

Santa Fe Main Office Phone: (505) 476-3441 Fax: (55) 476-3462 General Information Phone: (505) 629-6116 Online Phone Directory Visit: https://www.emnrd.nm.gov/ocd/contact-us/	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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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 702H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31439
Pool Name: BASIN MANCOS	Pool Code: 97232

Section 2 – Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
J	7	31N	5W		2612' FSL	1322' FEL	36.913961	-107.399257	Rio Arriba

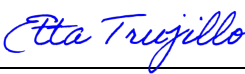
Section 3 – Completion Information

Producing Method Flowing	Ready Date 10/17/2024	Perforations MD 7388' – 17,913'	Perforations TVD 6939' – 6931'
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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): 386919	Communitization Agreement ☒ Yes ☐ No, Order No. NMNM078407E
Surface Casing Action ID: 335995	Unit: ☒ Yes ☐ No, Order No. R-13457
Intermediate 1 Casing Action ID: 365433	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 368573	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 	
Title Regulatory Specialist II	Date 11/19/2024



Request for Confidential "Tight Hole" Status

LOGOS Operating, LLC
Rosa Unit 702H
API# 30-039-31439
J Section 7 T31N R05W
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 10/17/2024 for a period of 90 days following the acceptance of the referenced documents.

Sincerely,

A handwritten signature in blue ink that reads "Etta Trujillo".

Etta Trujillo
Regulatory Specialist II
Email: etrujillo@logosresourcesllc.com
Office: 505-324-4154
Cell: 505-258-2936

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 30-039-31439	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 702H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6295'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL J	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 2612' SOUTH	Feet from E/W Line 1322' EAST	Latitude 36.913961°N	Longitude -107.399257°W	County RIO ARriba
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Bottom Hole Location

UL M	Section 11	Township 31N	Range 6W	Lot	Feet from N/S Line 1070' SOUTH	Feet from E/W Line 1001' WEST	Latitude 36.909831°N	Longitude -107.437805°W	County RIO ARriba
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Dedicated Acres 823.25	Penetrated Spacing Unit: S/2 - Sections 11, 12, T31N, R6W S/2 - Section 7, T31N, R5W	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 O	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 1297' SOUTH	Feet from E/W Line 1342' EAST	Latitude 36.910348°N	Longitude -107.399321°W	County RIO ARriba
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First Take Point (FTP)

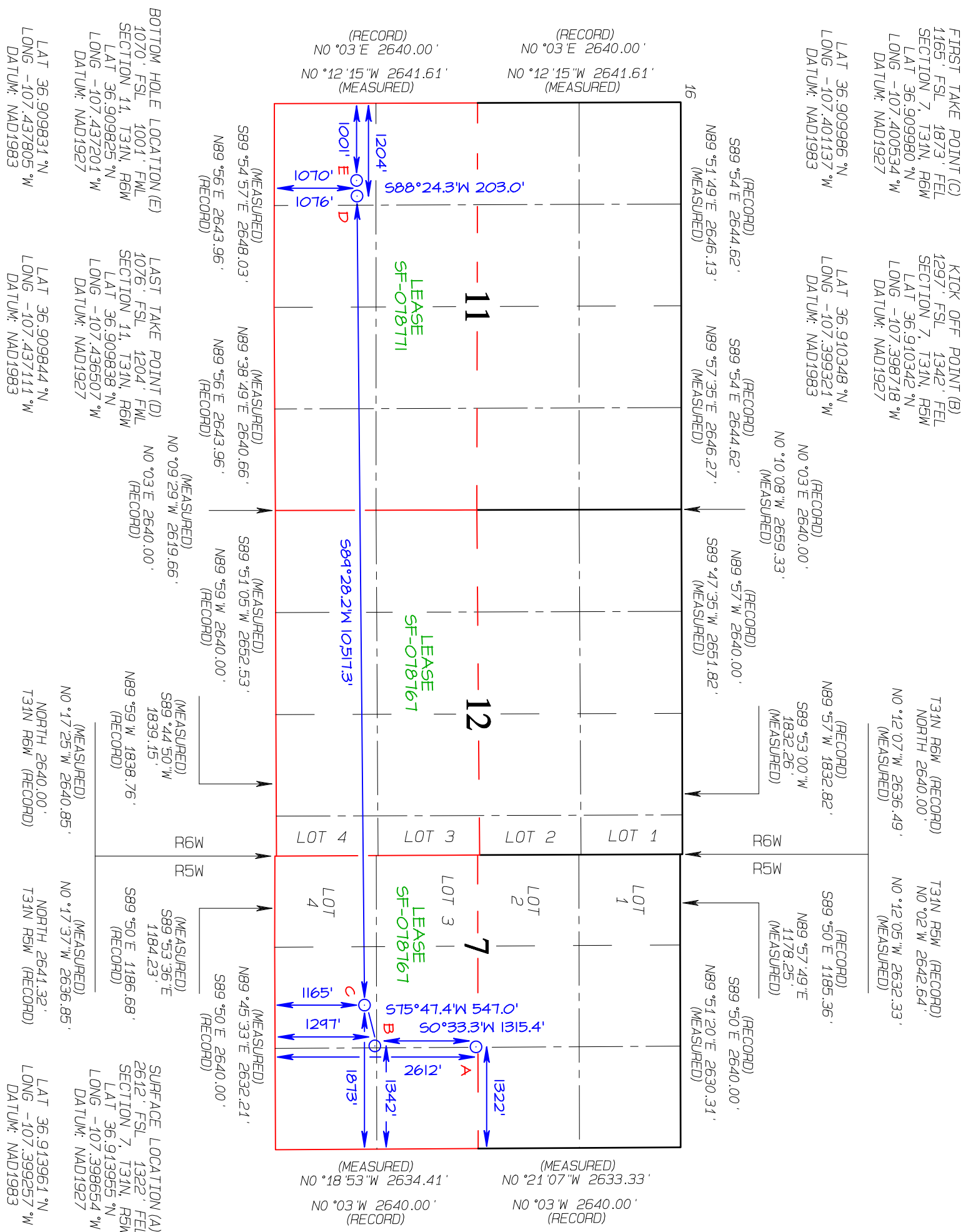
UL O	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 1165' SOUTH	Feet from E/W Line 1873' EAST	Latitude 36.909986°N	Longitude -107.401137°W	County RIO ARriba
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Last Take Point (LTP)

