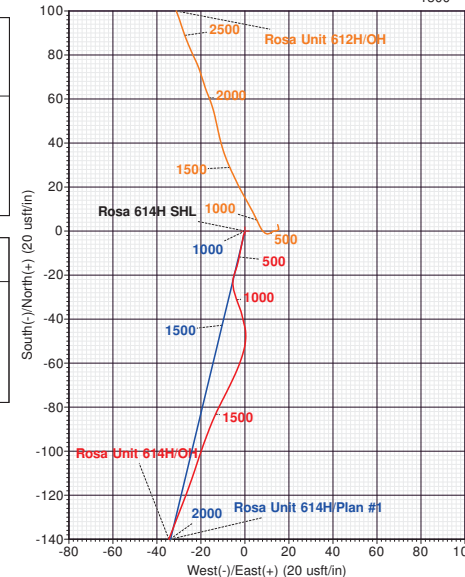


ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
7369.00	85.28	267.66	6896.29	-1031.38	-878.79	833.90	1653.34	Actual POE @ 7369' MD	
17114.29	90.53	270.47	6847.91	-647.61	-10612.18	10574.80	11397.55	Actual FPP @ 17114.29' MD	
17310.00	89.87	269.97	6847.49	-647.21	-10807.89	10770.34	11593.25	BHL @ 17310' MD	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
Rosa 614H SHL	0.00	0.00	0.00	2140917.75	2838211.87	36.882844	-107.439701
Rosa 614H BHL	6847.49	-647.21	-10807.89	2140225.98	2827406.74	36.881060	-107.476655
Rosa 614H Actual FPP	6847.91	-647.61	-10612.18	2140226.39	2827602.45	36.881060	-107.475986
Rosa 614H PBHL	6872.00	-648.38	-10803.94	2140224.82	2827410.70	36.881057	-107.476642
Rosa 614H Actual POE	6896.29	-1031.38	-878.79	2139882.76	2837337.34	36.880011	-107.442706



TOTAL CORRECTION: 8.52°



Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 10

Rosa Unit 614H

API: 3003931433

OH

Design: OH

Standard Survey Report

27 November, 2023

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Project	Rio Arriba, NM (NAD83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Western Zone		

Site	Rosa Unit 10			
Site Position:		Northing:	2,140,923.33 usft	Latitude: 36.882859
From:	Lat/Long	Easting:	2,838,241.39 usft	Longitude: -107.439600
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	

Well	Rosa Unit 614H			
Well Position	+N/-S	0.00 usft	Northing:	2,140,917.75 usft
	+E/-W	0.00 usft	Easting:	2,838,211.88 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft	Ground Level: 6,287.00 usft
Grid Convergence:	0.24 °			

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	10/13/2023	8.52	63.27	49,425.37729655

