

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 705H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31438
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
I	7	31N	5W		2551' FSL	1279' FEL	36.913792	-107.399109	Rio Arriba

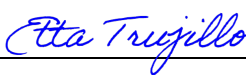
Section 3 – Completion Information

Producing Method Flowing	Ready Date 10/17/2024	Perforations MD 7272' – 20,622'	Perforations TVD 6940' – 6955'
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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): 386922	Communitization Agreement ☒ Yes ☐ No, Order No. NMNM078407E
Surface Casing Action ID: 336024	Unit: ☒ Yes ☐ No, Order No. R-13457
Intermediate 1 Casing Action ID: 366086	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 375427	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 705H
API# 30-039-31438
I 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,



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 30-039-31438	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 705H
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 I	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 2551' SOUTH	Feet from E/W Line 1279' EAST	Latitude 36.913792 °N	Longitude -107.399109 °W	County RIO ARRIBA
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Bottom Hole Location

UL J	Section 10	Township 31N	Range 5W	Lot	Feet from N/S Line 1964' SOUTH	Feet from E/W Line 2598' EAST	Latitude 36.912161 °N	Longitude -107.349514 °W	County RIO ARRIBA
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Dedicated Acres 1191.90	Penetrated Spacing Unit: S/2 - Sections 7, 8, 9 & 10	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 I	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 2057' SOUTH	Feet from E/W Line 977' EAST	Latitude 36.912434 °N	Longitude -107.398075 °W	County RIO ARRIBA
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First Take Point (FTP)

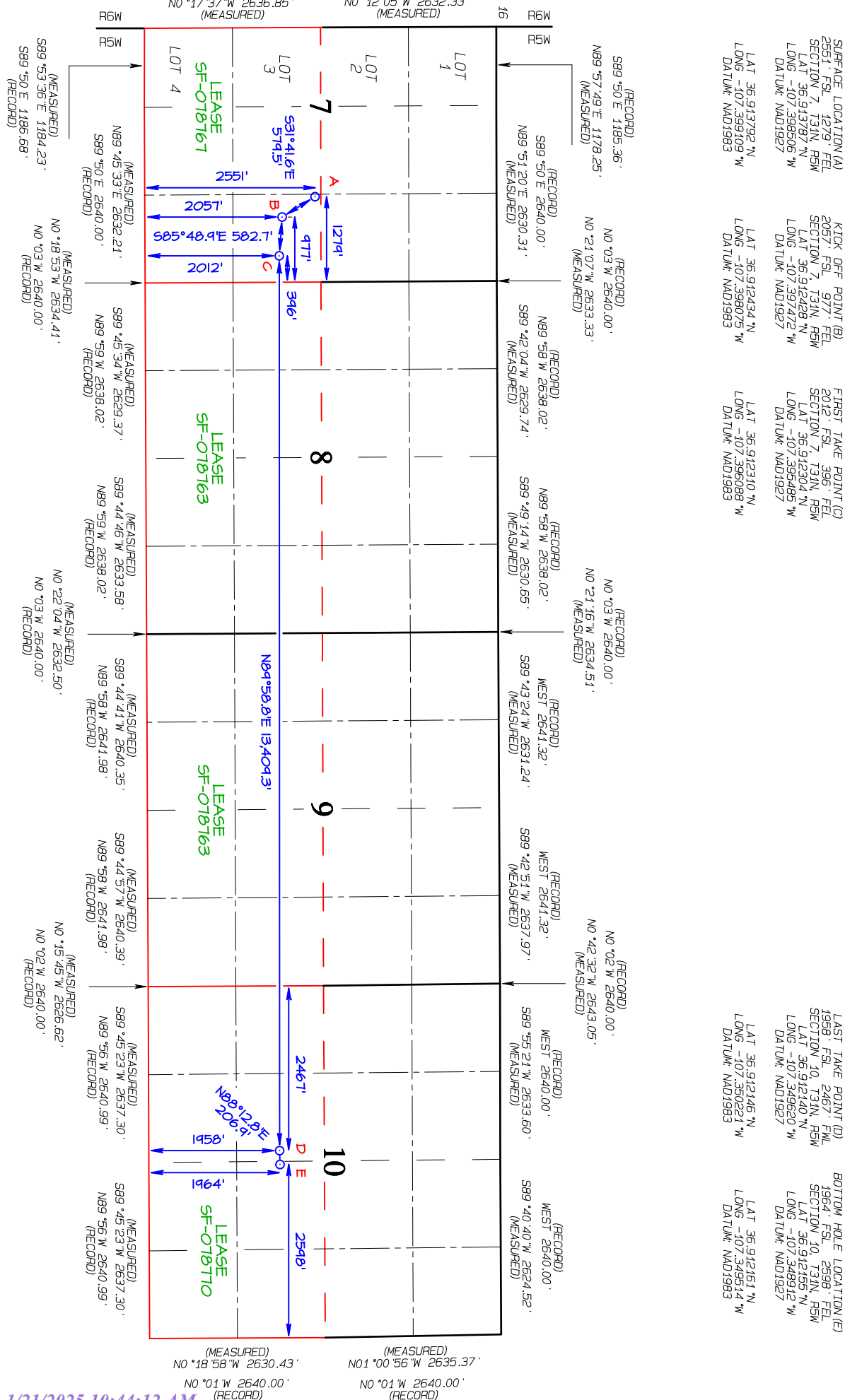
UL I	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 2012' SOUTH	Feet from E/W Line 396' EAST	Latitude 36.912310 °N	Longitude -107.396088 °W	County RIO ARRIBA
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Last Take Point (LTP)