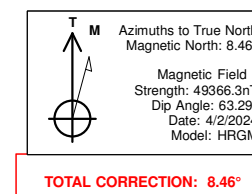
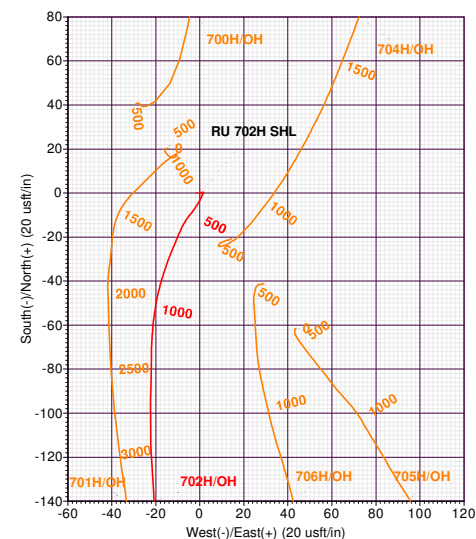
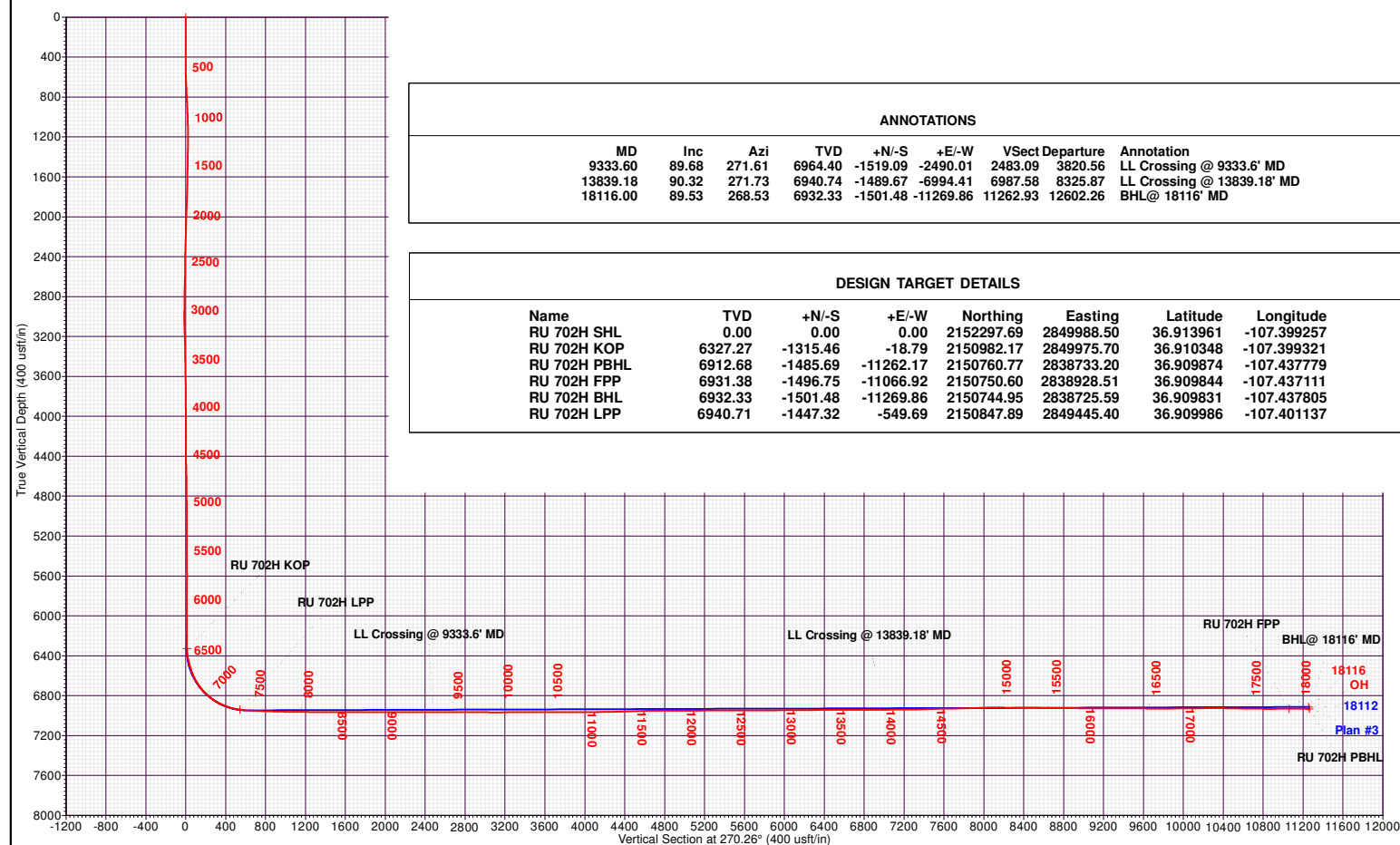
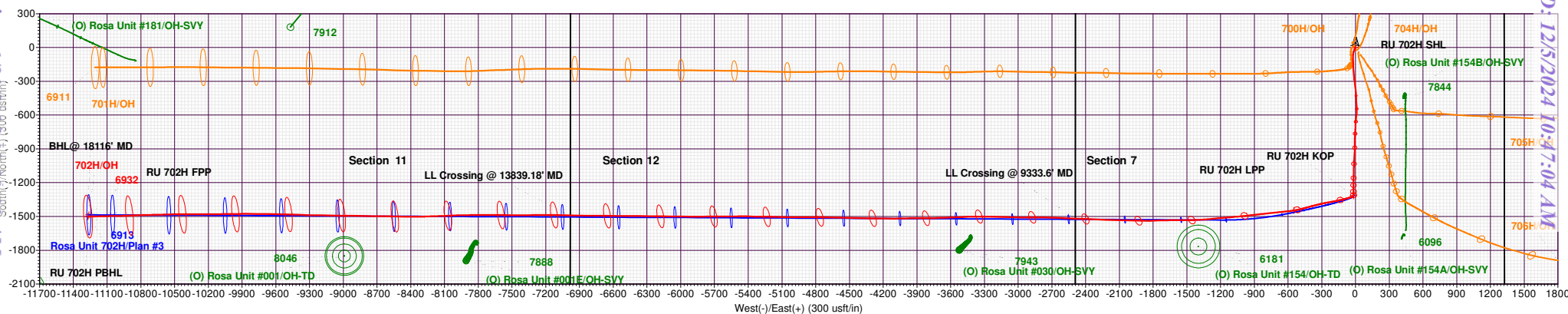
UL M	Section 11	Township 31N	Range 6W	Lot	Feet from N/S Line 1076' SOUTH	Feet from E/W Line 1204' WEST	Latitude 36.909844°N	Longitude -107.437111°W	County RIO ARriba
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Unitized Area or Area of Uniform Interest ROSA UNIT	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation 6265'
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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. Etta Trujillo Signature 8/29/2024 Date Etta Trujillo Printed Name etrujillo@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 NOVEMBER 15, 2021
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County: Rio Arriba, NM (NAD83)
Site: Rosa Unit 24
Well: Rosa Unit 702H
Depth Reference: 6295+30 @ 6325.00usft (H&P 530)
Rig: H&P 530
Plan: OH
Job #: 18356



Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 24

Rosa Unit 702H

OH

Design: OH

Standard Survey Report

15 August, 2024

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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 24				
Site Position:		Northing:	2,152,318.01 usft	Latitude:	36.914017
From:	Lat/Long	Easting:	2,849,973.79 usft	Longitude:	-107.399307
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Rosa Unit 702H					
Well Position	+N/-S	0.00 usft	Northing:	2,152,297.69 usft	Latitude:	36.913961
	+E/-W	0.00 usft	Easting:	2,849,988.50 usft	Longitude:	-107.399257
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,295.00 usft
Grid Convergence:		0.26 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	4/2/2024	8.46	63.29	49,366.30994752