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	272.45

Survey Program	Date	11/27/2023			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
50.00	340.00	Survey #1 (OH)	A020Ga_GYRO-NS	OWSG Gyrocompass Gyro	
427.00	17,238.00	Survey #2 (OH)	B001Mb_MWD+HRGM	OWSG MWD + HRGM	
6,302.00	17,238.00	Survey #3 - Corrected Run (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction	
17,310.00	17,310.00	Survey #4 (OH)	Project	Projection	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
50.00	0.48	184.01	50.00	-0.21	-0.01	0.01	0.96	0.96	0.00	
109.00	0.65	203.23	109.00	-0.76	-0.16	0.13	0.43	0.29	32.58	
188.00	0.64	203.96	187.99	-1.58	-0.52	0.45	0.02	-0.01	0.92	
250.00	0.29	188.06	249.99	-2.05	-0.68	0.59	0.60	-0.56	-25.65	
340.00	1.74	191.05	339.97	-3.62	-0.98	0.82	1.61	1.61	3.32	
427.00	3.30	191.29	426.89	-7.37	-1.72	1.40	1.79	1.79	0.28	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
517.00	3.78	192.00	516.71	-12.81	-2.84	2.29	0.54	0.53	0.79	
607.00	2.81	199.64	606.56	-17.79	-4.20	3.44	1.18	-1.08	8.49	
721.00	1.32	189.18	720.49	-21.72	-5.35	4.42	1.34	-1.31	-9.18	
816.00	1.41	178.11	815.46	-23.97	-5.49	4.46	0.29	0.09	-11.65	
906.00	2.29	168.62	905.41	-26.84	-5.10	3.94	1.03	0.98	-10.54	
997.00	3.21	159.48	996.31	-31.01	-3.84	2.51	1.12	1.01	-10.04	
1,089.00	4.39	159.56	1,088.10	-36.72	-1.71	0.14	1.28	1.28	0.09	
1,180.00	5.71	171.69	1,178.75	-44.46	0.16	-2.06	1.86	1.45	13.33	
1,274.00	6.59	194.81	1,272.22	-54.30	-0.54	-1.78	2.77	0.94	24.60	
1,369.00	7.60	204.65	1,366.50	-65.28	-4.56	1.76	1.66	1.06	10.36	
1,463.00	8.88	207.46	1,459.53	-77.37	-10.50	7.18	1.43	1.36	2.99	
1,558.00	9.40	200.96	1,553.32	-91.12	-16.65	12.74	1.22	0.55	-6.84	
1,653.00	10.68	198.06	1,646.87	-106.74	-22.16	17.57	1.45	1.35	-3.05	
1,747.00	11.38	201.31	1,739.13	-123.66	-28.23	22.92	1.00	0.74	3.46	
1,841.00	11.12	200.96	1,831.32	-140.76	-34.84	28.79	0.29	-0.28	-0.37	
1,874.00	11.21	201.05	1,863.70	-146.73	-37.13	30.82	0.28	0.27	0.27	
1,968.00	10.68	197.18	1,955.99	-163.58	-42.99	35.95	0.96	-0.56	-4.12	
2,063.00	11.29	199.20	2,049.25	-180.77	-48.64	40.87	0.76	0.64	2.13	
2,157.00	11.78	199.82	2,141.35	-198.49	-54.92	46.39	0.54	0.52	0.66	
2,251.00	11.60	199.38	2,233.40	-216.43	-61.31	52.00	0.21	-0.19	-0.47	
2,346.00	10.81	197.36	2,326.59	-233.94	-67.14	57.08	0.93	-0.83	-2.13	
2,441.00	10.59	196.57	2,419.94	-250.81	-72.29	61.50	0.28	-0.23	-0.83	
2,535.00	10.28	195.60	2,512.38	-267.17	-77.01	65.52	0.38	-0.33	-1.03	
2,630.00	10.28	194.11	2,605.86	-283.56	-81.35	69.16	0.28	0.00	-1.57	
2,725.00	9.89	196.04	2,699.39	-299.62	-85.67	72.79	0.54	-0.41	2.03	
2,819.00	9.18	197.27	2,792.09	-314.54	-90.13	76.60	0.79	-0.76	1.31	
2,914.00	8.39	197.97	2,885.98	-328.37	-94.52	80.40	0.84	-0.83	0.74	
3,009.00	6.99	199.99	2,980.12	-340.39	-98.63	83.99	1.50	-1.47	2.13	
3,103.00	6.28	200.52	3,073.49	-350.58	-102.39	87.31	0.76	-0.76	0.56	
3,198.00	5.99	200.79	3,167.95	-360.08	-105.97	90.48	0.31	-0.31	0.28	
3,292.00	5.49	202.54	3,261.47	-368.82	-109.44	93.57	0.56	-0.53	1.86	
3,359.00	5.19	202.81	3,328.18	-374.57	-111.84	95.72	0.45	-0.45	0.40	
3,490.00	4.88	204.21	3,458.68	-385.12	-116.42	99.85	0.25	-0.24	1.07	
3,584.00	6.81	192.70	3,552.19	-394.20	-119.29	102.33	2.39	2.05	-12.24	
3,679.00	8.48	190.94	3,646.34	-406.58	-121.85	104.36	1.77	1.76	-1.85	
3,774.00	10.50	190.15	3,740.04	-421.98	-124.71	106.56	2.13	2.13	-0.83	
3,868.00	12.88	192.79	3,832.08	-440.63	-128.54	109.59	2.59	2.53	2.81	
3,963.00	14.11	191.12	3,924.46	-462.31	-133.12	113.23	1.36	1.29	-1.76	
4,058.00	17.49	190.50	4,015.85	-487.72	-137.95	116.98	3.56	3.56	-0.65	
4,152.00	16.79	188.30	4,105.68	-515.04	-142.49	120.34	1.01	-0.74	-2.34	
4,247.00	17.58	187.95	4,196.44	-542.83	-146.45	123.11	0.84	0.83	-0.37	
4,341.00	16.22	187.87	4,286.38	-569.90	-150.21	125.71	1.45	-1.45	-0.09	
4,435.00	16.30	189.18	4,376.62	-595.92	-154.11	128.50	0.40	0.09	1.39	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,530.00	16.79	193.31	4,467.69	-622.44	-159.40	132.65	1.34	0.52	4.35
4,624.00	18.19	194.11	4,557.34	-649.88	-166.10	138.17	1.51	1.49	0.85
4,718.00	16.00	193.84	4,647.18	-676.69	-172.78	143.70	2.33	-2.33	-0.29
4,813.00	16.79	189.97	4,738.32	-702.92	-178.29	148.08	1.42	0.83	-4.07
4,876.00	16.70	187.69	4,798.65	-720.85	-181.07	150.09	1.05	-0.14	-3.62
4,939.00	15.21	187.87	4,859.22	-738.01	-183.42	151.70	2.37	-2.37	0.29
5,002.00	13.71	186.90	4,920.22	-753.61	-185.45	153.06	2.41	-2.38	-1.54
5,065.00	12.30	186.81	4,981.60	-767.68	-187.14	154.15	2.24	-2.24	-0.14
5,128.00	11.69	187.07	5,043.23	-780.68	-188.72	155.18	0.97	-0.97	0.41
5,191.00	11.12	186.81	5,104.98	-793.05	-190.23	156.15	0.91	-0.90	-0.41
5,254.00	10.59	186.20	5,166.86	-804.84	-191.57	156.99	0.86	-0.84	-0.97
5,317.00	10.11	186.90	5,228.83	-816.08	-192.86	157.80	0.79	-0.76	1.11
5,380.00	9.49	187.25	5,290.91	-826.72	-194.18	158.66	0.99	-0.98	0.56
5,443.00	9.18	187.51	5,353.08	-836.86	-195.49	159.54	0.50	-0.49	0.41
5,506.00	9.01	186.72	5,415.28	-846.74	-196.73	160.35	0.33	-0.27	-1.25
5,569.00	8.48	185.14	5,477.55	-856.26	-197.72	160.94	0.92	-0.84	-2.51
5,632.00	7.78	185.76	5,539.92	-865.13	-198.56	161.40	1.12	-1.11	0.98
5,695.00	7.60	185.40	5,602.35	-873.52	-199.38	161.86	0.30	-0.29	-0.57
5,758.00	6.99	187.87	5,664.84	-881.47	-200.30	162.44	1.09	-0.97	3.92
5,821.00	6.68	190.24	5,727.39	-888.87	-201.48	163.30	0.67	-0.49	3.76
5,884.00	6.28	190.06	5,789.99	-895.87	-202.73	164.25	0.64	-0.63	-0.29
5,947.00	5.90	192.79	5,852.64	-902.42	-204.05	165.29	0.76	-0.60	4.33
6,010.00	5.58	194.11	5,915.32	-908.55	-205.51	166.49	0.55	-0.51	2.10
6,073.00	5.32	194.81	5,978.04	-914.34	-207.01	167.73	0.43	-0.41	1.11
6,136.00	4.79	195.07	6,040.79	-919.71	-208.44	168.93	0.84	-0.84	0.41
6,198.00	4.48	195.51	6,102.59	-924.54	-209.76	170.04	0.50	-0.50	0.71
6,302.00	3.81	191.58	6,206.32	-931.84	-211.54	171.51	0.70	-0.64	-3.78
6,397.00	9.25	204.72	6,300.67	-941.87	-215.37	174.91	5.90	5.73	13.83
6,491.00	15.99	236.93	6,392.45	-955.83	-229.41	188.34	10.11	7.17	34.27
6,586.00	25.99	245.51	6,481.05	-971.65	-259.40	217.63	10.99	10.53	9.03
6,681.00	34.01	253.59	6,563.29	-987.81	-303.92	261.41	9.44	8.44	8.51
6,775.00	42.47	259.89	6,637.08	-1,000.84	-360.50	317.39	9.90	9.00	6.70
6,870.00	49.47	264.57	6,703.09	-1,009.90	-428.12	384.56	8.17	7.37	4.93
6,965.00	55.66	266.33	6,760.81	-1,015.83	-503.28	459.40	6.68	6.52	1.85
7,059.00	62.83	266.92	6,808.85	-1,020.57	-583.87	539.71	7.65	7.63	0.63
7,154.00	68.13	267.93	6,848.26	-1,024.43	-670.18	625.78	5.66	5.58	1.06
7,249.00	76.23	268.41	6,877.31	-1,027.31	-760.50	715.89	8.54	8.53	0.51
7,344.00	83.66	267.81	6,893.88	-1,030.40	-853.93	809.10	7.85	7.82	-0.63
7,369.00	85.28	267.66	6,896.29	-1,031.38	-878.79	833.90	6.52	6.49	-0.59
Actual POE @ 7369' MD									
7,438.00	89.76	267.26	6,899.28	-1,034.44	-947.64	902.55	6.52	6.49	-0.58
7,533.00	89.93	267.33	6,899.53	-1,038.92	-1,042.53	997.17	0.19	0.18	0.07
7,628.00	91.01	268.19	6,898.75	-1,042.63	-1,137.46	1,091.85	1.45	1.14	0.91
7,723.00	90.27	267.61	6,897.69	-1,046.11	-1,232.38	1,186.54	0.99	-0.78	-0.61

