

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 706H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31437
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		2571' FSL	1293' FEL	36.913848	-107.399158	Rio Arriba

Section 3 – Completion Information

Producing Method Flowing	Ready Date 10/17/2024	Perforations MD 7407 – 20,764'	Perforations TVD 6924' – 6877'
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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): 386924	Communitization Agreement ☒ Yes ☐ No, Order No. NMNM078407E
Surface Casing Action ID: 336026	Unit: ☒ Yes ☐ No, Order No. R-13457
Intermediate 1 Casing Action ID: 365109	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: N/A	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 368585	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 704H
API# 30-039-31437
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,

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 30-039-31437	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 706H
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 2571' SOUTH	Feet from E/W Line 1293' EAST	Latitude 36.913848 °N	Longitude -107.399158 °W	County RIO ARRIBA
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Bottom Hole Location

UL N	Section 10	Township 31N	Range 5W	Lot	Feet from N/S Line 646' SOUTH	Feet from E/W Line 2539' WEST	Latitude 36.908540 °N	Longitude -107.349979 °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 P	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 1300' SOUTH	Feet from E/W Line 948' EAST	Latitude 36.910355 °N	Longitude -107.397974 °W	County RIO ARRIBA
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First Take Point (FTP)

UL P	Section 7	Township 31N	Range 5W	Lot	Feet from N/S Line 1001' SOUTH	Feet from E/W Line 420' EAST	Latitude 36.909535 °N	Longitude -107.396165 °W	County RIO ARRIBA
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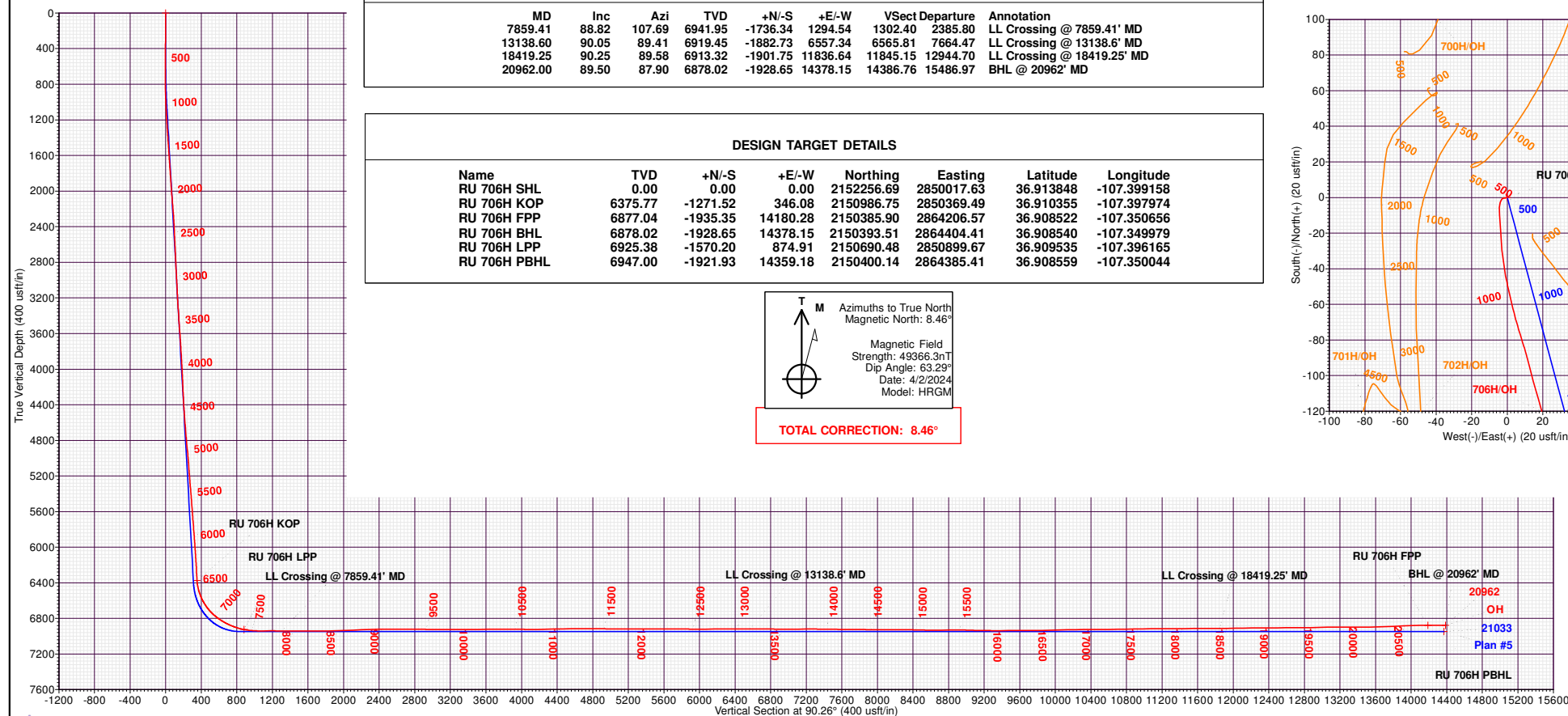
Last Take Point (LTP)