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	270.26	

Survey Program	Date	8/15/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
54.25	308.67	Survey #1 (OH)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
454.00	18,048.00	Survey #2 (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction	
18,116.00	18,116.00	Survey #3 (OH)	A026Ua_BLIND	OWSG BLIND	

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	
54.25	0.24	61.55	54.25	0.05	0.10	-0.10	0.44	0.44	0.00	
130.42	0.30	88.71	130.42	0.13	0.44	-0.44	0.18	0.08	35.66	
219.69	0.32	62.64	219.69	0.25	0.89	-0.89	0.16	0.02	-29.20	
308.67	0.36	71.55	308.67	0.46	1.38	-1.38	0.07	0.04	10.01	
454.00	0.80	206.07	453.99	-0.31	1.37	-1.37	0.75	0.30	92.56	
544.00	3.10	205.96	543.93	-3.06	0.03	-0.04	2.56	2.56	-0.12	
667.00	4.87	218.88	666.63	-10.12	-4.71	4.66	1.60	1.44	10.50	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)
756.00	5.54	203.95	755.27	-16.99	-8.82	8.75	1.69	0.75	-16.78
850.00	7.84	202.30	848.62	-27.07	-13.10	12.98	2.46	2.45	-1.76
942.00	10.07	196.05	939.50	-40.60	-17.70	17.52	2.64	2.42	-6.79
1,033.00	11.54	186.75	1,028.89	-57.29	-20.97	20.71	2.50	1.62	-10.22
1,123.00	12.02	180.51	1,117.00	-75.60	-22.12	21.77	1.51	0.53	-6.93
1,214.00	12.01	181.17	1,206.00	-94.54	-22.39	21.96	0.15	-0.01	0.73
1,309.00	12.95	178.14	1,298.76	-115.06	-22.25	21.73	1.21	0.99	-3.19
1,403.00	12.78	175.14	1,390.40	-135.95	-21.03	20.41	0.73	-0.18	-3.19
1,498.00	13.65	178.38	1,482.89	-157.63	-19.82	19.10	1.20	0.92	3.41
1,592.00	15.61	178.82	1,573.83	-181.36	-19.25	18.42	2.09	2.09	0.47
1,687.00	15.63	175.94	1,665.33	-206.90	-18.08	17.14	0.82	0.02	-3.03
1,876.00	15.56	173.26	1,847.37	-257.48	-13.30	12.13	0.38	-0.04	-1.42
1,970.00	15.70	173.06	1,937.90	-282.62	-10.28	9.00	0.16	0.15	-0.21
2,064.00	15.43	172.54	2,028.45	-307.65	-7.12	5.73	0.32	-0.29	-0.55
2,159.00	15.55	171.75	2,120.00	-332.78	-3.65	2.14	0.26	0.13	-0.83
2,348.00	14.65	176.04	2,302.48	-381.70	1.63	-3.36	0.76	-0.48	2.27
2,443.00	14.40	176.73	2,394.44	-405.47	3.14	-4.98	0.32	-0.26	0.73
2,537.00	14.41	176.94	2,485.48	-428.82	4.43	-6.37	0.06	0.01	0.22
2,632.00	14.34	176.67	2,577.51	-452.37	5.74	-7.79	0.10	-0.07	-0.28
2,727.00	14.38	176.66	2,669.54	-475.89	7.11	-9.27	0.04	0.04	-0.01
2,821.00	14.37	176.86	2,760.60	-499.19	8.43	-10.70	0.05	-0.01	0.21
2,916.00	13.90	176.97	2,852.72	-522.36	9.68	-12.05	0.50	-0.49	0.12
3,011.00	13.19	176.86	2,945.08	-544.58	10.88	-13.35	0.75	-0.75	-0.12
3,105.00	13.11	182.47	3,036.62	-565.94	11.01	-13.57	1.36	-0.09	5.97
3,200.00	14.57	185.86	3,128.86	-588.59	9.32	-11.99	1.76	1.54	3.57
3,294.00	14.66	186.23	3,219.82	-612.18	6.82	-9.60	0.14	0.10	0.39
3,389.00	13.94	185.19	3,311.87	-635.52	4.48	-7.37	0.80	-0.76	-1.09
3,483.00	14.01	184.87	3,403.09	-658.14	2.49	-5.48	0.11	0.07	-0.34
3,578.00	13.47	184.32	3,495.37	-680.63	0.68	-3.77	0.58	-0.57	-0.58
3,672.00	13.88	183.19	3,586.71	-702.80	-0.77	-2.42	0.52	0.44	-1.20
3,767.00	13.46	182.67	3,679.02	-725.22	-1.92	-1.37	0.46	-0.44	-0.55
3,862.00	11.88	182.80	3,771.70	-746.04	-2.91	-0.47	1.66	-1.66	0.14
3,956.00	11.40	182.50	3,863.77	-764.98	-3.79	0.32	0.51	-0.51	-0.32
4,052.00	12.92	183.70	3,957.61	-785.17	-4.90	1.33	1.60	1.58	1.25
4,146.00	14.39	183.76	4,048.95	-807.31	-6.34	2.68	1.56	1.56	0.06
4,241.00	16.39	181.10	4,140.54	-832.50	-7.37	3.59	2.23	2.11	-2.80
4,336.00	17.85	177.74	4,231.33	-860.45	-7.05	3.15	1.86	1.54	-3.54
4,430.00	18.36	179.48	4,320.68	-889.65	-6.35	2.31	0.79	0.54	1.85
4,524.00	19.48	183.14	4,409.60	-920.10	-7.08	2.90	1.74	1.19	3.89
4,619.00	19.81	183.86	4,499.07	-951.98	-9.03	4.71	0.43	0.35	0.76
4,713.00	18.27	183.83	4,587.93	-982.58	-11.08	6.62	1.64	-1.64	-0.03
4,807.00	18.74	182.50	4,677.07	-1,012.36	-12.73	8.13	0.67	0.50	-1.41
4,870.00	18.58	182.20	4,736.75	-1,032.50	-13.55	8.87	0.30	-0.25	-0.48