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
7,818.00	89.46	268.11	6,897.92	-1,049.66	-1,327.32	1,281.23	1.00	-0.85	0.53
7,912.00	90.61	268.53	6,897.86	-1,052.42	-1,421.27	1,374.99	1.30	1.22	0.45
8,007.00	91.04	271.21	6,896.49	-1,052.63	-1,516.26	1,469.87	2.86	0.45	2.82
8,102.00	90.34	272.24	6,895.35	-1,049.77	-1,611.20	1,564.86	1.31	-0.74	1.08
8,196.00	89.80	272.89	6,895.23	-1,045.57	-1,705.11	1,658.86	0.90	-0.57	0.69
8,291.00	89.02	272.07	6,896.21	-1,041.46	-1,800.01	1,753.85	1.19	-0.82	-0.86
8,386.00	89.53	272.32	6,897.41	-1,037.82	-1,894.94	1,848.84	0.60	0.54	0.26
8,481.00	90.54	272.41	6,897.35	-1,033.90	-1,989.85	1,943.84	1.07	1.06	0.09
8,576.00	90.24	274.54	6,896.71	-1,028.14	-2,084.67	2,038.82	2.26	-0.32	2.24
8,670.00	89.43	274.21	6,896.98	-1,020.97	-2,178.40	2,132.76	0.93	-0.86	-0.35
8,765.00	90.81	274.09	6,896.78	-1,014.09	-2,273.14	2,227.72	1.46	1.45	-0.13
8,859.00	89.90	273.90	6,896.20	-1,007.55	-2,366.91	2,321.68	0.99	-0.97	-0.20
8,953.00	91.45	272.92	6,895.09	-1,001.95	-2,460.74	2,415.66	1.95	1.65	-1.04
9,048.00	90.61	272.60	6,893.38	-997.38	-2,555.61	2,510.64	0.95	-0.88	-0.34
9,142.00	89.83	272.02	6,893.02	-993.59	-2,649.53	2,604.64	1.03	-0.83	-0.62
9,237.00	89.87	272.14	6,893.27	-990.14	-2,744.47	2,699.63	0.13	0.04	0.13
9,331.00	89.83	271.01	6,893.52	-987.56	-2,838.43	2,793.62	1.20	-0.04	-1.20
9,425.00	91.38	272.11	6,892.52	-985.00	-2,932.39	2,887.60	2.02	1.65	1.17
9,520.00	90.57	273.64	6,890.91	-980.24	-3,027.25	2,982.58	1.82	-0.85	1.61
9,614.00	90.40	273.69	6,890.11	-974.23	-3,121.05	3,076.56	0.19	-0.18	0.05
9,709.00	90.44	273.14	6,889.41	-968.57	-3,215.88	3,171.54	0.58	0.04	-0.58
9,804.00	89.97	273.03	6,889.07	-963.46	-3,310.74	3,266.53	0.51	-0.49	-0.12
9,898.00	89.70	272.36	6,889.35	-959.04	-3,404.64	3,360.53	0.77	-0.29	-0.71
9,993.00	89.36	272.27	6,890.12	-955.20	-3,499.56	3,455.53	0.37	-0.36	-0.09
10,087.00	90.17	272.85	6,890.51	-951.00	-3,593.46	3,549.52	1.06	0.86	0.62
10,182.00	89.87	272.51	6,890.48	-946.56	-3,688.36	3,644.52	0.48	-0.32	-0.36
10,277.00	89.83	272.54	6,890.73	-942.38	-3,783.27	3,739.52	0.05	-0.04	0.03
10,371.00	89.33	271.69	6,891.41	-938.91	-3,877.20	3,833.52	1.05	-0.53	-0.90
10,466.00	88.75	271.34	6,893.01	-936.39	-3,972.15	3,928.49	0.71	-0.61	-0.37
10,560.00	88.82	272.96	6,895.00	-932.87	-4,066.06	4,022.47	1.72	0.07	1.72
10,655.00	90.44	274.30	6,895.61	-926.85	-4,160.86	4,117.44	2.21	1.71	1.41
10,749.00	90.00	274.00	6,895.25	-920.05	-4,254.62	4,211.40	0.57	-0.47	-0.32
10,844.00	91.11	273.50	6,894.33	-913.84	-4,349.41	4,306.37	1.28	1.17	-0.53
10,938.00	90.77	273.41	6,892.79	-908.18	-4,443.22	4,400.34	0.37	-0.36	-0.10
11,033.00	90.13	273.00	6,892.04	-902.86	-4,538.07	4,495.33	0.80	-0.67	-0.43
11,128.00	90.10	272.63	6,891.85	-898.20	-4,632.95	4,590.32	0.39	-0.03	-0.39
11,222.00	89.60	272.99	6,892.10	-893.59	-4,726.84	4,684.32	0.66	-0.53	0.38
11,317.00	88.75	272.41	6,893.47	-889.12	-4,821.72	4,779.31	1.08	-0.89	-0.61
11,412.00	89.97	272.10	6,894.53	-885.38	-4,916.64	4,874.30	1.33	1.28	-0.33
11,506.00	89.56	272.02	6,894.91	-882.00	-5,010.58	4,968.30	0.44	-0.44	-0.09
11,601.00	89.16	271.70	6,895.97	-878.92	-5,105.52	5,063.29	0.54	-0.42	-0.34
11,695.00	88.48	271.57	6,897.91	-876.23	-5,199.47	5,157.26	0.74	-0.72	-0.14
11,789.00	89.90	270.75	6,899.24	-874.33	-5,293.43	5,251.22	1.74	1.51	-0.87