UL K	Section 10	Township 31N	Range 5W	Lot	Feet from N/S Line 1958' SOUTH	Feet from E/W Line 2467' WEST	Latitude 36.912146 °N	Longitude -107.350221 °W	County RIO ARRIBA
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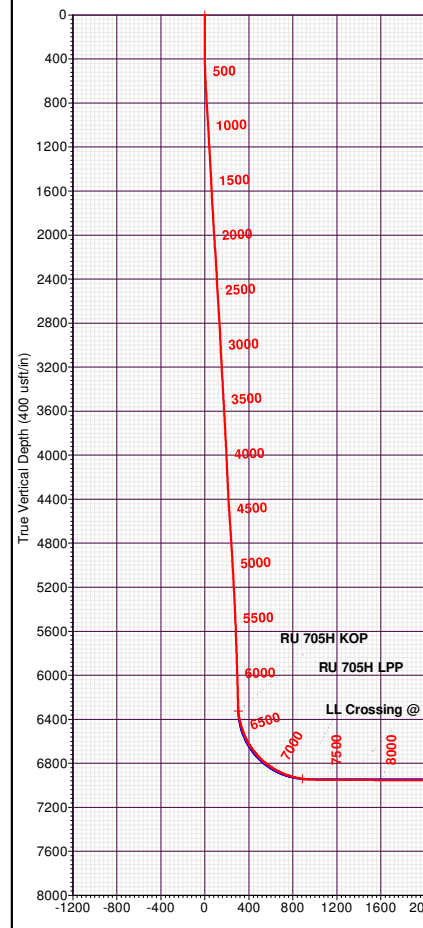
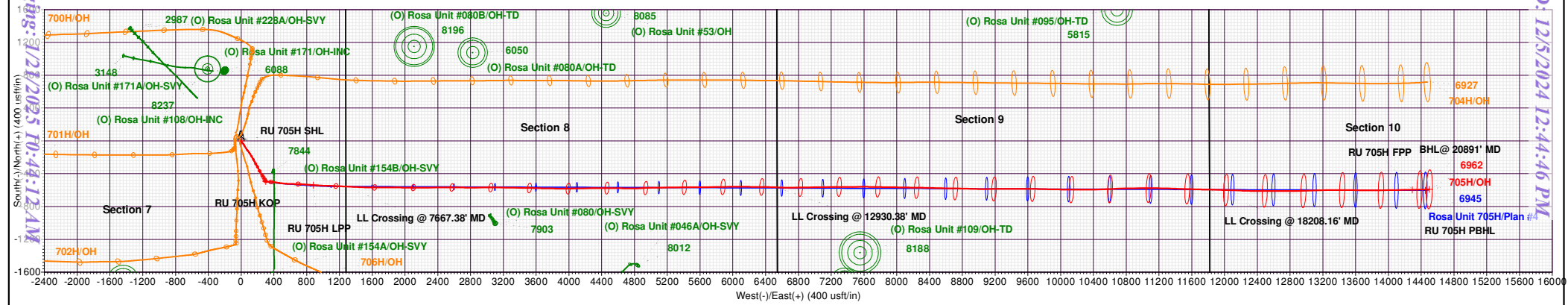
Unitized Area or Area of Uniform Interest ROSA UNIT	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation 6265'
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OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge 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 9/10/2024 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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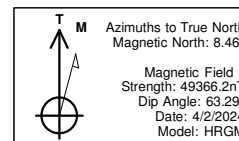


County: Rio Arriba, NM (NAD83)
Site: Rosa Unit 24
Well: Rosa Unit 705H
Depth Reference: 6295+30 @ 6325.00usft (H&P 530)
Rig: H&P 530
Plan: OH
Job #: 18357

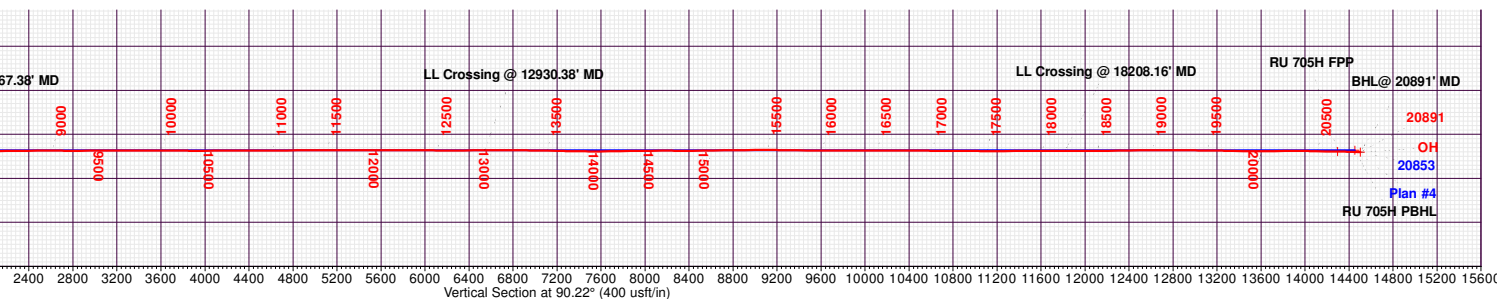
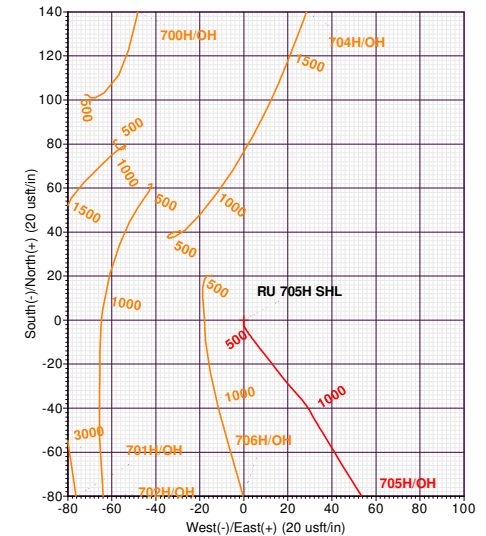


ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	V Sect	Departure	Annotation	
7667.38	89.56	92.57	6951.51	-555.92	1278.78	1280.91	1561.53	LL Crossing @ 7667.38' MD	
12930.38	90.19	92.47	6945.51	-566.62	6540.77	6542.90	6824.37	LL Crossing @ 12930.38' MD	
18208.16	89.99	91.30	6951.44	-594.88	11817.20	11819.40	12101.88	LL Crossing @ 18208.16' MD	
20891.00	88.45	88.43	6961.61	-590.09	14499.22	14501.38	14784.47	BHL@ 20891' MD	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
RU 705H SHL	0.00	0.00	0.00	2152236.36	2850032.05	36.913792	-107.399109
RU 705H KOP	6325.39	-494.27	302.23	2151743.48	2850336.52	36.912434	-107.398075
RU 705H LPP	6940.27	-539.44	883.21	2151700.96	2850917.70	36.912310	-107.396088
RU 705H PBHL	6945.00	-603.16	14450.63	2151698.99	2864485.27	36.912125	-107.349680
RU 705H FPP	6956.62	-595.60	14292.36	2151705.83	2864326.97	36.912146	-107.350221
RU 705H BHL	6961.61	-590.09	14499.22	2151712.28	2864533.80	36.912161	-107.349514