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)
4,933.00	17.31	182.18	4,796.69	-1,051.90	-14.30	9.52	2.02	-2.02	-0.03
5,027.00	18.10	181.50	4,886.24	-1,080.47	-15.21	10.31	0.87	0.84	-0.72
5,121.00	15.51	181.16	4,976.21	-1,107.64	-15.85	10.82	2.76	-2.76	-0.36
5,216.00	13.34	181.15	5,068.21	-1,131.30	-16.32	11.19	2.28	-2.28	-0.01
5,341.00	11.76	181.48	5,190.22	-1,158.45	-16.94	11.68	1.27	-1.26	0.26
5,436.00	11.26	181.45	5,283.31	-1,177.40	-17.43	12.08	0.53	-0.53	-0.03
5,499.00	10.88	181.41	5,345.14	-1,189.49	-17.73	12.33	0.60	-0.60	-0.06
5,561.00	10.38	180.54	5,406.08	-1,200.93	-17.93	12.48	0.85	-0.81	-1.40
5,624.00	9.98	181.49	5,468.08	-1,212.06	-18.12	12.62	0.69	-0.63	1.51
5,687.00	9.65	180.58	5,530.16	-1,222.80	-18.32	12.77	0.58	-0.52	-1.44
5,750.00	9.19	180.36	5,592.31	-1,233.11	-18.40	12.81	0.73	-0.73	-0.35
5,813.00	8.88	179.40	5,654.53	-1,243.00	-18.38	12.74	0.55	-0.49	-1.52
5,876.00	8.65	179.17	5,716.79	-1,252.60	-18.26	12.58	0.37	-0.37	-0.37
5,939.00	8.33	179.33	5,779.10	-1,261.90	-18.14	12.41	0.51	-0.51	0.25
6,065.00	7.02	179.49	5,903.97	-1,278.73	-17.96	12.16	1.04	-1.04	0.13
6,128.00	6.53	180.85	5,966.53	-1,286.16	-17.98	12.15	0.82	-0.78	2.16
6,191.00	5.94	180.26	6,029.16	-1,293.00	-18.05	12.18	0.94	-0.94	-0.94
6,254.00	5.02	179.38	6,091.87	-1,299.02	-18.04	12.14	1.47	-1.46	-1.40
6,348.00	3.99	176.62	6,185.58	-1,306.40	-17.80	11.87	1.12	-1.10	-2.94
6,410.00	3.41	175.08	6,247.45	-1,310.39	-17.51	11.57	0.95	-0.94	-2.48
6,505.00	4.72	213.03	6,342.22	-1,316.48	-19.40	13.43	3.07	1.38	39.95
6,599.00	12.30	243.07	6,435.16	-1,324.27	-30.46	24.45	9.09	8.06	31.96
6,694.00	18.67	253.13	6,526.68	-1,333.28	-54.06	48.01	7.25	6.71	10.59
6,788.00	26.48	255.47	6,613.41	-1,342.92	-88.80	82.70	8.36	8.31	2.49
6,883.00	34.65	257.35	6,695.14	-1,354.16	-135.73	129.59	8.66	8.60	1.98
6,977.00	46.11	259.00	6,766.63	-1,366.52	-195.26	189.05	12.24	12.19	1.76
7,072.00	52.12	259.70	6,828.79	-1,379.77	-265.81	259.55	6.35	6.33	0.74
7,166.00	64.63	255.65	6,877.99	-1,397.00	-343.79	337.44	13.80	13.31	-4.31
7,261.00	72.27	254.70	6,912.86	-1,419.61	-429.13	422.69	8.10	8.04	-1.00
7,355.00	79.79	257.87	6,935.54	-1,441.18	-517.69	511.14	8.64	8.00	3.37
7,450.00	86.80	265.04	6,946.64	-1,455.14	-610.88	604.27	10.51	7.38	7.55
7,544.00	87.58	263.34	6,951.25	-1,464.64	-704.28	697.62	1.99	0.83	-1.81
7,639.00	87.65	264.21	6,955.21	-1,474.93	-798.63	791.93	0.92	0.07	0.92
7,733.00	88.72	263.60	6,958.18	-1,484.91	-892.05	885.31	1.31	1.14	-0.65
7,828.00	88.82	263.98	6,960.22	-1,495.18	-986.47	979.68	0.41	0.11	0.40
7,922.00	88.52	264.62	6,962.40	-1,504.52	-1,079.98	1,073.14	0.75	-0.32	0.68
8,016.00	89.97	265.93	6,963.64	-1,512.26	-1,173.65	1,166.78	2.08	1.54	1.39
8,111.00	89.09	264.23	6,964.42	-1,520.41	-1,268.29	1,261.38	2.01	-0.93	-1.79
8,205.00	89.53	266.32	6,965.55	-1,528.15	-1,361.96	1,355.01	2.27	0.47	2.22
8,300.00	90.00	269.01	6,965.94	-1,532.02	-1,456.87	1,449.91	2.87	0.49	2.83
8,395.00	90.03	269.38	6,965.92	-1,533.35	-1,551.86	1,544.89	0.39	0.03	0.39
8,489.00	90.30	270.00	6,965.65	-1,533.86	-1,645.86	1,638.88	0.72	0.29	0.66
8,584.00	89.80	268.02	6,965.57	-1,535.50	-1,740.84	1,733.86	2.15	-0.53	-2.08
8,679.00	89.63	268.12	6,966.04	-1,538.70	-1,835.79	1,828.79	0.21	-0.18	0.11