UL N	Section 10	Township 31N	Range 5W	Lot	Feet from N/S Line 639' SOUTH	Feet from E/W Line 2341' WEST	Latitude 36.908522 °N	Longitude -107.350656 °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. <u>Etta Trujillo</u> 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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Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 24

Rosa Unit 706H

OH

Design: OH

Standard Survey Report

15 August, 2024

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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 706H					
Well Position	+N/-S	0.00 usft	Northing:	2,152,256.68 usft	Latitude:	36.913848
	+E/-W	0.00 usft	Easting:	2,850,017.63 usft	Longitude:	-107.399158
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	49,366.26534203

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	90.26	

Survey Program	Date	8/15/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
25.61	321.93	Survey #1 (OH)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4	
321.93	20,892.00	Survey #2 (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction	
20,962.00	20,962.00	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	
25.61	0.49	262.42	25.61	-0.01	-0.11	-0.11	1.91	1.91	0.00	
117.41	0.43	245.44	117.41	-0.21	-0.81	-0.81	0.16	-0.07	-18.50	
206.68	0.30	269.16	206.67	-0.35	-1.35	-1.35	0.22	-0.15	26.57	
295.66	0.29	268.76	295.65	-0.36	-1.81	-1.81	0.01	-0.01	-0.45	
321.93	0.27	270.95	321.92	-0.36	-1.94	-1.93	0.09	-0.08	8.34	
423.00	0.47	246.65	422.99	-0.52	-2.55	-2.55	0.25	0.20	-24.04	
511.00	1.64	210.74	510.98	-1.75	-3.53	-3.52	1.46	1.33	-40.81	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)
606.00	3.48	183.92	605.88	-5.79	-4.42	-4.40	2.26	1.94	-28.23
665.00	4.73	175.66	664.73	-10.00	-4.36	-4.31	2.34	2.12	-14.00
753.00	6.18	176.40	752.33	-18.35	-3.79	-3.70	1.65	1.65	0.84
847.00	7.78	176.36	845.63	-29.75	-3.07	-2.93	1.70	1.70	-0.04
939.00	10.46	168.05	936.46	-44.14	-0.94	-0.74	3.24	2.91	-9.03
1,030.00	11.22	166.56	1,025.84	-60.83	2.83	3.10	0.89	0.84	-1.64
1,120.00	10.92	162.37	1,114.16	-77.47	7.44	7.80	0.95	-0.33	-4.66
1,211.00	12.47	165.45	1,203.27	-95.20	12.52	12.96	1.84	1.70	3.38
1,306.00	12.84	163.94	1,295.96	-115.27	18.02	18.54	0.52	0.39	-1.59
1,401.00	12.01	164.01	1,388.74	-134.91	23.66	24.28	0.87	-0.87	0.07