TOTAL CORRECTION: 8.46°



Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 24

Rosa Unit 705H

OH

Design: OH

Standard Survey Report

15 August, 2024

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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 705H					
Well Position	+N/-S	0.00 usft	Northing:	2,152,236.36 usft	Latitude:	36.913792
	+E/-W	0.00 usft	Easting:	2,850,032.05 usft	Longitude:	-107.399109
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	49,366.24321367

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	90.22	

Survey Program	Date	7/30/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
20.93	292.93	Survey #1 (OH)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
365.00	20,821.00	Survey #2 (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction	
20,891.00	20,891.00	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	
20.93	0.29	192.65	20.93	-0.05	-0.01	-0.01	1.39	1.39	0.00	
117.41	0.24	197.20	117.41	-0.48	-0.12	-0.12	0.06	-0.05	4.72	
206.68	0.25	171.30	206.68	-0.85	-0.15	-0.15	0.12	0.01	-29.01	
292.93	0.47	171.85	292.93	-1.39	-0.07	-0.07	0.26	0.26	0.64	
365.00	0.45	201.89	364.99	-1.95	-0.14	-0.13	0.33	-0.03	41.68	
451.00	2.23	149.59	450.97	-3.70	0.59	0.60	2.31	2.07	-60.81	
540.00	4.45	143.25	539.81	-7.96	3.53	3.56	2.52	2.49	-7.12	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)
665.00	5.12	141.16	664.38	-16.19	9.93	9.99	0.55	0.54	-1.67
753.00	5.26	143.06	752.02	-22.47	14.81	14.90	0.25	0.16	2.16
847.00	5.25	138.94	845.62	-29.16	20.23	20.34	0.40	-0.01	-4.38
939.00	5.40	138.90	937.22	-35.60	25.84	25.98	0.16	0.16	-0.04
1,030.00	5.87	151.19	1,027.79	-42.90	30.90	31.06	1.42	0.52	13.51
1,120.00	6.56	147.76	1,117.26	-51.28	35.86	36.05	0.87	0.77	-3.81
1,211.00	6.26	149.94	1,207.69	-59.97	41.12	41.35	0.42	-0.33	2.40
1,306.00	5.94	148.14	1,302.15	-68.63	46.30	46.57	0.39	-0.34	-1.89
1,400.00	5.88	147.56	1,395.65	-76.83	51.45	51.75	0.09	-0.06	-0.62
1,495.00	5.18	147.55	1,490.21	-84.55	56.37	56.69	0.74	-0.74	-0.01
1,589.00	4.90	149.94	1,583.85	-91.61	60.65	61.01	0.37	-0.30	2.54
1,684.00	5.44	147.80	1,678.46	-98.93	65.09	65.47	0.60	0.57	-2.25
1,779.00	5.89	143.28	1,772.99	-106.65	70.40	70.81	0.67	0.47	-4.76
1,873.00	5.74	142.66	1,866.51	-114.25	76.13	76.57	0.17	-0.16	-0.66
1,967.00	5.40	137.46	1,960.07	-121.25	81.98	82.44	0.65	-0.36	-5.53
2,062.00	5.85	142.83	2,054.61	-128.40	87.92	88.42	0.73	0.47	5.65
2,156.00	5.98	143.07	2,148.11	-136.13	93.76	94.28	0.14	0.14	0.26
2,251.00	6.15	142.75	2,242.58	-144.14	99.81	100.37	0.18	0.18	-0.34
2,345.00	6.31	147.83	2,336.02	-152.52	105.61	106.20	0.61	0.17	5.40
2,440.00	6.22	150.82	2,430.46	-161.43	110.90	111.52	0.36	-0.09	3.15
2,535.00	6.26	149.96	2,524.89	-170.41	116.00	116.66	0.11	0.04	-0.91
2,629.00	6.16	149.35	2,618.34	-179.18	121.14	121.83	0.13	-0.11	-0.65
2,724.00	6.11	148.32	2,712.80	-187.87	126.39	127.11	0.13	-0.05	-1.08
2,818.00	6.04	147.82	2,806.27	-196.31	131.65	132.41	0.09	-0.07	-0.53
2,913.00	5.97	145.53	2,900.75	-204.62	137.11	137.90	0.26	-0.07	-2.41
3,008.00	5.40	151.18	2,995.28	-212.60	142.06	142.88	0.84	-0.60	5.95
3,102.00	5.79	149.92	3,088.83	-220.58	146.57	147.42	0.43	0.41	-1.34
3,197.00	5.95	147.18	3,183.34	-228.87	151.64	152.52	0.34	0.17	-2.88
3,291.00	6.84	154.11	3,276.75	-238.00	156.73	157.64	1.25	0.95	7.37
3,386.00	7.09	154.15	3,371.05	-248.36	161.75	162.71	0.26	0.26	0.04
3,480.00	7.59	152.99	3,464.28	-259.12	167.10	168.10	0.55	0.53	-1.23
3,575.00	6.91	152.50	3,558.52	-269.77	172.59	173.63	0.72	-0.72	-0.52
3,670.00	6.31	151.40	3,652.89	-279.43	177.73	178.80	0.65	-0.63	-1.16
3,764.00	5.23	147.20	3,746.41	-287.56	182.52	183.63	1.23	-1.15	-4.47
3,859.00	5.09	143.71	3,841.03	-294.60	187.36	188.49	0.36	-0.15	-3.67
3,954.00	5.46	146.63	3,935.62	-301.77	192.34	193.50	0.48	0.39	3.07
4,049.00	5.46	153.30	4,030.19	-309.58	196.86	198.05	0.67	0.00	7.02
4,143.00	4.94	151.78	4,123.81	-317.15	200.78	202.00	0.57	-0.55	-1.62
4,238.00	5.84	152.41	4,218.39	-325.03	204.96	206.20	0.95	0.95	0.66
4,333.00	6.91	154.73	4,312.80	-334.48	209.63	210.92	1.16	1.13	2.44
4,427.00	6.95	152.83	4,406.11	-344.66	214.64	215.97	0.25	0.04	-2.02
4,522.00	7.02	151.71	4,500.41	-354.88	220.02	221.38	0.16	0.07	-1.18
4,616.00	8.55	153.98	4,593.54	-366.22	225.81	227.21	1.66	1.63	2.41