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)
8,773.00	90.40	272.68	6,966.01	-1,538.05	-1,929.76	1,922.76	4.92	0.82	4.85
8,867.00	89.97	271.06	6,965.71	-1,534.98	-2,023.70	2,016.72	1.78	-0.46	-1.72
8,962.00	89.83	271.41	6,965.88	-1,532.93	-2,118.68	2,111.70	0.40	-0.15	0.37
9,056.00	90.57	272.74	6,965.55	-1,529.53	-2,212.62	2,205.65	1.62	0.79	1.41
9,151.00	90.17	271.57	6,964.93	-1,525.96	-2,307.55	2,300.60	1.30	-0.42	-1.23
9,245.00	90.40	272.72	6,964.47	-1,522.44	-2,401.48	2,394.54	1.25	0.24	1.22
9,333.60	89.68	271.61	6,964.40	-1,519.09	-2,490.01	2,483.09	1.49	-0.81	-1.25
LL Crossing @ 9333.6' MD									
9,340.00	89.63	271.53	6,964.44	-1,518.91	-2,496.41	2,489.49	1.49	-0.81	-1.25
9,434.00	90.00	272.99	6,964.74	-1,515.21	-2,590.33	2,583.43	1.60	0.39	1.55
9,529.00	89.53	271.47	6,965.13	-1,511.51	-2,685.26	2,678.37	1.67	-0.49	-1.60
9,624.00	90.54	271.40	6,965.08	-1,509.13	-2,780.23	2,773.35	1.07	1.06	-0.07
9,718.00	89.56	269.85	6,964.99	-1,508.11	-2,874.22	2,867.34	1.95	-1.04	-1.65
9,813.00	89.50	270.28	6,965.77	-1,508.00	-2,969.21	2,962.34	0.46	-0.06	0.45
9,907.00	89.63	271.12	6,966.49	-1,506.85	-3,063.20	3,056.33	0.90	0.14	0.89
10,002.00	89.93	272.25	6,966.85	-1,504.06	-3,158.16	3,151.30	1.23	0.32	1.19
10,096.00	90.74	270.86	6,966.30	-1,501.51	-3,252.12	3,245.27	1.71	0.86	-1.48
10,191.00	90.57	269.19	6,965.22	-1,501.47	-3,347.11	3,340.26	1.77	-0.18	-1.76
10,285.00	89.97	268.24	6,964.77	-1,503.57	-3,441.08	3,434.23	1.20	-0.64	-1.01
10,380.00	90.10	268.06	6,964.72	-1,506.64	-3,536.04	3,529.16	0.23	0.14	-0.19
10,475.00	89.83	267.62	6,964.77	-1,510.22	-3,630.97	3,624.08	0.54	-0.28	-0.46
10,569.00	89.90	267.60	6,964.99	-1,514.14	-3,724.89	3,717.98	0.08	0.07	-0.02
10,663.00	90.44	270.32	6,964.72	-1,515.85	-3,818.86	3,811.94	2.95	0.57	2.89
10,758.00	90.00	269.58	6,964.35	-1,515.93	-3,913.86	3,906.94	0.91	-0.46	-0.78
10,852.00	89.66	268.98	6,964.63	-1,517.11	-4,007.85	4,000.92	0.73	-0.36	-0.64
10,947.00	89.70	269.19	6,965.16	-1,518.63	-4,102.84	4,095.90	0.23	0.04	0.22
11,041.00	91.85	271.24	6,963.89	-1,518.28	-4,196.82	4,189.88	3.16	2.29	2.18
11,136.00	91.75	270.82	6,960.91	-1,516.57	-4,291.75	4,284.83	0.45	-0.11	-0.44
11,230.00	91.24	270.10	6,958.45	-1,515.81	-4,385.72	4,378.79	0.94	-0.54	-0.77
11,324.00	91.92	272.15	6,955.86	-1,513.97	-4,479.66	4,472.74	2.30	0.72	2.18
11,419.00	91.88	272.17	6,952.71	-1,510.39	-4,574.54	4,567.64	0.05	-0.04	0.02
11,513.00	90.54	271.07	6,950.73	-1,507.74	-4,668.48	4,661.59	1.84	-1.43	-1.17
11,607.00	89.70	269.42	6,950.53	-1,507.33	-4,762.47	4,755.58	1.97	-0.89	-1.76
11,702.00	90.44	270.89	6,950.41	-1,507.08	-4,857.47	4,850.58	1.73	0.78	1.55
11,796.00	90.27	270.50	6,949.83	-1,505.94	-4,951.46	4,944.57	0.45	-0.18	-0.41
11,891.00	89.90	269.64	6,949.69	-1,505.82	-5,046.46	5,039.57	0.99	-0.39	-0.91
11,985.00	90.50	271.23	6,949.36	-1,505.11	-5,140.45	5,133.57	1.81	0.64	1.69
12,080.00	90.14	270.63	6,948.83	-1,503.56	-5,235.44	5,228.56	0.74	-0.38	-0.63
12,174.00	90.71	272.26	6,948.13	-1,501.19	-5,329.40	5,322.53	1.84	0.61	1.73
12,268.00	90.50	270.38	6,947.14	-1,499.03	-5,423.37	5,416.51	2.01	-0.22	-2.00
12,363.00	89.97	269.23	6,946.75	-1,499.35	-5,518.36	5,511.50	1.33	-0.56	-1.21
12,457.00	90.10	269.67	6,946.69	-1,500.25	-5,612.36	5,605.49	0.49	0.14	0.47
12,552.00	89.93	269.90	6,946.67	-1,500.61	-5,707.36	5,700.49	0.30	-0.18	0.24

SDT Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)
12,647.00	90.10	269.74	6,946.64	-1,500.91	-5,802.36	5,795.49	0.25	0.18	-0.17
12,741.00	90.13	269.74	6,946.46	-1,501.34	-5,896.36	5,889.48	0.03	0.03	0.00
12,836.00	90.64	271.11	6,945.82	-1,500.63	-5,991.35	5,984.48	1.54	0.54	1.44
12,930.00	90.10	270.22	6,945.21	-1,499.54	-6,085.34	6,078.47	1.11	-0.57	-0.95
13,025.00	90.54	270.51	6,944.68	-1,498.94	-6,180.34	6,173.47	0.55	0.46	0.31
13,119.00	90.81	271.47	6,943.57	-1,497.31	-6,274.31	6,267.45	1.06	0.29	1.02
13,214.00	90.30	270.03	6,942.65	-1,496.07	-6,369.30	6,362.44	1.61	-0.54	-1.52
13,309.00	90.13	269.84	6,942.30	-1,496.18	-6,464.30	6,457.44	0.27	-0.18	-0.20
13,403.00	90.40	270.79	6,941.86	-1,495.66	-6,558.29	6,551.44	1.05	0.29	1.01
13,498.00	90.44	270.71	6,941.16	-1,494.42	-6,653.28	6,646.43	0.09	0.04	-0.08
13,593.00	89.70	269.83	6,941.05	-1,493.97	-6,748.28	6,741.43	1.21	-0.78	-0.93
13,687.00	90.34	271.62	6,941.02	-1,492.78	-6,842.27	6,835.42	2.02	0.68	1.90
13,781.00	89.87	270.68	6,940.84	-1,490.89	-6,936.25	6,929.41	1.12	-0.50	-1.00
13,839.18	90.32	271.73	6,940.74	-1,489.67	-6,994.41	6,987.58	1.96	0.78	1.80
LL Crossing @ 13839.18' MD									
13,876.00	90.61	272.39	6,940.44	-1,488.35	-7,031.21	7,024.38	1.96	0.78	1.80
13,970.00	90.84	270.02	6,939.26	-1,486.37	-7,125.17	7,118.36	2.53	0.24	-2.52
14,065.00	90.34	269.06	6,938.28	-1,487.13	-7,220.16	7,213.34	1.14	-0.53	-1.01
14,160.00	90.81	269.93	6,937.32	-1,487.97	-7,315.15	7,308.33	1.04	0.49	0.92
14,254.00	90.91	269.62	6,935.91	-1,488.34	-7,409.14	7,402.31	0.35	0.11	-0.33
14,349.00	91.31	270.31	6,934.07	-1,488.40	-7,504.12	7,497.29	0.84	0.42	0.73
14,443.00	91.41	271.30	6,931.84	-1,487.08	-7,598.09	7,591.26	1.06	0.11	1.05
14,538.00	91.41	268.66	6,929.50	-1,487.11	-7,693.05	7,686.22	2.78	0.00	-2.78
14,633.00	92.39	270.41	6,926.35	-1,487.88	-7,787.99	7,781.16	2.11	1.03	1.84
14,727.00	92.15	269.36	6,922.63	-1,488.07	-7,881.92	7,875.08	1.14	-0.26	-1.12
14,821.00	90.77	268.45	6,920.24	-1,489.87	-7,975.86	7,969.02	1.76	-1.47	-0.97
14,916.00	89.80	266.97	6,919.76	-1,493.66	-8,070.78	8,063.92	1.86	-1.02	-1.56
15,010.00	90.00	268.63	6,919.93	-1,497.27	-8,164.71	8,157.83	1.78	0.21	1.77
15,104.00	89.70	267.63	6,920.17	-1,500.34	-8,258.66	8,251.77	1.11	-0.32	-1.06
15,199.00	89.83	270.62	6,920.56	-1,501.79	-8,353.64	8,346.74	3.15	0.14	3.15
15,293.00	89.29	269.82	6,921.28	-1,501.43	-8,447.63	8,440.73	1.03	-0.57	-0.85
15,387.00	89.60	271.08	6,922.19	-1,500.69	-8,541.62	8,534.72	1.38	0.33	1.34
15,482.00	89.53	270.91	6,922.92	-1,499.04	-8,636.61	8,629.71	0.19	-0.07	-0.18
15,576.00	89.73	271.48	6,923.52	-1,497.08	-8,730.58	8,723.70	0.64	0.21	0.61
15,671.00	89.43	271.04	6,924.22	-1,494.99	-8,825.56	8,818.68	0.56	-0.32	-0.46
15,765.00	89.18	270.97	6,925.36	-1,493.34	-8,919.54	8,912.67	0.28	-0.27	-0.07
15,860.00	88.59	269.99	6,927.21	-1,492.55	-9,014.51	9,007.65	1.20	-0.62	-1.03
15,954.00	90.10	270.97	6,928.28	-1,491.76	-9,108.50	9,101.64	1.91	1.61	1.04
16,049.00	90.10	270.83	6,928.12	-1,490.27	-9,203.49	9,196.63	0.15	0.00	-0.15
16,143.00	90.44	271.70	6,927.67	-1,488.19	-9,297.46	9,290.61	0.99	0.36	0.93
16,237.00	90.44	271.95	6,926.95	-1,485.20	-9,391.41	9,384.58	0.27	0.00	0.27
16,332.00	89.53	270.99	6,926.98	-1,482.76	-9,486.38	9,479.55	1.39	-0.96	-1.01
16,426.00	89.36	271.74	6,927.89	-1,480.52	-9,580.35	9,573.53	0.82	-0.18	0.80
16,521.00	89.63	270.38	6,928.72	-1,478.76	-9,675.32	9,668.51	1.46	0.28	-1.43