1,495.00	11.88	161.23	1,480.70	-153.48	29.47	30.17	0.63	-0.14	-2.96
1,589.00	11.45	159.05	1,572.76	-171.35	35.92	36.70	0.66	-0.46	-2.32
1,684.00	12.55	163.07	1,665.69	-190.03	42.30	43.16	1.45	1.16	4.23
1,779.00	13.53	164.62	1,758.24	-210.62	48.25	49.21	1.10	1.03	1.63
1,967.00	13.14	162.50	1,941.17	-252.21	60.51	61.65	0.33	-0.21	-1.13
2,156.00	13.29	159.66	2,125.16	-293.06	74.52	75.85	0.35	0.08	-1.50
2,251.00	13.53	158.80	2,217.57	-313.66	82.33	83.76	0.33	0.25	-0.91
2,345.00	12.59	163.61	2,309.14	-333.74	89.20	90.72	1.53	-1.00	5.12
2,440.00	11.93	168.00	2,401.98	-353.28	94.17	95.77	1.20	-0.69	4.62
2,535.00	12.10	168.45	2,494.90	-372.64	98.20	99.89	0.20	0.18	0.47
2,629.00	12.51	167.73	2,586.74	-392.24	102.34	104.12	0.47	0.44	-0.77
2,724.00	12.17	167.87	2,679.54	-412.09	106.63	108.50	0.36	-0.36	0.15
2,818.00	12.34	169.11	2,771.40	-431.64	110.61	112.56	0.33	0.18	1.32
2,913.00	12.28	167.13	2,864.22	-451.46	114.77	116.82	0.45	-0.06	-2.08
3,008.00	11.92	164.76	2,957.11	-470.77	119.60	121.74	0.65	-0.38	-2.49
3,102.00	10.77	164.40	3,049.27	-488.60	124.52	126.73	1.23	-1.22	-0.38
3,197.00	10.88	166.80	3,142.58	-505.87	128.95	131.25	0.49	0.12	2.53
3,291.00	13.10	168.34	3,234.52	-524.95	133.13	135.51	2.39	2.36	1.64
3,386.00	13.77	164.44	3,326.93	-546.38	138.34	140.82	1.19	0.71	-4.11
3,480.00	13.71	164.87	3,418.24	-567.91	144.25	146.82	0.13	-0.06	0.46
3,575.00	13.23	162.10	3,510.62	-589.13	150.53	153.20	0.85	-0.51	-2.92
3,670.00	12.71	161.00	3,603.20	-609.35	157.27	160.04	0.61	-0.55	-1.16
3,764.00	12.10	160.67	3,695.00	-628.43	163.90	166.75	0.65	-0.65	-0.35
3,859.00	10.32	162.18	3,788.19	-645.93	169.80	172.73	1.90	-1.87	1.59
3,954.00	10.52	163.00	3,881.62	-662.32	174.94	177.94	0.26	0.21	0.86
4,049.00	9.57	159.73	3,975.16	-678.02	180.21	183.29	1.17	-1.00	-3.44
4,143.00	10.50	167.01	4,067.73	-693.70	184.84	187.99	1.67	0.99	7.74
4,238.00	12.68	170.64	4,160.79	-712.42	188.49	191.72	2.42	2.29	3.82
4,333.00	14.99	168.87	4,253.03	-734.77	192.55	195.89	2.47	2.43	-1.86
4,427.00	13.64	169.43	4,344.11	-757.59	196.93	200.37	1.44	-1.44	0.60
4,522.00	15.14	165.86	4,436.12	-780.64	202.02	205.56	1.83	1.58	-3.76
4,616.00	17.53	166.20	4,526.32	-806.29	208.40	212.05	2.54	2.54	0.36
4,710.00	17.41	165.79	4,615.99	-833.67	215.23	219.01	0.18	-0.13	-0.44