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)
4,710.00	8.38	152.39	4,686.51	-378.57	232.05	233.50	0.31	-0.18	-1.69
4,899.00	6.25	146.35	4,873.97	-399.34	244.13	245.66	1.20	-1.13	-3.20
4,962.00	5.36	143.65	4,936.64	-404.57	247.78	249.33	1.48	-1.41	-4.29
5,024.00	5.85	147.44	4,998.35	-409.56	251.19	252.77	0.99	0.79	6.11
5,150.00	5.36	146.37	5,123.74	-419.87	257.91	259.52	0.40	-0.39	-0.85
5,213.00	5.55	149.35	5,186.46	-424.94	261.09	262.72	0.54	0.30	4.73
5,276.00	5.32	148.06	5,249.18	-430.04	264.19	265.84	0.41	-0.37	-2.05
5,339.00	5.11	148.76	5,311.91	-434.92	267.19	268.86	0.35	-0.33	1.11
5,401.00	5.23	146.67	5,373.66	-439.64	270.18	271.86	0.36	0.19	-3.37
5,464.00	4.85	149.00	5,436.42	-444.32	273.12	274.83	0.68	-0.60	3.70
5,590.00	4.96	150.70	5,561.96	-453.64	278.53	280.27	0.14	0.09	1.35
5,653.00	4.50	151.54	5,624.74	-458.19	281.04	282.80	0.74	-0.73	1.33
5,715.00	4.23	157.39	5,686.56	-462.44	283.08	284.86	0.84	-0.44	9.44
5,778.00	4.54	155.05	5,749.38	-466.84	285.03	286.82	0.57	0.49	-3.71
5,841.00	4.35	156.20	5,812.19	-471.29	287.04	288.85	0.33	-0.30	1.83
5,904.00	3.93	151.90	5,875.02	-475.38	289.02	290.85	0.83	-0.67	-6.83
5,967.00	3.69	149.73	5,937.89	-479.04	291.06	292.90	0.44	-0.38	-3.44
6,030.00	3.28	151.24	6,000.77	-482.37	292.95	294.80	0.67	-0.65	2.40
6,093.00	2.95	147.51	6,063.68	-485.31	294.69	296.55	0.61	-0.52	-5.92
6,156.00	2.83	143.27	6,126.60	-487.93	296.49	298.36	0.39	-0.19	-6.73
6,235.00	2.21	142.68	6,205.52	-490.70	298.58	300.46	0.79	-0.78	-0.75
6,317.00	1.89	146.75	6,287.47	-493.09	300.28	302.17	0.43	-0.39	4.96
6,412.00	10.88	103.48	6,381.81	-496.50	309.88	311.79	10.10	9.46	-45.55
6,506.00	17.85	95.70	6,472.82	-500.00	332.87	334.79	7.68	7.41	-8.28
6,601.00	23.45	90.65	6,561.69	-501.66	366.29	368.22	6.18	5.89	-5.32
6,695.00	33.85	97.39	6,644.09	-505.25	411.09	413.03	11.57	11.06	7.17
6,790.00	40.87	98.66	6,719.55	-513.35	468.13	470.10	7.43	7.39	1.34
6,884.00	49.53	94.74	6,785.74	-520.95	534.31	536.30	9.67	9.21	-4.17
6,979.00	58.93	90.95	6,841.22	-524.62	611.19	613.20	10.41	9.89	-3.99
7,073.00	65.14	91.51	6,885.28	-526.41	694.15	696.17	6.63	6.61	0.60
7,168.00	74.13	94.92	6,918.31	-531.48	782.96	785.00	10.04	9.46	3.59
7,262.00	80.61	94.24	6,938.85	-538.79	874.35	876.41	6.93	6.89	-0.72
7,357.00	88.05	92.51	6,948.23	-544.34	968.65	970.73	8.04	7.83	-1.82
7,451.00	89.80	91.85	6,950.00	-547.92	1,062.56	1,064.65	1.99	1.86	-0.70
7,546.00	89.70	91.90	6,950.41	-551.03	1,157.51	1,159.61	0.12	-0.11	0.05
7,640.00	89.29	92.57	6,951.24	-554.69	1,251.43	1,253.55	0.84	-0.44	0.71
7,667.38	89.56	92.57	6,951.51	-555.92	1,278.78	1,280.91	1.00	1.00	0.01
LL Crossing @ 7667.38' MD									
7,735.00	90.24	92.58	6,951.63	-558.96	1,346.33	1,348.47	1.00	1.00	0.01
7,829.00	90.00	92.87	6,951.43	-563.43	1,440.23	1,442.38	0.40	-0.26	0.31
7,923.00	89.33	91.38	6,951.98	-566.91	1,534.16	1,536.32	1.74	-0.71	-1.59
8,018.00	89.87	89.28	6,952.65	-567.46	1,629.15	1,631.31	2.28	0.57	-2.21
8,112.00	89.80	90.01	6,952.92	-566.88	1,723.14	1,725.31	0.78	-0.07	0.78
8,207.00	89.63	90.32	6,953.39	-567.15	1,818.14	1,820.31	0.37	-0.18	0.33