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,884.00	90.47	270.87	6,898.93	-872.99	-5,388.42	5,346.18	0.61	0.60	0.13	
11,978.00	89.90	270.35	6,898.63	-871.99	-5,482.42	5,440.13	0.82	-0.61	-0.55	
12,073.00	89.53	272.33	6,899.10	-869.77	-5,577.39	5,535.11	2.12	-0.39	2.08	
12,167.00	91.28	273.01	6,898.44	-865.39	-5,671.28	5,629.10	2.00	1.86	0.72	
12,262.00	90.61	272.68	6,896.87	-860.67	-5,766.15	5,724.08	0.79	-0.71	-0.35	
12,356.00	89.70	272.06	6,896.62	-856.79	-5,860.06	5,818.08	1.17	-0.97	-0.66	
12,450.00	90.37	272.92	6,896.56	-852.70	-5,953.97	5,912.08	1.16	0.71	0.91	
12,545.00	90.71	273.90	6,895.66	-847.05	-6,048.80	6,007.06	1.09	0.36	1.03	
12,639.00	91.78	275.05	6,893.62	-839.72	-6,142.49	6,100.98	1.67	1.14	1.22	
12,734.00	91.58	274.63	6,890.84	-831.71	-6,237.11	6,195.85	0.49	-0.21	-0.44	
12,828.00	91.41	274.62	6,888.38	-824.13	-6,330.77	6,289.75	0.18	-0.18	-0.01	
12,923.00	90.00	272.28	6,887.21	-818.42	-6,425.58	6,384.72	2.88	-1.48	-2.46	
13,017.00	89.93	272.55	6,887.27	-814.46	-6,519.50	6,478.72	0.30	-0.07	0.29	
13,112.00	89.60	272.49	6,887.66	-810.28	-6,614.41	6,573.72	0.35	-0.35	-0.06	
13,207.00	89.13	272.15	6,888.71	-806.43	-6,709.32	6,668.72	0.61	-0.49	-0.36	
13,301.00	91.52	272.55	6,888.18	-802.58	-6,803.23	6,762.71	2.58	2.54	0.43	
13,396.00	90.67	272.09	6,886.37	-798.73	-6,898.14	6,857.69	1.02	-0.89	-0.48	
13,490.00	89.93	272.03	6,885.87	-795.35	-6,992.08	6,951.68	0.79	-0.79	-0.06	
13,584.00	88.92	271.93	6,886.82	-792.11	-7,086.01	7,045.68	1.08	-1.07	-0.11	
13,679.00	89.63	271.61	6,888.02	-789.17	-7,180.96	7,140.66	0.82	0.75	-0.34	
13,773.00	90.37	272.62	6,888.02	-785.70	-7,274.89	7,234.66	1.33	0.79	1.07	
13,867.00	90.13	271.92	6,887.61	-781.98	-7,368.82	7,328.65	0.79	-0.26	-0.74	
13,962.00	89.87	271.48	6,887.61	-779.16	-7,463.78	7,423.65	0.54	-0.27	-0.46	
14,057.00	89.43	271.00	6,888.19	-777.11	-7,558.75	7,518.62	0.69	-0.46	-0.51	
14,151.00	90.20	271.87	6,888.49	-774.75	-7,652.72	7,612.61	1.24	0.82	0.93	
14,246.00	91.38	272.22	6,887.18	-771.36	-7,747.65	7,707.59	1.30	1.24	0.37	
14,341.00	91.04	271.62	6,885.18	-768.18	-7,842.57	7,802.57	0.73	-0.36	-0.63	
14,435.00	90.87	271.09	6,883.61	-765.96	-7,936.53	7,896.54	0.59	-0.18	-0.56	
14,530.00	90.64	270.20	6,882.36	-764.89	-8,031.52	7,991.48	0.97	-0.24	-0.94	
14,624.00	90.40	271.56	6,881.51	-763.45	-8,125.50	8,085.44	1.47	-0.26	1.45	
14,719.00	90.91	272.66	6,880.42	-759.95	-8,220.43	8,180.43	1.28	0.54	1.16	
14,813.00	92.46	272.63	6,877.66	-755.61	-8,314.29	8,274.38	1.65	1.65	-0.03	
14,908.00	92.16	272.04	6,873.83	-751.75	-8,409.13	8,369.31	0.70	-0.32	-0.62	
15,002.00	91.41	271.35	6,870.90	-748.97	-8,503.04	8,463.25	1.08	-0.80	-0.73	
15,097.00	91.18	271.29	6,868.75	-746.78	-8,597.99	8,558.21	0.25	-0.24	-0.06	
15,191.00	91.66	272.19	6,866.42	-743.93	-8,691.92	8,652.17	1.08	0.51	0.96	
15,285.00	92.19	273.03	6,863.26	-739.65	-8,785.77	8,746.12	1.06	0.56	0.89	
15,380.00	91.65	272.74	6,860.08	-734.87	-8,880.59	8,841.06	0.65	-0.57	-0.31	
15,474.00	91.11	274.62	6,857.82	-728.84	-8,974.37	8,935.01	2.08	-0.57	2.00	
15,568.00	90.88	274.64	6,856.18	-721.25	-9,068.05	9,028.92	0.25	-0.24	0.02	
15,663.00	90.57	274.66	6,854.98	-713.55	-9,162.73	9,123.85	0.33	-0.33	0.02	
15,758.00	90.34	274.29	6,854.23	-706.14	-9,257.43	9,218.78	0.46	-0.24	-0.39	
15,852.00	89.97	274.22	6,853.97	-699.16	-9,351.17	9,312.74	0.40	-0.39	-0.07	
15,947.00	91.28	273.84	6,852.94	-692.49	-9,445.93	9,407.69	1.44	1.38	-0.40	