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)
4,773.00	15.98	165.82	4,676.33	-851.22	219.66	223.52	2.27	-2.27	0.05
4,867.00	15.96	162.90	4,766.70	-876.12	226.63	230.61	0.85	-0.02	-3.11
4,930.00	17.41	160.44	4,827.05	-893.28	232.34	236.39	2.56	2.30	-3.90
4,993.00	17.33	160.92	4,887.18	-911.02	238.56	242.69	0.26	-0.13	0.76
5,056.00	17.29	164.51	4,947.33	-928.92	244.13	248.34	1.70	-0.06	5.70
5,119.00	16.15	163.50	5,007.66	-946.34	249.12	253.41	1.87	-1.81	-1.60
5,181.00	14.66	165.48	5,067.43	-962.20	253.53	257.90	2.55	-2.40	3.19
5,244.00	14.62	163.63	5,128.39	-977.55	257.77	262.20	0.74	-0.06	-2.94
5,307.00	15.91	163.80	5,189.16	-993.47	262.42	266.93	2.05	2.05	0.27
5,370.00	16.26	162.98	5,249.70	-1,010.20	267.41	271.99	0.66	0.56	-1.30
5,433.00	15.84	164.05	5,310.24	-1,026.90	272.36	277.01	0.82	-0.67	1.70
5,496.00	15.95	163.07	5,370.83	-1,043.44	277.24	281.97	0.46	0.17	-1.56
5,527.00	15.95	163.07	5,400.64	-1,051.59	279.72	284.49	0.00	0.00	0.00
5,590.00	15.56	164.62	5,461.27	-1,068.02	284.48	289.33	0.91	-0.62	2.46
5,653.00	15.64	164.45	5,521.95	-1,084.35	289.00	293.92	0.15	0.13	-0.27
5,715.00	15.67	163.37	5,581.65	-1,100.42	293.64	298.63	0.47	0.05	-1.74
5,778.00	15.46	165.63	5,642.34	-1,116.71	298.16	303.22	1.02	-0.33	3.59
5,841.00	15.84	164.95	5,703.01	-1,133.15	302.47	307.61	0.67	0.60	-1.08
5,904.00	15.73	164.77	5,763.63	-1,149.69	306.95	312.16	0.19	-0.17	-0.29
5,967.00	15.54	162.42	5,824.30	-1,165.98	311.74	317.03	1.05	-0.30	-3.73
6,030.00	14.29	162.43	5,885.18	-1,181.43	316.64	322.00	1.98	-1.98	0.02
6,093.00	13.71	163.34	5,946.31	-1,196.00	321.12	326.55	0.98	-0.92	1.44
6,156.00	13.03	162.27	6,007.60	-1,209.92	325.43	330.91	1.15	-1.08	-1.70
6,219.00	11.88	161.85	6,069.11	-1,222.84	329.61	335.16	1.83	-1.83	-0.67
6,282.00	10.69	160.87	6,130.89	-1,234.53	333.55	339.14	1.91	-1.89	-1.56
6,347.00	9.54	162.15	6,194.88	-1,245.35	337.17	342.82	1.80	-1.77	1.97
6,460.00	8.17	162.25	6,306.53	-1,261.91	342.49	348.21	1.21	-1.21	0.09
6,504.00	8.11	162.07	6,350.09	-1,267.84	344.40	350.15	0.15	-0.14	-0.41
6,599.00	15.69	133.52	6,443.05	-1,283.10	355.80	361.62	9.88	7.98	-30.05
6,693.00	24.67	128.10	6,531.20	-1,304.00	380.51	386.42	9.75	9.55	-5.77
6,787.00	33.55	122.91	6,613.26	-1,330.27	417.83	423.87	9.81	9.45	-5.52
6,882.00	41.80	118.76	6,688.40	-1,359.82	467.72	473.89	9.08	8.68	-4.37
6,976.00	51.23	119.35	6,753.01	-1,392.93	527.26	533.58	10.04	10.03	0.63
7,071.00	58.99	118.99	6,807.31	-1,430.87	595.26	601.74	8.17	8.17	-0.38
7,165.00	64.60	118.09	6,851.72	-1,470.42	668.01	674.67	6.03	5.97	-0.96
7,260.00	70.67	116.59	6,887.85	-1,510.73	746.02	752.87	6.55	6.39	-1.58
7,354.00	76.40	114.01	6,914.49	-1,549.20	827.49	834.51	6.64	6.10	-2.74
7,449.00	82.62	113.56	6,931.78	-1,586.86	912.93	920.12	6.56	6.55	-0.47
7,543.00	88.12	112.70	6,939.36	-1,623.64	999.06	1,006.41	5.92	5.85	-0.91
7,638.00	90.34	112.51	6,940.64	-1,660.15	1,086.74	1,094.27	2.35	2.34	-0.20
7,732.00	90.57	110.40	6,939.89	-1,694.53	1,174.22	1,181.90	2.26	0.24	-2.24
7,827.00	88.02	108.61	6,941.06	-1,726.25	1,263.75	1,271.57	3.28	-2.68	-1.88
7,859.41	88.82	107.69	6,941.95	-1,736.34	1,294.54	1,302.40	3.76	2.47	-2.84
LL Crossing @ 7859.41' MD									