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)	
8,301.00	89.36	90.98	6,954.22	-568.22	1,912.13	1,914.30	0.76	-0.29	0.70	
8,396.00	90.84	90.04	6,954.05	-569.06	2,007.12	2,009.30	1.85	1.56	-0.99	
8,491.00	90.91	90.42	6,952.60	-569.45	2,102.11	2,104.28	0.41	0.07	0.40	
8,585.00	91.08	90.58	6,950.97	-570.27	2,196.09	2,198.27	0.25	0.18	0.17	
8,680.00	90.20	89.07	6,949.91	-569.98	2,291.08	2,293.26	1.84	-0.93	-1.59	
8,774.00	90.44	89.23	6,949.38	-568.58	2,385.07	2,387.24	0.31	0.26	0.17	
8,869.00	90.17	89.66	6,948.88	-567.66	2,480.07	2,482.23	0.53	-0.28	0.45	
8,963.00	90.00	89.88	6,948.74	-567.28	2,574.07	2,576.23	0.30	-0.18	0.23	
9,058.00	89.70	90.77	6,948.99	-567.82	2,669.06	2,671.22	0.99	-0.32	0.94	
9,152.00	89.43	91.24	6,949.70	-569.47	2,763.05	2,765.21	0.58	-0.29	0.50	
9,247.00	90.91	89.05	6,949.42	-569.71	2,858.04	2,860.20	2.78	1.56	-2.31	
9,341.00	90.57	89.55	6,948.20	-568.56	2,952.02	2,954.18	0.64	-0.36	0.53	
9,436.00	90.10	89.99	6,947.65	-568.18	3,047.02	3,049.18	0.68	-0.49	0.46	
9,530.00	90.20	90.40	6,947.40	-568.50	3,141.02	3,143.18	0.45	0.11	0.44	
9,625.00	90.27	90.48	6,947.01	-569.23	3,236.01	3,238.18	0.11	0.07	0.08	
9,719.00	90.27	90.94	6,946.57	-570.40	3,330.01	3,332.17	0.49	0.00	0.49	
9,814.00	89.97	91.02	6,946.37	-572.02	3,424.99	3,427.16	0.33	-0.32	0.08	
9,908.00	89.73	91.21	6,946.62	-573.85	3,518.97	3,521.15	0.33	-0.26	0.20	
10,003.00	89.39	91.39	6,947.35	-576.01	3,613.95	3,616.13	0.40	-0.36	0.19	
10,097.00	89.62	92.01	6,948.16	-578.79	3,707.90	3,710.09	0.70	0.24	0.66	
10,192.00	89.48	90.25	6,948.90	-580.67	3,802.87	3,805.08	1.86	-0.15	-1.85	
10,287.00	89.88	91.10	6,949.44	-581.79	3,897.87	3,900.07	0.99	0.42	0.89	
10,381.00	90.19	89.32	6,949.38	-582.13	3,991.86	3,994.07	1.92	0.33	-1.89	
10,476.00	90.22	88.66	6,949.04	-580.46	4,086.85	4,089.04	0.70	0.03	-0.69	
10,570.00	90.32	88.67	6,948.59	-578.27	4,180.82	4,183.01	0.11	0.11	0.01	
10,665.00	90.36	89.21	6,948.03	-576.51	4,275.80	4,277.98	0.57	0.04	0.57	
10,759.00	90.32	89.53	6,947.47	-575.48	4,369.79	4,371.97	0.34	-0.04	0.34	
10,854.00	90.12	90.07	6,947.11	-575.14	4,464.79	4,466.97	0.61	-0.21	0.57	
10,948.00	89.95	90.81	6,947.05	-575.87	4,558.79	4,560.97	0.81	-0.18	0.79	
11,043.00	89.45	91.11	6,947.55	-577.46	4,653.77	4,655.96	0.61	-0.53	0.32	
11,137.00	91.00	90.62	6,947.18	-578.88	4,747.76	4,749.95	1.73	1.65	-0.52	
11,231.00	90.76	88.02	6,945.74	-577.76	4,841.73	4,843.91	2.78	-0.26	-2.77	
11,326.00	90.93	88.22	6,944.33	-574.64	4,936.67	4,938.84	0.28	0.18	0.21	
11,420.00	88.88	88.35	6,944.49	-571.83	5,030.62	5,032.78	2.19	-2.18	0.14	
11,514.00	89.89	88.93	6,945.50	-569.60	5,124.59	5,126.74	1.24	1.07	0.62	
11,609.00	90.29	89.37	6,945.35	-568.19	5,219.58	5,221.72	0.63	0.42	0.46	
11,703.00	90.26	89.01	6,944.90	-566.86	5,313.57	5,315.71	0.38	-0.03	-0.38	
11,798.00	90.09	89.77	6,944.61	-565.85	5,408.56	5,410.69	0.82	-0.18	0.80	
11,892.00	90.19	90.00	6,944.38	-565.66	5,502.56	5,504.69	0.27	0.11	0.24	
11,987.00	90.53	90.04	6,943.78	-565.70	5,597.56	5,599.69	0.36	0.36	0.04	
12,081.00	89.89	88.35	6,943.44	-564.37	5,691.55	5,693.67	1.92	-0.68	-1.80	
12,175.00	89.75	88.88	6,943.73	-562.10	5,785.52	5,787.63	0.58	-0.15	0.56	
12,270.00	89.65	89.40	6,944.23	-560.68	5,880.50	5,882.61	0.56	-0.11	0.55	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)
12,364.00	89.65	89.52	6,944.80	-559.79	5,974.50	5,976.60	0.13	0.00	0.13
12,459.00	89.32	90.07	6,945.66	-559.45	6,069.49	6,071.60	0.68	-0.35	0.58
12,553.00	89.12	90.27	6,946.94	-559.73	6,163.48	6,165.59	0.30	-0.21	0.21
12,648.00	90.66	90.75	6,947.12	-560.58	6,258.48	6,260.58	1.70	1.62	0.51
12,743.00	90.29	90.42	6,946.33	-561.55	6,353.47	6,355.58	0.52	-0.39	-0.35
12,837.00	90.26	91.66	6,945.88	-563.25	6,447.45	6,449.57	1.32	-0.03	1.32
12,930.38	90.19	92.47	6,945.51	-566.62	6,540.77	6,542.90	0.88	-0.07	0.87
LL Crossing @ 12930.38' MD									
12,931.00	90.19	92.48	6,945.51	-566.65	6,541.39	6,543.52	0.88	-0.07	0.87
13,026.00	91.06	90.76	6,944.48	-569.33	6,636.34	6,638.48	2.03	0.92	-1.81
13,121.00	89.65	89.10	6,943.89	-569.22	6,731.33	6,733.47	2.29	-1.48	-1.75
13,215.00	89.45	88.98	6,944.63	-567.64	6,825.32	6,827.45	0.25	-0.21	-0.13
13,310.00	89.25	89.27	6,945.70	-566.19	6,920.30	6,922.42	0.37	-0.21	0.31
13,405.00	89.05	89.19	6,947.11	-564.91	7,015.28	7,017.40	0.23	-0.21	-0.08
13,499.00	89.02	89.25	6,948.70	-563.63	7,109.26	7,111.37	0.07	-0.03	0.06
13,594.00	88.92	89.25	6,950.40	-562.39	7,204.23	7,206.34	0.11	-0.11	0.00
13,688.00	88.55	89.47	6,952.48	-561.34	7,298.20	7,300.31	0.46	-0.39	0.23
13,783.00	89.69	89.79	6,953.94	-560.73	7,393.19	7,395.29	1.25	1.20	0.34
13,878.00	89.42	89.75	6,954.68	-560.35	7,488.19	7,490.28	0.29	-0.28	-0.04
13,972.00	89.96	89.67	6,955.18	-559.87	7,582.18	7,584.28	0.58	0.57	-0.09
14,066.00	91.07	90.76	6,954.34	-560.22	7,676.18	7,678.27	1.65	1.18	1.16
14,161.00	90.80	91.50	6,952.79	-562.10	7,771.14	7,773.25	0.83	-0.28	0.78
14,256.00	90.70	90.63	6,951.55	-563.86	7,866.12	7,868.23	0.92	-0.11	-0.92
14,350.00	90.46	91.19	6,950.59	-565.36	7,960.10	7,962.21	0.65	-0.26	0.60
14,445.00	90.50	90.94	6,949.80	-567.12	8,055.08	8,057.20	0.27	0.04	-0.26
14,540.00	90.30	90.86	6,949.14	-568.61	8,150.07	8,152.19	0.23	-0.21	-0.08
14,634.00	89.73	91.22	6,949.11	-570.32	8,244.05	8,246.18	0.72	-0.61	0.38
14,728.00	89.32	91.11	6,949.89	-572.23	8,338.03	8,340.16	0.45	-0.44	-0.12
14,823.00	90.70	91.39	6,949.87	-574.30	8,433.00	8,435.15	1.48	1.45	0.29
14,917.00	90.67	91.25	6,948.75	-576.47	8,526.97	8,529.12	0.15	-0.03	-0.15
15,011.00	90.90	91.15	6,947.46	-578.44	8,620.94	8,623.10	0.27	0.24	-0.11
15,106.00	90.93	91.08	6,945.94	-580.28	8,715.91	8,718.08	0.08	0.03	-0.07
15,200.00	90.77	91.14	6,944.55	-582.11	8,809.88	8,812.05	0.18	-0.17	0.06
15,294.00	90.70	91.25	6,943.34	-584.07	8,903.86	8,906.03	0.14	-0.07	0.12
15,389.00	90.87	91.14	6,942.04	-586.05	8,998.83	9,001.01	0.21	0.18	-0.12
15,483.00	89.19	89.49	6,941.99	-586.56	9,092.82	9,095.00	2.51	-1.79	-1.76
15,578.00	89.46	89.69	6,943.11	-585.88	9,187.81	9,189.99	0.35	0.28	0.21
15,672.00	89.09	89.64	6,944.30	-585.33	9,281.80	9,283.98	0.40	-0.39	-0.05
15,767.00	89.16	89.51	6,945.75	-584.63	9,376.79	9,378.96	0.16	0.07	-0.14
15,861.00	89.09	89.52	6,947.19	-583.83	9,470.77	9,472.94	0.08	-0.07	0.01
15,955.00	89.96	90.50	6,947.97	-583.85	9,564.77	9,566.94	1.39	0.93	1.04
16,050.00	89.66	90.94	6,948.28	-585.04	9,659.76	9,661.93	0.56	-0.32	0.46
16,144.00	89.73	91.49	6,948.78	-587.04	9,753.74	9,755.92	0.59	0.07	0.59
16,239.00	89.90	91.28	6,949.09	-589.33	9,848.71	9,850.90	0.28	0.18	-0.22