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)
16,615.00	90.30	271.70	6,928.78	-1,477.06	-9,769.31	9,762.50	1.57	0.71	1.40
16,709.00	90.03	269.15	6,928.51	-1,476.36	-9,863.30	9,856.49	2.73	-0.29	-2.71
16,804.00	90.44	269.63	6,928.12	-1,477.37	-9,958.29	9,951.48	0.66	0.43	0.51
16,898.00	90.24	268.46	6,927.56	-1,478.94	-10,052.27	10,045.46	1.26	-0.21	-1.24
16,992.00	90.71	270.20	6,926.78	-1,480.04	-10,146.26	10,139.44	1.92	0.50	1.85
17,086.00	90.87	269.86	6,925.49	-1,479.99	-10,240.25	10,233.43	0.40	0.17	-0.36
17,181.00	89.50	270.11	6,925.18	-1,480.01	-10,335.25	10,328.42	1.47	-1.44	0.26
17,275.00	89.23	269.70	6,926.22	-1,480.17	-10,429.24	10,422.42	0.52	-0.29	-0.44
17,370.00	88.45	268.91	6,928.15	-1,481.32	-10,524.21	10,517.38	1.17	-0.82	-0.83
17,464.00	88.55	267.99	6,930.61	-1,483.86	-10,618.14	10,611.30	0.98	0.11	-0.98
17,558.00	90.20	269.32	6,931.63	-1,486.07	-10,712.11	10,705.25	2.25	1.76	1.41
17,653.00	89.39	267.81	6,931.97	-1,488.45	-10,807.07	10,800.21	1.80	-0.85	-1.59
17,747.00	90.13	267.28	6,932.37	-1,492.47	-10,900.99	10,894.10	0.97	0.79	-0.56
17,841.00	90.54	269.06	6,931.82	-1,495.48	-10,994.93	10,988.03	1.94	0.44	1.89
17,936.00	90.03	268.87	6,931.34	-1,497.19	-11,089.92	11,083.01	0.57	-0.54	-0.20
18,048.00	89.53	268.53	6,931.77	-1,499.73	-11,201.89	11,194.96	0.54	-0.45	-0.30
18,116.00	89.53	268.53	6,932.33	-1,501.48	-11,269.86	11,262.93	0.00	0.00	0.00
BHL@ 18116' MD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
RU 702H SHL	0.00	0.00	0.00	0.00	0.00	2,152,297.69	2,849,988.50	36.913961	-107.399257
- actual wellpath hits target center									
- Point									
RU 702H KOP	0.00	0.00	6,327.27	-1,315.46	-18.79	2,150,982.16	2,849,975.70	36.910348	-107.399322
- actual wellpath hits target center									
- Point									
RU 702H PBHL	0.00	0.00	6,912.68	-1,485.69	-11,262.17	2,150,760.77	2,838,733.21	36.909874	-107.437779
- actual wellpath misses target center by 25.03usft at 18107.75usft MD (6932.26 TVD, -1501.27 N, -11261.61 E)									
- Point									
RU 702H FPP	0.00	0.00	6,931.38	-1,496.75	-11,066.92	2,150,750.60	2,838,928.51	36.909844	-107.437111
- actual wellpath hits target center									
- Point									
RU 702H BHL	0.00	0.00	6,932.33	-1,501.48	-11,269.86	2,150,744.95	2,838,725.59	36.909831	-107.437805
- actual wellpath hits target center									
- Point									
RU 702H LPP	0.00	0.00	6,940.71	-1,447.32	-549.69	2,150,847.88	2,849,445.40	36.909986	-107.401137
- actual wellpath misses target center by 0.02usft at 7387.98usft MD (6940.70 TVD, -1447.32 N, -549.67 E)									
- Point									

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 702H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6295+30 @ 6325.00usft (H&P 530)
Site:	Rosa Unit 24	MD Reference:	6295+30 @ 6325.00usft (H&P 530)
Well:	Rosa Unit 702H	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)		
9,333.60	6,964.40	-1,519.09	-2,490.01	LL Crossing @ 9333.6' MD	
13,839.18	6,940.74	-1,489.67	-6,994.41	LL Crossing @ 13839.18' MD	
18,116.00	6,932.33	-1,501.48	-11,269.86	BHL@ 18116' MD	

Checked By: _____

Approved By: _____

Date: _____

District I
1625 N. French Drive, Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First Street, Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Drive, Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to
Appropriate District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

☐ AMENDED REPORT

17 OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and 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 such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

18 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.