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Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
16,041.00	90.81	273.61	6,851.22	-686.38	-9,539.72	9,501.65	0.56	-0.50	-0.24
16,136.00	90.13	272.84	6,850.44	-681.04	-9,634.56	9,596.64	1.08	-0.72	-0.81
16,231.00	89.83	272.55	6,850.48	-676.57	-9,729.46	9,691.64	0.44	-0.32	-0.31
16,325.00	89.43	272.76	6,851.08	-672.22	-9,823.35	9,785.64	0.48	-0.43	0.22
16,420.00	91.01	272.68	6,850.72	-667.71	-9,918.24	9,880.63	1.67	1.66	-0.08
16,515.00	90.81	272.19	6,849.21	-663.67	-10,013.14	9,975.62	0.56	-0.21	-0.52
16,609.00	90.03	272.04	6,848.52	-660.20	-10,107.08	10,069.62	0.84	-0.83	-0.16
16,704.00	89.36	271.51	6,849.03	-657.26	-10,202.03	10,164.61	0.90	-0.71	-0.56
16,798.00	90.84	271.82	6,848.86	-654.53	-10,295.99	10,258.59	1.61	1.57	0.33
16,893.00	90.00	271.69	6,848.17	-651.62	-10,390.94	10,353.58	0.89	-0.88	-0.14
16,987.00	89.63	271.09	6,848.47	-649.34	-10,484.91	10,447.57	0.75	-0.39	-0.64
17,081.00	90.64	270.63	6,848.25	-647.93	-10,578.90	10,541.53	1.18	1.07	-0.49
17,114.29	90.53	270.47	6,847.91	-647.61	-10,612.18	10,574.80	0.57	-0.32	-0.47
Actual FPP @ 17114.29' MD									
17,175.00	90.34	270.19	6,847.44	-647.26	-10,672.89	10,635.47	0.57	-0.32	-0.47
17,238.00	89.87	269.97	6,847.33	-647.17	-10,735.89	10,698.41	0.82	-0.75	-0.35
17,310.00	89.87	269.97	6,847.49	-647.21	-10,807.89	10,770.34	0.00	0.00	0.00
BHL @ 17310' MD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Rosa 614H SHL - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	2,140,917.75	2,838,211.88	36.882844	-107.439701
Rosa 614H BHL - actual wellpath hits target center - Point	0.00	0.00	6,847.49	-647.21	-10,807.89	2,140,225.98	2,827,406.75	36.881061	-107.476656
Rosa 614H Actual FPP - actual wellpath hits target center - Point	0.00	0.00	6,847.91	-647.61	-10,612.18	2,140,226.39	2,827,602.45	36.881060	-107.475986
Rosa 614H PBHL - actual wellpath misses target center by 24.54usft at 17306.11usft MD (6847.48 TVD, -647.20 N, -10804.00 E) - Point	0.00	0.00	6,872.00	-648.38	-10,803.94	2,140,224.82	2,827,410.70	36.881057	-107.476642
Rosa 614H Actual POE - actual wellpath hits target center - Point	0.00	0.00	6,896.29	-1,031.38	-878.79	2,139,882.75	2,837,337.35	36.880011	-107.442706