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)
7,921.00	90.34	105.94	6,942.41	-1,754.15	1,353.49	1,361.43	3.76	2.47	-2.84
8,016.00	90.10	105.81	6,942.04	-1,780.14	1,444.86	1,452.93	0.29	-0.25	-0.14
8,110.00	90.00	103.61	6,941.96	-1,804.01	1,535.78	1,543.95	2.34	-0.11	-2.34
8,204.00	90.00	100.60	6,941.96	-1,823.72	1,627.68	1,635.94	3.20	0.00	-3.20
8,299.00	90.81	99.83	6,941.29	-1,840.56	1,721.17	1,729.50	1.18	0.85	-0.81
8,394.00	90.27	96.40	6,940.39	-1,853.97	1,815.20	1,823.59	3.65	-0.57	-3.61
8,488.00	91.28	96.18	6,939.12	-1,864.27	1,908.62	1,917.06	1.10	1.07	-0.23
8,583.00	92.05	95.38	6,936.36	-1,873.83	2,003.10	2,011.58	1.17	0.81	-0.84
8,678.00	92.69	91.38	6,932.43	-1,879.43	2,097.83	2,106.34	4.26	0.67	-4.21
8,772.00	92.42	91.09	6,928.24	-1,881.45	2,191.72	2,200.23	0.42	-0.29	-0.31
8,866.00	92.02	92.37	6,924.60	-1,884.29	2,285.60	2,294.13	1.43	-0.43	1.36
8,961.00	90.50	89.09	6,922.51	-1,885.50	2,380.55	2,389.09	3.80	-1.60	-3.45
9,055.00	90.47	89.07	6,921.71	-1,883.99	2,474.54	2,483.06	0.04	-0.03	-0.02
9,150.00	90.10	88.61	6,921.24	-1,882.06	2,569.52	2,578.03	0.62	-0.39	-0.48
9,245.00	90.47	86.75	6,920.77	-1,878.22	2,664.43	2,672.93	2.00	0.39	-1.96
9,339.00	89.39	90.34	6,920.88	-1,875.83	2,758.39	2,766.87	3.99	-1.15	3.82
9,434.00	89.29	90.46	6,921.98	-1,876.50	2,853.38	2,861.86	0.16	-0.11	0.13
9,528.00	89.13	88.88	6,923.27	-1,875.95	2,947.36	2,955.85	1.69	-0.17	-1.68
9,623.00	90.17	90.12	6,923.85	-1,875.13	3,042.36	3,050.83	1.70	1.09	1.31
9,717.00	89.90	89.67	6,923.80	-1,874.95	3,136.36	3,144.83	0.56	-0.29	-0.48
9,812.00	89.43	89.04	6,924.35	-1,873.88	3,231.35	3,239.82	0.83	-0.49	-0.66
9,906.00	89.73	90.52	6,925.04	-1,873.52	3,325.34	3,333.81	1.61	0.32	1.57
10,001.00	90.87	89.33	6,924.54	-1,873.40	3,420.34	3,428.80	1.73	1.20	-1.25
10,095.00	90.57	88.63	6,923.36	-1,871.73	3,514.31	3,522.77	0.81	-0.32	-0.74
10,190.00	90.20	88.01	6,922.72	-1,868.94	3,609.27	3,617.71	0.76	-0.39	-0.65
10,284.00	90.47	89.74	6,922.17	-1,867.09	3,703.25	3,711.68	1.86	0.29	1.84
10,379.00	90.13	90.15	6,921.68	-1,867.00	3,798.25	3,806.68	0.56	-0.36	0.43
10,474.00	90.10	88.44	6,921.49	-1,865.83	3,893.23	3,901.66	1.80	-0.03	-1.80
10,568.00	88.99	90.01	6,922.23	-1,864.56	3,987.22	3,995.64	2.05	-1.18	1.67
10,662.00	89.66	92.10	6,923.34	-1,866.29	4,081.19	4,089.62	2.33	0.71	2.22
10,757.00	90.54	91.33	6,923.17	-1,869.14	4,176.15	4,184.58	1.23	0.93	-0.81
10,852.00	91.61	89.84	6,921.39	-1,870.11	4,271.12	4,279.56	1.93	1.13	-1.57
10,946.00	91.31	90.26	6,919.00	-1,870.19	4,365.09	4,373.53	0.55	-0.32	0.45
11,040.00	91.01	90.41	6,917.09	-1,870.74	4,459.07	4,467.51	0.36	-0.32	0.16
11,135.00	90.84	88.60	6,915.56	-1,869.92	4,554.05	4,562.49	1.91	-0.18	-1.91
11,229.00	90.13	90.76	6,914.76	-1,869.39	4,648.04	4,656.47	2.42	-0.76	2.30
11,323.00	90.03	88.97	6,914.63	-1,869.17	4,742.03	4,750.47	1.91	-0.11	-1.90
11,418.00	89.26	91.95	6,915.22	-1,869.93	4,837.02	4,845.45	3.24	-0.81	3.14
11,512.00	88.96	90.95	6,916.68	-1,872.31	4,930.97	4,939.42	1.11	-0.32	-1.06
11,606.00	90.03	90.59	6,917.51	-1,873.58	5,024.96	5,033.41	1.20	1.14	-0.38
11,701.00	89.97	91.26	6,917.51	-1,875.11	5,119.95	5,128.40	0.71	-0.06	0.71
11,796.00	89.87	89.95	6,917.64	-1,876.11	5,214.94	5,223.40	1.38	-0.11	-1.38
11,890.00	89.87	88.61	6,917.86	-1,874.93	5,308.93	5,317.38	1.43	0.00	-1.43