Date Revised: SEPTEMBER 28, 2022
Survey Date: NOVEMBER 15, 2021

Signature and Seal of Professional Surveyor



JASON C. EDWARDS
Certificate Number 15269

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code 97232	³ Pool Name BASIN MANCOS
⁴ Property Code 320608	⁵ Property Name ROSA UNIT	⁶ Well Number 702H
⁷ GRID No. 289408	⁸ Operator Name LOGOS OPERATING, LLC	⁹ Elevation 6295'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	7	31N	5W		2612	SOUTH	1322	EAST	RIO ARriba

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	11	31N	6W		1174	SOUTH	1136	WEST	RIO ARriba

¹² Dedicated Acres 823.25	S/2 - Sections 11, 12, T31N, R6W S/2 - Section 7, T31N, R5W	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	--	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

LAST TAKE POINT
1174' FSL 1136' FWL
SECTION 11, T31N, R6W
LAT: 36.910108°N
LONG: 107.436739°W
DATUM: NAD1927

FIRST TAKE POINT
1151' FSL 1957' FEL
SECTION 7, T31N, R5W
LAT: 36.909942°N
LONG: 107.400821°W
DATUM: NAD1927

SURFACE LOCATION
2612' FSL 1322' FEL
SECTION 7, T31N, R5W
LAT: 36.913955°N
LONG: 107.398654°W
DATUM: NAD1927

LAT: 36.910114°N
LONG: 107.437343°W
DATUM: NAD1983

LAT: 36.909948°N
LONG: 107.401424°W
DATUM: NAD1983

LAT: 36.913961°N
LONG: 107.399257°W
DATUM: NAD1983

T31N R6W (RECORD)
NORTH 2640.00'
NO *12°07'W 2636.49'
(MEASURED)

T31N R5W (RECORD)
NO *02°W 2642.64'
NO *12°05'W 2632.33'
(MEASURED)

(RECORD)
N89°57'W 1832.82'
S89°53°00'W
1832.26'
(MEASURED)

(RECORD)
S89°50'E 1185.36'
N89°57°49'E
1178.25'
(MEASURED)

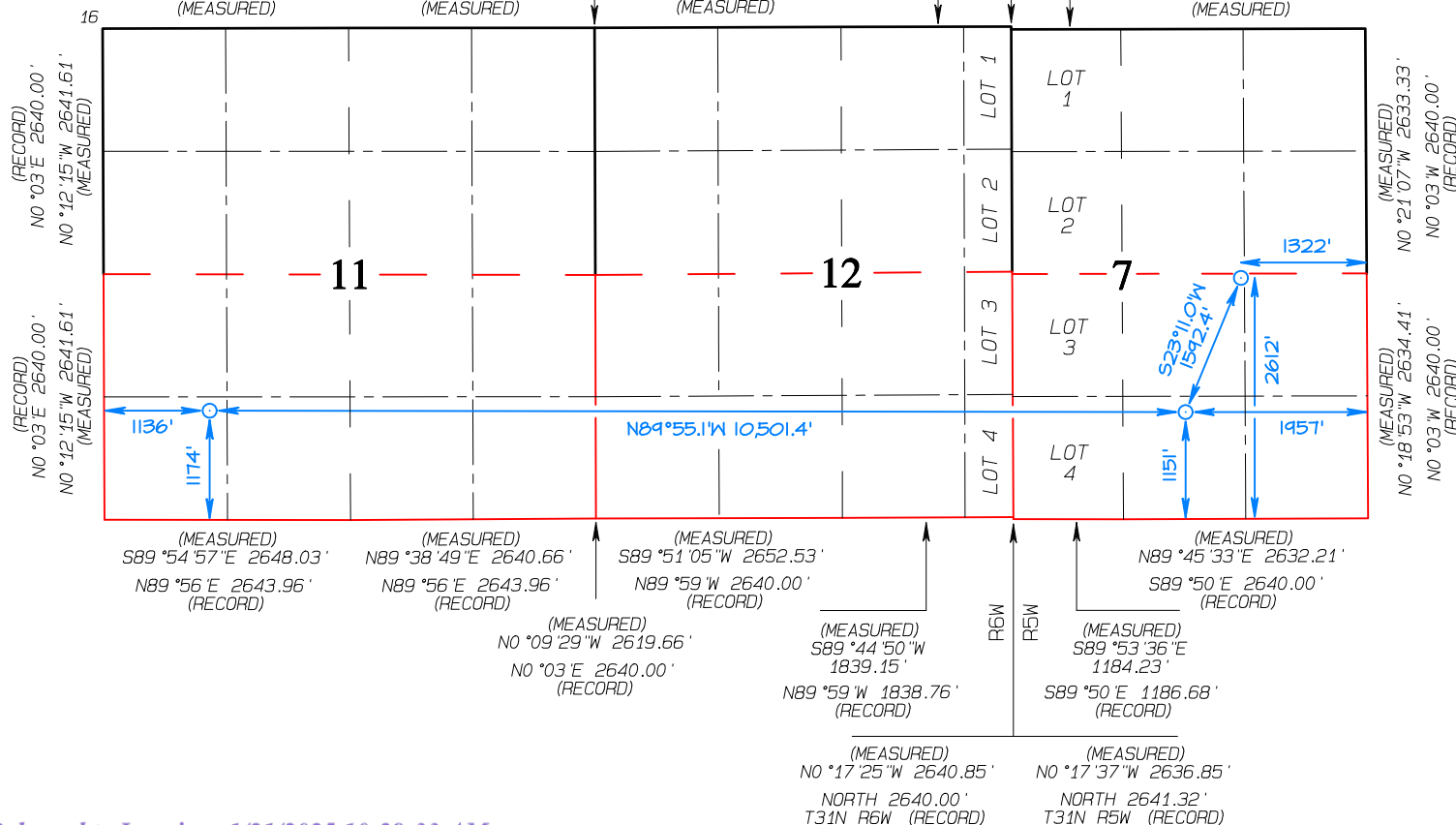
(RECORD)
NO *03°E 2640.00'
NO *10°08'W 2659.33'
(MEASURED)

(RECORD)
S89°54'E 2644.62'
N89°51°49'E 2646.13'
(MEASURED)

(RECORD)
S89°54'E 2644.62'
N89°57°35'E 2646.27'
(MEASURED)

(RECORD)
N89°57'W 2640.00'
S89°47°35'W 2651.82'
(MEASURED)

(RECORD)
S89°50'E 2640.00'
N89°51°20'E 2630.31'
(MEASURED)



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 702H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31439
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:	J	7	31N	5W		2612’	South	1322’	East	Rio Arriba
BHL	M	11	31N	6W		1070’	South	1001’	West	Rio Arriba

Section 3 – Completion Information

Date T.D. Reached 7/9/2024	Total Measured Depth of Well 18,116’ (TD)	Acid Volume (bbls) 1404 bbls	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 7/14/2024	Plug-Back Measured Depth 18,002’	Completion Fluid Used (bbls) 654,890 bbls	Were Logs Ran (Y/N) Y
Completion Date 10/2/2024	Perforations (MD and TVD) 7388’ – 17,913’ (MD) / 6939’ – 6931’ (TVD)	Completion Proppant Used (lbs) 23,828k	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: 335995	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 365433	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID: N/A	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 368573	Cement Squeeze Action ID (if applicable): N/A
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 10/17/2024	Production Method Flowing	Well Status Flowing	Gas – Oil Ratio N/A
Date of Test 10/17/2024	Choke Size 22/64	Flowing Tubing Pressure N/A	Casing Pressure 2197
24 hr Oil (bbls) 0	24 hr Gas (MCF) 1879 mcf	24 hr Water (bbls) 243 bbls	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:36.913593 LONG: -107.397846