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 614H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6287+30 @ 6317.00usft (H&P 530)
Site:	Rosa Unit 10	MD Reference:	6287+30 @ 6317.00usft (H&P 530)
Well:	Rosa Unit 614H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
7,369.00	6,896.29	-1,031.38	-878.79	Actual POE @ 7369' MD	
17,114.29	6,847.91	-647.61	-10,612.18	Actual FPP @ 17114.29' MD	
17,310.00	6,847.49	-647.21	-10,807.89	BHL @ 17310' MD	

Checked By: _____

Approved By: _____

Date: _____

Amended

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 614H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31433
Pool Name: BASIN MANCOS	Pool Code: 97232

Section 2 – Well Location										
	Ul or lot no.	Section	Township	Range	Lot Id	Feet from	N/S Line	Feet from	E/W Line	County
SHL:	L	23	31N	6W		1811’	SOUTH	434’	WEST	Rio Arriba
BHL	M	21	31N	6W		1189’	SOUTH	155’	WEST	Rio Arriba

Section 3 – Completion Information

Date T.D. Reached 11/19/23	Total Measured Depth of Well 17,114’ (TD)	Acid Volume (bbls) 1,333	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 11/25/24	Plug-Back Measured Depth 17,202	Completion Fluid Used (bbls) 783,872	Were Logs Ran (Y/N) Yes
Completion Date 11/11/24	Perforations (MD and TVD) 7297’-17056’ (MD)- 6886’-6848’ (TVD)	Completion Proppant Used (lbs) 29,333 lbs	List Type of Logs Ran if applicable: Radial Bond Log, Casing Collars, Gamma Ray/VDL

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 281796	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 282915	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID: 289065	NOI Plugback Action ID (if applicable):
Production Casing Action ID: 291819	Cement Squeeze Action ID (if applicable):
Tubing Action ID: Pending	All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No
Liner 1 Action ID: N/A	Casing was installed prior to Action ID system (Y/N): N

Section 5 – Test Data

Date First Production 11/12/24	Production Method Flowing	Well Status Flowing	Gas – Oil Ratio n/a
Date of Test 11/12/24	Choke Size 20/64	Flowing Tubing Pressure n/a	Casing Pressure 2223
24 hr Oil (bbls) 0	24 hr Gas (MCF) 1218	24 hr Water (bbls) 601	Oil Gravity – API n/a
Disposition of Gas: Sold			

Section 6 – Pits

☐ A temporary pit was used at the well. If so, attach a plat with the location of the temporary pit.

☐ A Closed Loop System was used.

☒ If an on-site burial was used at the well, report the exact location of the on-site burial:
LAT:36.891500 LONG: -107.428568

Section 7 - Operator Signature and Certification

X I hereby certify that the required Water Use Report has been, or will be, submitted for this well’s completion.	
X I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well’s completion.	
X 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.	
Name Etta Trujillo	
Title Regulatory Specialist II	Date 3/2/25