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)	
11,984.00	90.13	90.79	6,917.86	-1,874.44	5,402.92	5,411.37	2.34	0.28	2.32	
12,079.00	89.70	91.81	6,918.00	-1,876.59	5,497.90	5,506.36	1.17	-0.45	1.07	
12,173.00	90.00	89.75	6,918.24	-1,877.87	5,591.88	5,600.35	2.21	0.32	-2.19	
12,267.00	89.73	89.70	6,918.46	-1,877.42	5,685.88	5,694.34	0.29	-0.29	-0.05	
12,362.00	89.76	88.93	6,918.89	-1,876.29	5,780.87	5,789.33	0.81	0.03	-0.81	
12,456.00	88.82	92.13	6,920.05	-1,877.16	5,874.85	5,883.31	3.55	-1.00	3.40	
12,551.00	90.24	91.56	6,920.83	-1,880.21	5,969.79	5,978.26	1.61	1.49	-0.60	
12,646.00	90.40	90.79	6,920.30	-1,882.16	6,064.77	6,073.25	0.83	0.17	-0.81	
12,740.00	90.34	90.68	6,919.69	-1,883.37	6,158.76	6,167.24	0.13	-0.06	-0.12	
12,835.00	90.13	90.22	6,919.30	-1,884.11	6,253.76	6,262.24	0.53	-0.22	-0.48	
12,929.00	89.97	90.60	6,919.22	-1,884.79	6,347.75	6,356.24	0.44	-0.17	0.40	
13,024.00	89.87	89.09	6,919.35	-1,884.53	6,442.75	6,451.24	1.59	-0.11	-1.59	
13,118.00	90.00	89.05	6,919.46	-1,883.00	6,536.74	6,545.22	0.14	0.14	-0.04	
13,138.60	90.05	89.41	6,919.45	-1,882.73	6,557.34	6,565.81	1.74	0.25	1.73	
LL Crossing @ 13138.6' MD										
13,213.00	90.24	90.69	6,919.26	-1,882.79	6,631.74	6,640.21	1.74	0.25	1.73	
13,308.00	89.80	91.03	6,919.23	-1,884.21	6,726.72	6,735.21	0.59	-0.46	0.36	
13,402.00	89.33	91.53	6,919.94	-1,886.31	6,820.70	6,829.19	0.73	-0.50	0.53	
13,497.00	90.03	89.81	6,920.47	-1,887.42	6,915.69	6,924.18	1.95	0.74	-1.81	
13,592.00	90.03	88.89	6,920.42	-1,886.35	7,010.68	7,019.17	0.97	0.00	-0.97	
13,686.00	90.47	90.61	6,920.01	-1,885.94	7,104.67	7,113.16	1.89	0.47	1.83	
13,781.00	89.93	90.77	6,919.68	-1,887.08	7,199.66	7,208.15	0.59	-0.57	0.17	
13,875.00	89.76	89.69	6,919.94	-1,887.46	7,293.66	7,302.15	1.16	-0.18	-1.15	
13,970.00	89.33	89.08	6,920.69	-1,886.44	7,388.65	7,397.14	0.79	-0.45	-0.64	
14,064.00	89.26	91.16	6,921.85	-1,886.64	7,482.64	7,491.12	2.21	-0.07	2.21	
14,159.00	88.82	90.70	6,923.44	-1,888.18	7,577.61	7,586.10	0.67	-0.46	-0.48	
14,253.00	89.93	90.22	6,924.46	-1,888.93	7,671.60	7,680.10	1.29	1.18	-0.51	
14,348.00	89.60	91.70	6,924.85	-1,890.52	7,766.59	7,775.09	1.60	-0.35	1.56	
14,443.00	89.46	89.41	6,925.63	-1,891.44	7,861.57	7,870.08	2.41	-0.15	-2.41	
14,537.00	90.24	91.86	6,925.88	-1,892.49	7,955.56	7,964.07	2.74	0.83	2.61	
14,632.00	90.07	92.31	6,925.62	-1,895.94	8,050.50	8,059.02	0.51	-0.18	0.47	
14,726.00	89.70	91.50	6,925.81	-1,899.07	8,144.44	8,152.98	0.95	-0.39	-0.86	
14,821.00	89.39	89.74	6,926.57	-1,900.09	8,239.43	8,247.97	1.88	-0.33	-1.85	
14,915.00	89.13	89.63	6,927.78	-1,899.58	8,333.42	8,341.95	0.30	-0.28	-0.12	
15,009.00	88.92	91.90	6,929.38	-1,900.83	8,427.39	8,435.93	2.42	-0.22	2.41	
15,103.00	88.52	91.86	6,931.48	-1,903.92	8,521.32	8,529.87	0.43	-0.43	-0.04	
15,198.00	90.27	91.97	6,932.48	-1,907.09	8,616.26	8,624.82	1.85	1.84	0.12	
15,292.00	90.77	91.53	6,931.63	-1,909.96	8,710.21	8,718.79	0.71	0.53	-0.47	
15,386.00	90.20	90.23	6,930.83	-1,911.40	8,804.19	8,812.77	1.51	-0.61	-1.38	
15,481.00	90.13	90.22	6,930.56	-1,911.78	8,899.19	8,907.77	0.07	-0.07	-0.01	
15,575.00	88.39	89.53	6,931.77	-1,911.57	8,993.18	9,001.76	1.99	-1.85	-0.73	
15,670.00	88.55	87.14	6,934.31	-1,908.81	9,088.10	9,096.67	2.52	0.17	-2.52	
15,764.00	89.19	88.03	6,936.16	-1,904.85	9,181.99	9,190.54	1.17	0.68	0.95	
15,859.00	88.86	90.22	6,937.78	-1,903.40	9,276.96	9,285.50	2.33	-0.35	2.31	