SDT Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)
16,333.00	90.16	91.10	6,949.04	-591.29	9,942.69	9,944.88	0.34	0.28	-0.19
16,428.00	90.33	91.29	6,948.63	-593.27	10,037.67	10,039.87	0.27	0.18	0.20
16,522.00	89.76	90.38	6,948.56	-594.64	10,131.65	10,133.86	1.14	-0.61	-0.97
16,617.00	89.90	89.74	6,948.84	-594.74	10,226.65	10,228.86	0.69	0.15	-0.67
16,711.00	90.30	89.35	6,948.68	-593.99	10,320.65	10,322.85	0.59	0.43	-0.41
16,805.00	90.64	89.56	6,947.91	-593.10	10,414.64	10,416.84	0.43	0.36	0.22
16,899.00	89.23	87.19	6,948.01	-590.43	10,508.59	10,510.78	2.93	-1.50	-2.52
16,993.00	88.89	87.70	6,949.56	-586.24	10,602.49	10,604.66	0.65	-0.36	0.54
17,087.00	89.79	87.89	6,950.64	-582.62	10,696.41	10,698.57	0.98	0.96	0.20
17,182.00	89.42	88.15	6,951.29	-579.34	10,791.35	10,793.50	0.48	-0.39	0.27
17,277.00	90.06	89.72	6,951.72	-577.58	10,886.33	10,888.47	1.78	0.67	1.65
17,371.00	89.80	89.14	6,951.84	-576.64	10,980.33	10,982.46	0.68	-0.28	-0.62
17,465.00	89.90	89.65	6,952.09	-575.65	11,074.32	11,076.45	0.55	0.11	0.54
17,560.00	89.96	91.25	6,952.20	-576.40	11,169.31	11,171.45	1.69	0.06	1.68
17,654.00	90.23	91.49	6,952.05	-578.64	11,263.29	11,265.43	0.38	0.29	0.26
17,748.00	90.10	91.62	6,951.78	-581.19	11,357.25	11,359.40	0.20	-0.14	0.14
17,843.00	90.37	91.85	6,951.39	-584.07	11,452.21	11,454.37	0.37	0.28	0.24
17,937.00	89.96	91.84	6,951.11	-587.10	11,546.16	11,548.33	0.44	-0.44	-0.01
18,032.00	89.86	91.33	6,951.26	-589.72	11,641.12	11,643.30	0.55	-0.11	-0.54
18,126.00	89.96	92.04	6,951.41	-592.49	11,735.08	11,737.27	0.76	0.11	0.76
18,208.16	89.99	91.30	6,951.44	-594.88	11,817.20	11,819.40	0.91	0.04	-0.91
LL Crossing @ 18208.16' MD									
18,221.00	90.00	91.18	6,951.44	-595.16	11,830.04	11,832.24	0.91	0.04	-0.91
18,316.00	90.30	91.18	6,951.20	-597.11	11,925.02	11,927.23	0.32	0.32	0.00
18,410.00	89.90	91.57	6,951.03	-599.37	12,018.99	12,021.21	0.59	-0.43	0.41
18,505.00	89.76	92.35	6,951.31	-602.62	12,113.94	12,116.16	0.83	-0.15	0.82
18,600.00	91.68	92.35	6,950.12	-606.51	12,208.84	12,211.08	2.02	2.02	0.00
18,694.00	90.67	90.82	6,948.19	-609.11	12,302.79	12,305.03	1.95	-1.07	-1.63
18,789.00	90.97	90.33	6,946.83	-610.07	12,397.77	12,400.02	0.60	0.32	-0.52
18,883.00	90.97	90.74	6,945.24	-610.94	12,491.75	12,494.01	0.44	0.00	0.44
18,978.00	89.90	90.16	6,944.52	-611.69	12,586.75	12,589.00	1.28	-1.13	-0.61
19,072.00	89.90	90.03	6,944.68	-611.84	12,680.74	12,683.00	0.14	0.00	-0.14
19,166.00	90.16	90.52	6,944.64	-612.30	12,774.74	12,777.00	0.59	0.28	0.52
19,261.00	89.53	88.76	6,944.89	-611.70	12,869.74	12,871.99	1.97	-0.66	-1.85
19,355.00	89.53	87.99	6,945.66	-609.03	12,963.70	12,965.94	0.82	0.00	-0.82
19,450.00	89.26	87.86	6,946.67	-605.59	13,058.63	13,060.86	0.32	-0.28	-0.14
19,544.00	89.69	87.67	6,947.53	-601.93	13,152.55	13,154.77	0.50	0.46	-0.20
19,639.00	88.42	89.86	6,949.09	-599.88	13,247.51	13,249.71	2.66	-1.34	2.31
19,733.00	89.02	89.96	6,951.19	-599.73	13,341.49	13,343.69	0.65	0.64	0.11
19,827.00	88.99	90.07	6,952.83	-599.76	13,435.47	13,437.67	0.12	-0.03	0.12
19,922.00	90.27	90.60	6,953.44	-600.31	13,530.46	13,532.67	1.46	1.35	0.56
20,016.00	90.16	90.44	6,953.09	-601.17	13,624.46	13,626.67	0.21	-0.12	-0.17
20,111.00	90.57	90.44	6,952.48	-601.90	13,719.46	13,721.67	0.43	0.43	0.00