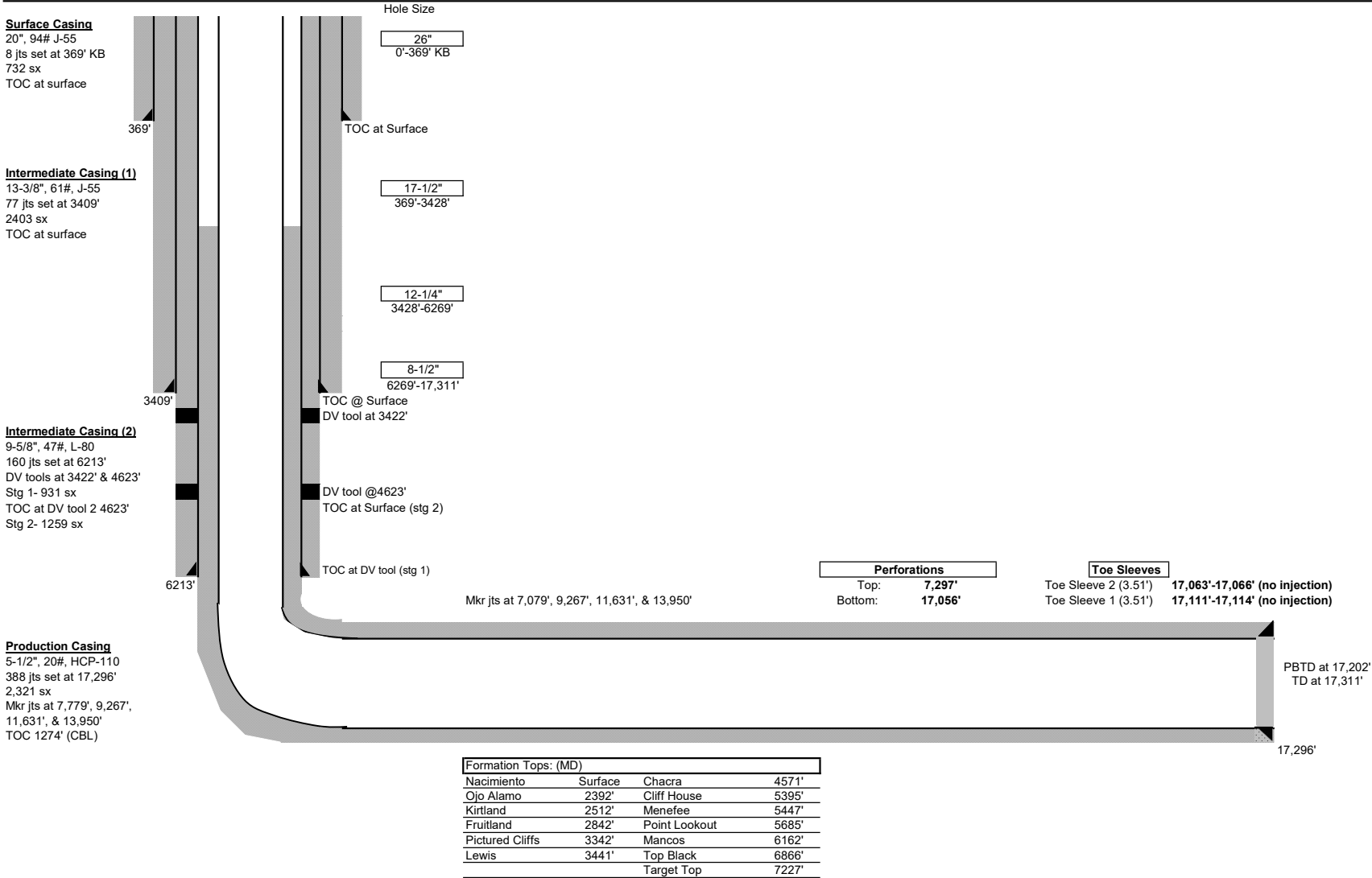
South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2392'	2372'	W
T. Yates				T. Kirtland	2512'	2490'	NA
T. 7 Rivers				T. Fruitland	2842'	2815'	G
T. Queen				T. Pictured Cliffs	3342'	3311'	G
T. Grayburg				T. Lewis Shale	3441'	3410'	G
T. San Andres				T. Chacra	4571'	4507'	G
T. Glorieta				T. Cliff House	5395'	5306'	G
T. Yeso				T. Menefee	5447'	5357'	NA
T. Paddock				T. Point Lookout	5685'	5593'	G
T. Blinebry				T. Mancos	6067'	6162'	G
T.Tubb				T. Gallup			
T. Drinkard				T. Greenhorn			
T. Abo				T. Graneros			
T. Wolfcamp				T. Dakota			
T. Penn				T. Morrison			
T. Cisco				T. Bluff			
T. Canyon				T.Todilto			
T. Strawn				T. Entrada			
T. Atoka				T. Wingate			
T. Morrow				T. Chinle			
T. Barnett Shale				T. Permian			
T. Miss				T. Penn A"			
T. Woodford Shale				T. Penn. "B"			
T. Devonian				T. Penn. "C"			
T. Silurian				T. Penn. "D"			
T. Fusselman				T. Leadville			
T. Montoya				T. Madison			
T. Simpson				T. Elbert			
T. McKee				T. McCracken			
T. Waddell				T. Ignacio Otzte			
T. Connel				T. Granite			
T. Ellenburger				T. Hermosa			
T. Gr. Wash				T. De Chelly			
T. Delaware Sand				T. Pinkerton			
T. Lamar Lime							
T. Bell Canyon							
T. Cherry Canyon							
T. Brushy Canyon							
T. Bone Springs							
T. 1st BS Sand							
T. 2nd BS Carbonate							
T. 2nd BS Sand							
T. 3rd BS Carbonate							
T. 3rd BS Sand							



Well Name: Rosa Unit 614H
Location: SHL - Sec 23, T31N, R06W, 1811' FSL, 434' FWL
County: Rio Arriba
API #: 30-039-31433
Co-ordinates: 36.882844, -107.439701 NAD83
Operator: LOGOS Operating, LLC

Wellbore Schematic
Ground Elevation: 6287'
KB Elevation: 6317'
TD (TVD): 6847'
TD (MD): 17,311'
PBTD: 17,202'

Prepared By: 4/5/2024 Peace
Reviewed/Signed By:
Last Updated: 11/13/2024 Gomez
Spud Date: 10/15/2023
Completion Date: 11/11/2024
Last Workover Date: N/A



Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 23 / NWSW / 36.882844 / -107.439701	County or Parish/State: RIO ARRIBA / NM
Well Number: 614H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931433	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2840115

Type of Submission: Subsequent Report

Date Sundry Submitted: 03/05/2025

Date Operation Actually Began: 08/02/2025

Type of Action: Other

Time Sundry Submitted: 09:50

Actual Procedure: Well Completion Total Completion Fluid Used: 783,872 bbls Total Completion Proppant Used: 29,333k lbs Perforation intervals Top: 7,297' (MD) 6,886' (TVD) Bottom: 17,056' (MD) 6,848 (TVD) Per the approved operations plan, the 2-7/8", 6.5#, J-55, EUE tubing will be run once volumes and pressures decline and could be close to a year after the well is brought online.

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 23 / NWSW / 36.882844 / -107.439701	County or Parish/State: RIO ARRIBA / NM
Well Number: 614H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931433	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: MAR 05, 2025 09:51 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: 03/05/2025
Signature: Kenneth Rennick	

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.

NMSF078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
LOGOS OPERATING LLC

3a. Address 2010 AFTON PLACE, FARMINGTON, NM 87401

3b. Phone No. (include area code)
(505) 278-87207. If Unit of CA/Agreement, Name and/or No.
ROSA UNIT/NMNM78407E8. Well Name and No.
ROSA UNIT/614H

9. API Well No. 3003931433

10. Field and Pool or Exploratory Area
BASIN MANCOS/BASIN MANCOS4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 23/T31N/R6W/NMP11. Country or Parish, State
RIO ARRIBA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ 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 recompleate 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 recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Well Completion

Total Completion Fluid Used: 783,872 bbls

Total Completion Proppant Used: 29,333k lbs

Perforation intervals

Top: 7,297' (MD) 6,886' (TVD)

Bottom: 17,056' (MD) 6,848 (TVD)

Per the approved operations plan, the 2-7/8", 6.5#, J-55, EUE tubing will be run once volumes and pressures decline and could be close to a year after the well is brought online.