Section 7 - 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>Eta Trujillo</i>	
Title Regulatory Specialist II	Date 11/19/2024

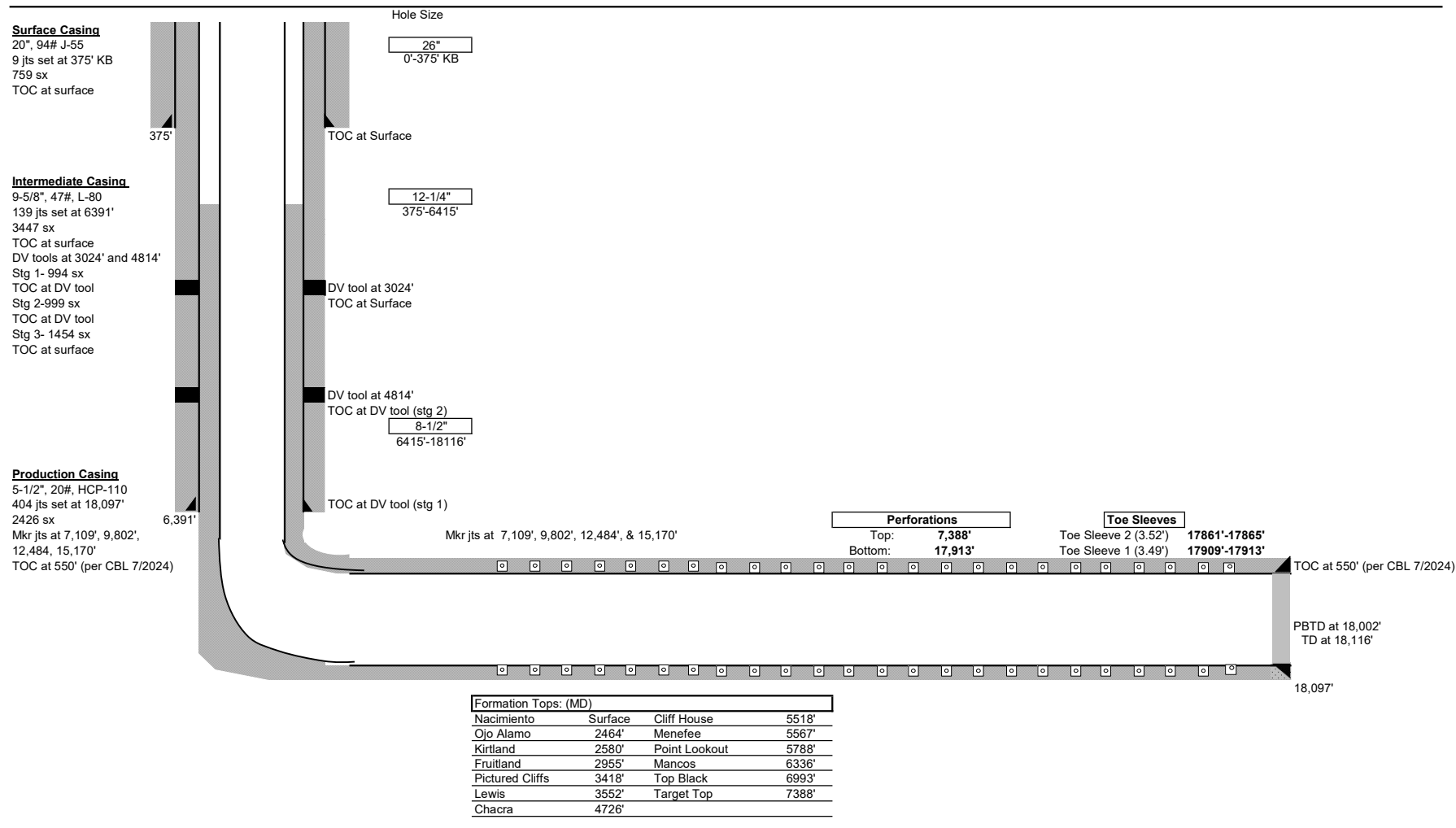
South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2464'	2415'	
T. Yates				T. Kirtland	2580'	2527'	
T. 7 Rivers				T. Fruitland	2955'	2891'	
T. Queen				T. Pictured Cliffs	3418'	3340'	
T. Grayburg				T. Lewis Shale	3552'	3470'	
T. San Andres				T. Chacra	4726'	4600'	
T. Glorieta				T. Cliff House	5518'	5364'	
T. Yeso				T. Menefee	5567'	5412'	
T. Paddock				T. Point Lookout	5788'	5630'	
T. Blinebry				T. Mancos	6336'	6173'	
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 702H
 Location: SHL - Sec 7, T31N, R05W, 2612' FSL, 1322' FEL
 County: Rio Arriba
 API #: 30-039-31439
 Co-ordinates: 36.913955, -107.398654 NAD83
 Operator: LOGOS Operating, LLC

Wellbore Schematic
 Ground Elevation: 6295'
 KB Elevation: 6325'
 TD (TVD): 6,932'
 TD (MD): 18,116'
 PBTD: 18,002'

Prepared By: 7/15/2024 Peace
 Reviewed By:
 Last Updated: 11/13/2024 Gomez
 Spud Date: 4/11/2024
 Completion Date: 10/2/2024
 Last Workover Date: N/A



Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / NWSE / 36.913961 / -107.399257	County or Parish/State: RIO ARRIBA / NM
Well Number: 702H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078767	Unit or CA Name:	Unit or CA Number: NMNM078407E
US Well Number: 300393143900S1	Operator: LOGOS OPERATING LLC	

Notification

Sundry ID:	2824551	Type of Action:	First Production
Type of Submission:	Notification		
Date Sundry Submitted:	Nov 26, 2024	Time Sundry Submitted:	8:42:24 AM
First Production Date:	Oct 17, 2024		
US Well Number:	3003931439	Wellbore Code	Completion Code
First Production Remarks:	First delivery date: 10/17/2024 TP: 0 CP: 2197 Initial MCF: 1879 MCF	00	S1
Disposition:	Accepted		
Accepted Date:	11/26/2024		

From: blm-afmss-notifications@blm.gov
To: [Etta Trujillo](#)
Subject: Well Name: ROSA UNIT, Well Number: 702H, Notification of Well Completion Acceptance
Date: Monday, November 18, 2024 9:43:19 AM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **702H**
- US Well Number: **3003931439**
- Well Completion Report Id: **WCR2024111893689**

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

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 405306

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 405306
	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.

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

CONDITIONS

Action 405306

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 405306
	Action Type: [C-104] Completion Packet - Tight Hole/Confidential (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report and 3160-5 Completion Sundry within 10 days of BLM approval.	1/21/2025