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 705H
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 705H	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)	
20,205.00	90.23	89.93	6,951.83	-602.20	13,813.45	13,815.66	0.65	-0.36	-0.54	
20,300.00	90.00	89.35	6,951.64	-601.60	13,908.45	13,910.66	0.66	-0.24	-0.61	
20,394.00	89.80	88.80	6,951.80	-600.08	14,002.44	14,004.64	0.62	-0.21	-0.59	
20,488.00	88.89	89.28	6,952.87	-598.51	14,096.42	14,098.61	1.09	-0.97	0.51	
20,583.00	88.92	89.34	6,954.69	-597.37	14,191.39	14,193.58	0.07	0.03	0.06	
20,678.00	88.89	88.70	6,956.51	-595.74	14,286.36	14,288.54	0.67	-0.03	-0.67	
20,772.00	88.69	88.40	6,958.49	-593.36	14,380.31	14,382.48	0.38	-0.21	-0.32	
20,821.00	88.45	88.43	6,959.71	-592.01	14,429.28	14,431.44	0.49	-0.49	0.06	
20,891.00	88.45	88.43	6,961.61	-590.09	14,499.22	14,501.38	0.00	0.00	0.00	
BHL@ 20891' MD										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RU 705H SHL - hit/miss target - Shape	0.00	0.00	0.00	0.00	0.00	2,152,236.36	2,850,032.05	36.913792	-107.399109	
- actual wellpath hits target center										
- Point										
RU 705H KOP - actual wellpath misses target center by 0.01usft at 6354.99usft MD (6325.38 TVD, -494.27 N, 302.23 E)	0.00	0.00	6,325.39	-494.27	302.23	2,151,743.48	2,850,336.53	36.912434	-107.398075	
- Point										
RU 705H LPP - actual wellpath misses target center by 0.01usft at 7270.99usft MD (6940.27 TVD, -539.43 N, 883.20 E)	0.00	0.00	6,940.27	-539.44	883.21	2,151,700.95	2,850,917.71	36.912310	-107.396088	
- Point										
RU 705H PBHL - actual wellpath misses target center by 28.23usft at 20821.00usft MD (6959.71 TVD, -592.01 N, 14429.27 E)	0.00	0.00	6,945.00	-603.16	14,450.63	2,151,698.99	2,864,485.28	36.912125	-107.349680	
- Point										
RU 705H FPP - actual wellpath hits target center	0.00	0.00	6,956.62	-595.60	14,292.36	2,151,705.83	2,864,326.97	36.912146	-107.350221	
- Point										
RU 705H BHL - actual wellpath hits target center	0.00	0.00	6,961.61	-590.09	14,499.22	2,151,712.28	2,864,533.81	36.912161	-107.349514	
- Point										

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
7,667.38	6,951.51	-555.92	1,278.78	LL Crossing @ 7667.38' MD	
12,930.38	6,945.51	-566.62	6,540.77	LL Crossing @ 12930.38' MD	
18,208.16	6,951.44	-594.88	11,817.20	LL Crossing @ 18208.16' MD	
20,891.00	6,961.61	-590.09	14,499.22	BHL@ 20891' MD	

Checked By: _____	Approved By: _____	Date: _____
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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 705H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31438
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:	I	7	31N	5W		2551’	South	1279’	East	Rio Arriba
BHL	J	10	31N	5W		1964’	South	2598’	East	Rio Arriba

Section 3 – Completion Information

Date T.D. Reached 7/29/2024	Total Measured Depth of Well 20,872’ (TD)	Acid Volume (bbls) 1,619	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 8/2/2024	Plug-Back Measured Depth 20,775’	Completion Fluid Used (bbls) 801,990 bbls	Were Logs Ran (Y/N) Y
Completion Date 10/16/2024	Perforations (MD and TVD) 7272’ – 20,622’ (MD) / 6940’ – 6955’ (TVD)	Completion Proppant Used (lbs) 30,551k	List Type of Logs Ran if applicable: Radial Bond Log, Casing Collars, Gamma Ray/VDL, Temp, UltraView Cement Analysis

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 336024	UIC Permit/Order (UIC wells only) ☐ Yes ☒ No, Order No.
Intermediate 1 Casing Action ID: 366086	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: 375427	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 20/64	Flowing Tubing Pressure N/A	Casing Pressure 2545
24 hr Oil (bbls) 0	24 hr Gas (MCF) 1286 mcf	24 hr Water (bbls) 936 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>Ella Trujillo</i>	
Title Regulatory Specialist II	Date 11/19/2024