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)
15,953.00	90.20	88.61	6,938.55	-1,902.44	9,370.95	9,379.49	2.23	1.43	-1.71
16,048.00	91.08	89.09	6,937.49	-1,900.54	9,465.92	9,474.45	1.06	0.93	0.51
16,142.00	90.34	89.85	6,936.33	-1,899.67	9,559.91	9,568.43	1.13	-0.79	0.81
16,237.00	89.83	88.97	6,936.19	-1,898.69	9,654.90	9,663.42	1.07	-0.54	-0.93
16,331.00	90.30	90.69	6,936.08	-1,898.41	9,748.90	9,757.41	1.90	0.50	1.83
16,425.00	91.31	90.39	6,934.76	-1,899.29	9,842.89	9,851.40	1.12	1.07	-0.32
16,520.00	91.71	87.98	6,932.25	-1,897.94	9,937.84	9,946.35	2.57	0.42	-2.54
16,614.00	91.04	89.49	6,930.00	-1,895.87	10,031.78	10,040.28	1.76	-0.71	1.61
16,709.00	90.87	89.80	6,928.42	-1,895.28	10,126.77	10,135.26	0.37	-0.18	0.33
16,803.00	91.68	91.79	6,926.32	-1,896.59	10,220.73	10,229.23	2.29	0.86	2.12
16,897.00	90.98	90.55	6,924.14	-1,898.50	10,314.68	10,323.19	1.51	-0.74	-1.32
16,991.00	90.27	90.97	6,923.12	-1,899.75	10,408.67	10,417.18	0.88	-0.76	0.45
17,085.00	89.53	91.11	6,923.28	-1,901.46	10,502.65	10,511.17	0.80	-0.79	0.15
17,180.00	90.77	91.22	6,923.03	-1,903.39	10,597.63	10,606.16	1.31	1.31	0.12
17,274.00	91.01	89.58	6,921.57	-1,904.04	10,691.61	10,700.14	1.76	0.26	-1.74
17,369.00	90.71	90.66	6,920.15	-1,904.24	10,786.60	10,795.13	1.18	-0.32	1.14
17,463.00	90.71	88.41	6,918.98	-1,903.48	10,880.58	10,889.11	2.39	0.00	-2.39
17,557.00	90.81	89.42	6,917.73	-1,901.70	10,974.56	10,983.07	1.08	0.11	1.07
17,652.00	90.50	89.58	6,916.65	-1,900.87	11,069.55	11,078.06	0.37	-0.33	0.17
17,746.00	90.20	89.73	6,916.07	-1,900.31	11,163.54	11,172.05	0.36	-0.32	0.16
17,840.00	90.00	88.21	6,915.91	-1,898.62	11,257.53	11,266.03	1.63	-0.21	-1.62
17,935.00	90.40	89.25	6,915.58	-1,896.51	11,352.50	11,360.99	1.17	0.42	1.09
18,030.00	90.98	90.93	6,914.43	-1,896.66	11,447.49	11,455.98	1.87	0.61	1.77
18,124.00	90.00	92.67	6,913.63	-1,899.61	11,541.43	11,549.94	2.12	-1.04	1.85
18,219.00	90.20	90.12	6,913.46	-1,901.92	11,636.40	11,644.91	2.69	0.21	-2.68
18,314.00	89.90	90.29	6,913.38	-1,902.26	11,731.40	11,739.91	0.36	-0.32	0.18
18,408.00	90.13	89.23	6,913.36	-1,901.87	11,825.40	11,833.90	1.15	0.24	-1.13
18,419.25	90.25	89.58	6,913.32	-1,901.75	11,836.64	11,845.15	3.27	1.11	3.07
LL Crossing @ 18419.25' MD									
18,503.00	91.18	92.15	6,912.27	-1,903.01	11,920.37	11,928.88	3.27	1.11	3.07
18,597.00	90.94	91.71	6,910.53	-1,906.18	12,014.30	12,022.83	0.53	-0.26	-0.47
18,692.00	90.84	89.50	6,909.06	-1,907.18	12,109.28	12,117.81	2.33	-0.11	-2.33
18,787.00	90.57	90.93	6,907.89	-1,907.54	12,204.27	12,212.80	1.53	-0.28	1.51
18,881.00	90.54	90.13	6,906.98	-1,908.41	12,298.26	12,306.79	0.85	-0.03	-0.85
18,976.00	90.03	91.65	6,906.50	-1,909.88	12,393.24	12,401.78	1.69	-0.54	1.60
19,070.00	91.04	90.62	6,905.63	-1,911.75	12,487.22	12,495.76	1.53	1.07	-1.10
19,164.00	90.71	90.49	6,904.19	-1,912.66	12,581.20	12,589.75	0.38	-0.35	-0.14
19,259.00	90.37	90.41	6,903.30	-1,913.40	12,676.20	12,684.75	0.37	-0.36	-0.08
19,353.00	89.93	91.80	6,903.05	-1,915.22	12,770.18	12,778.73	1.55	-0.47	1.48
19,447.00	90.61	91.23	6,902.61	-1,917.70	12,864.14	12,872.71	0.94	0.72	-0.61
19,542.00	91.28	88.84	6,901.04	-1,917.76	12,959.12	12,967.69	2.61	0.71	-2.52
19,636.00	90.87	90.32	6,899.28	-1,917.07	13,053.10	13,061.66	1.63	-0.44	1.57
19,731.00	90.61	90.13	6,898.05	-1,917.44	13,148.09	13,156.65	0.34	-0.27	-0.20