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

ETTA TRUJILLO / Ph: (505) 324-4154

Title Regulatory Specialist

Signature (Electronic Submission)

Date 03/05/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Accepted

Title Petroleum Engineer

Date 03/05/2025

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 FARMINGTON

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)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NWSW / 1811 FSL / 434 FWL / TWSP: 31N / RANGE: 6W / SECTION: 23 / LAT: 36.882844 / LONG: -107.439701 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 0 FSL / 0 FEL / TWSP: 31N / RANGE: 6W / SECTION: 21 / LAT: 36.879899 / LONG: -107.442706 (TVD: 0 feet, MD: 0 feet)

PPP: SESE / 741 FSL / 446 FEL / TWSP: 31N / RANGE: 6W / SECTION: 22 / LAT: 36.879899 / LONG: -107.442706 (TVD: 6886 feet, MD: 7297 feet)

BHL: SWSW / 1189 FSL / 155 FWL / TWSP: 31N / RANGE: 6W / SECTION: 21 / LAT: 36.88106 / LONG: -107.476655 (TVD: 6847 feet, MD: 17296 feet)

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Lacey Granillo](#)
Subject: Well Name: ROSA UNIT, Well Number: 614H, Notification of Well Completion Acceptance
Date: Friday, November 29, 2024 1:50:10 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **614H**
- US Well Number: **3003931433**
- Well Completion Report Id: **WCR2024112993827**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.



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

Well Completion Print

11/27/2024

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

Section 1 - General

Well Completion Report Id: 93827**Submission Date:****BLM Office:** Farmington Field Office**User:** LACEY GRANILLO**Title:** REGULATORY SPECIALIST**Federal/Indian:** FEDERAL**Lease Number:** NMSF078766**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:** NMNM78407E**Agreement Name:** ROSA UNIT

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:** 10-16-2023**Date Total Measured Depth Reached:** 11-19-2023**Well Class:** HORIZONTAL

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
NACIMIENTO	SANDSTONE, SHALE		6287	0	0	NONE	
OJO ALAMO	SANDSTONE, SHALE		3949	2338	2357	NONE	
KIRTLAND	SANDSTONE, SHALE		3822	2465	2487	NONE	
FRUITLAND	COAL, SANDSTONE, SHALE		3363	2924	2955	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE, SHALE		2993	3294	3333	NATURAL GAS	
LEWIS	SHALE		2892	3395	3436	NATURAL GAS	
CHACRA	SANDSTONE		1804	4483	4546	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		1004	5283	5362	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		956	5331	5411	NONE	
POINT LOOKOUT	SANDSTONE, SHALE		717	5570	5655	NATURAL GAS	
MANCOS	SANDSTONE, SHALE, SILTSTONE		241	6046	6140	NATURAL GAS	

Completion and Completed

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

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	NMNM78407E	NMSF078766	NEW		PGW	11-11-2024	11-12-2024	MANCOS	7297	17056	Y	.35		OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	783872	29333	

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 (bbbls)	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)

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

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	11/12/2024	24	0	1218	601	0	20/64			2223

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	36.882844	-107.439701	6287	N/A	N/A	FEDERAL	NMSF078766				1811	FSL	434	FWL	31N	6W	23	NWSW
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.880276	-107.440427	43	6340	6244	FEDERAL	NMSF078766				876	FSL	221	FWL	31N	6W	23	NWSW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.879899	-107.442706	6287	0	0	FEDERAL	NMSF078766				0	FSL	0	FEL	31N	6W	21	SESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.879899	-107.442706	-599	7297	6886	FEDERAL	NMSF078766				741	FSL	446	FEL	31N	6W	22	SESE

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

	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
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.88106	-107.475985	-561	17056	6848	FEDERAL	NMSF078766				1189	FSL	351	FWL	31N	6W	21	SWSW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.88106	-107.476655	-560	17296	6847	FEDERAL	NMSF078766				1189	FSL	155	FWL	31N	6W	21	SWSW

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	362	20.0	94	J-55		BUTT		
00	INTERMEDIATE	17.5	0	3409	13.375	61	J-55		BUTT		

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

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	INTERMEDIATE	12.625	0	6212	9.625	43.5	L-80		BUTT		
00	PRODUCTION	8.5	0	17296	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		Type I-II Neat G cement	362	1.15	0					74.1
00	INTERMEDIATE		Class g	1871	1.9	0	Class g	532	1.1		2157.2
00	INTERMEDIATE		Class G	1475	1.1	0	Class g	242	1.58		2157.2
00	PRODUCTION		class g	396	1.73	0	Class g	1925	1.59		667.1

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									

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name ROSA UNIT	Agreement Number(s) NMNM78407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	NO	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:** LACEY GRANILLO**Title:** REGULATORY SPECIALIST**Signed on:** 11/27/2024**Street Address:** 2010 AFTON PLACE**City:** FARMINGTON**State:** NM**Zip:** 87401**Phone:** (505)324-4145**Email address:** LGRANILLO@LOGOSRESOURCESLLC.COM**Field****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Extension:****Email address:****Attachments**

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 614H	US Well Number 3003931433
SHL NWSW Sec 23 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
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Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 10	APD ID 10400087471

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Rosa_Unit_614H_As_Drilled_C_102_Plat_20240903_signed_20241127151255.pdf

Rosa_Unit_614H_As_Completed_Well_Schematic_public_20241127151313.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 455884

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 455884
	Action Type: [C-104] Completion Packet - Tight Hole/Confidential (C-104CT)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
☒	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 455884

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 455884
	Action Type: [C-104] Completion Packet - Tight Hole/Confidential (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	Submit CBL Well Log in OCD Permitting as [UF-WL] EP Well Log Submission.	5/5/2025