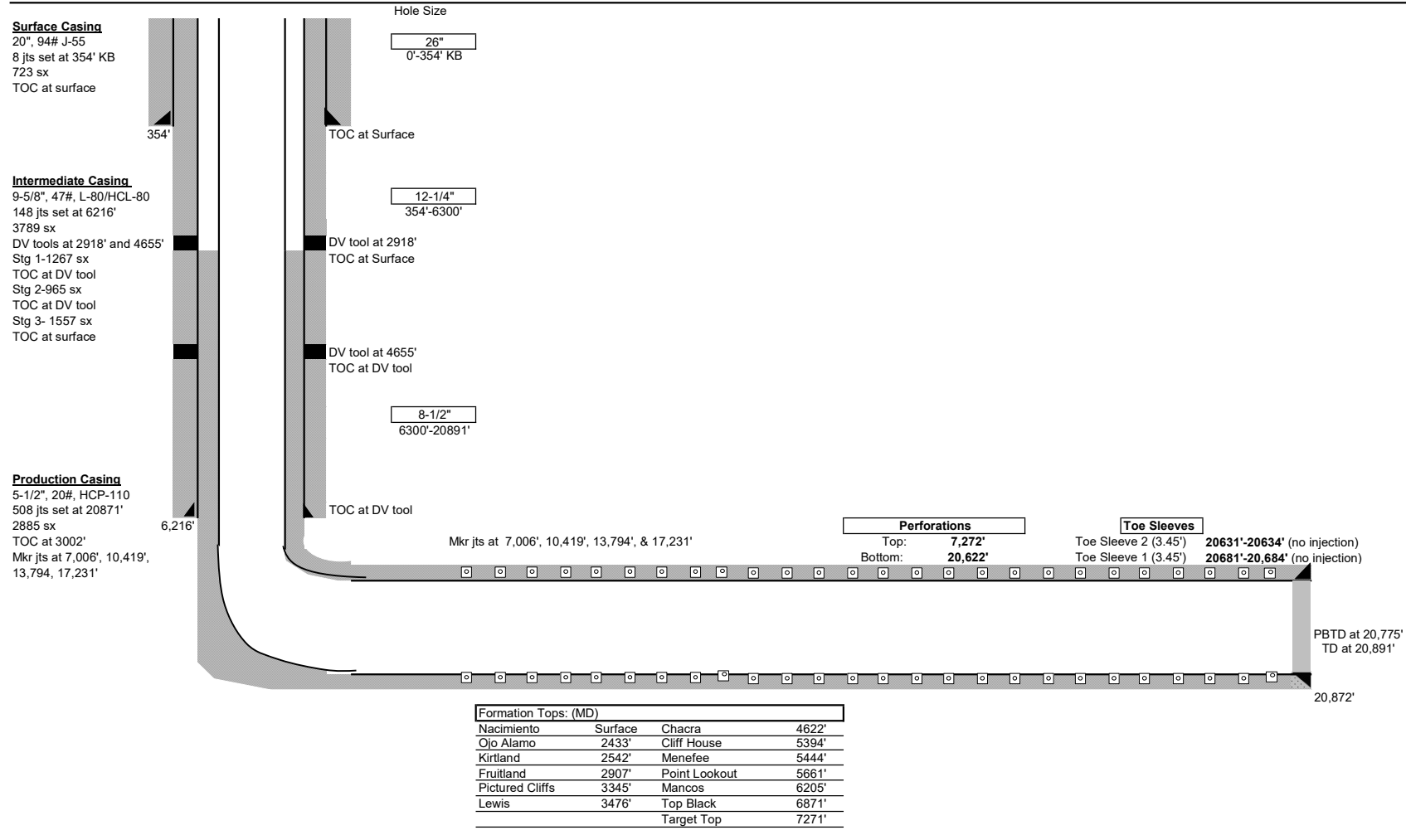
South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2433'	2424'	W
T. Yates				T. Kirtland	2542'	2532'	N/A
T. 7 Rivers				T. Fruitland	2907'	2895'	G
T. Queen				T. Pictured Cliffs	3345'	3330'	G
T. Grayburg				T. Lewis Shale	3476'	3460'	G
T. San Andres				T. Chacra	4622'	4599'	G
T. Glorieta				T. Cliff House	5394'	5367'	G
T. Yeso				T. Menefee	5444'	5416'	N/A
T. Paddock				T. Point Lookout	5661'	5633'	G
T. Blinebry				T. Mancos	6205'	6176'	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 705H
 Location: SHL - Sec 7, T31N, R05W, 2551' FSL, 1279' FEL
 County: Rio Arriba
 API #: 30-039-31438
 Co-ordinates: 36.913792, -107.399109 NAD83
 Operator: LOGOS Operating, LLC

Wellbore Schematic
 Ground Elevation: 6295'
 KB Elevation: 6325'
 TD (TVD): 6962'
 TD (MD): 20,891'
 PBTD: 20,775'

Prepared By: 8/5/2024 Peace
 Reviewed By:
 Last Updated: 11/13/2024 Gomez
 Spud Date: 4/6/2024
 Completion Date: 10/16/2024
 Last Workover Date: N/A



Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / NESE / 36.913792 / -107.399109	County or Parish/State: RIO ARRIBA / NM
Well Number: 705H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF78767	Unit or CA Name:	Unit or CA Number: NMNM078407E
US Well Number: 300393143800S1	Operator: LOGOS OPERATING LLC	

Notification

Sundry ID:	2824556	Type of Action:	First Production
Type of Submission:	Notification		
Date Sundry Submitted:	Nov 26, 2024	Time Sundry Submitted:	8:47:35 AM
First Production Date:	Oct 17, 2024		
US Well Number:	3003931438	Wellbore Code	Completion Code
First Production Remarks:	First delivery date: 10/17/2024 TP: 0 CP: 2545 Initial MCF: 1286 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: 705H, Notification of Well Completion Acceptance
Date: Monday, November 18, 2024 12:59:50 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **705H**
- US Well Number: **3003931438**
- Well Completion Report Id: **WCR2024111893694**

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/ocd/contact-us>

State of New Mexico

Energy, Minerals and Natural Resources

Oil Conservation Division

1220 S. St Francis Dr.

Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 409060

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 409060
	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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State of New Mexico

Energy, Minerals and Natural Resources

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1220 S. St Francis Dr.

Santa Fe, NM 87505

CONDITIONS

Action 409060

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 409060
	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