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)	
19,825.00	89.97	91.11	6,897.57	-1,918.46	13,242.08	13,250.65	1.25	-0.68	1.04	
19,920.00	89.70	89.82	6,897.85	-1,919.23	13,337.08	13,345.65	1.39	-0.28	-1.36	
20,014.00	90.61	91.69	6,897.59	-1,920.47	13,431.06	13,439.64	2.21	0.97	1.99	
20,109.00	90.34	92.36	6,896.80	-1,923.83	13,526.00	13,534.59	0.76	-0.28	0.71	
20,203.00	91.78	92.49	6,895.07	-1,927.80	13,619.90	13,628.50	1.54	1.53	0.14	
20,297.00	91.45	94.15	6,892.42	-1,933.24	13,713.70	13,722.33	1.80	-0.35	1.77	
20,392.00	92.99	90.49	6,888.74	-1,937.09	13,808.53	13,817.18	4.18	1.62	-3.85	
20,486.00	92.96	90.43	6,883.86	-1,937.84	13,902.40	13,911.05	0.07	-0.03	-0.06	
20,581.00	91.45	88.83	6,880.20	-1,937.23	13,997.32	14,005.97	2.31	-1.59	-1.68	
20,676.00	91.28	89.85	6,877.94	-1,936.13	14,092.29	14,100.93	1.09	-0.18	1.07	
20,770.00	89.80	89.08	6,877.05	-1,935.26	14,186.27	14,194.91	1.77	-1.57	-0.82	
20,865.00	89.93	87.38	6,877.28	-1,932.32	14,281.23	14,289.85	1.79	0.14	-1.79	
20,892.00	89.50	87.90	6,877.41	-1,931.21	14,308.20	14,316.82	2.50	-1.59	1.93	
20,962.00	89.50	87.90	6,878.02	-1,928.65	14,378.15	14,386.76	0.00	0.00	0.00	
BHL @ 20962' 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 706H SHL	0.00	0.00	0.00	0.00	0.00	2,152,256.68	2,850,017.63	36.913848		-107.399158
- actual wellpath hits target center										
- Point										
RU 706H KOP	0.00	0.00	6,375.77	-1,271.52	346.08	2,150,986.75	2,850,369.49	36.910356		-107.397975
- actual wellpath misses target center by 0.02usft at 6529.98usft MD (6375.75 TVD, -1271.52 N, 346.07 E)										
- Point										
RU 706H FPP	0.00	0.00	6,877.04	-1,935.35	14,180.28	2,150,385.90	2,864,206.57	36.908522		-107.350656
- actual wellpath hits target center										
- Point										
RU 706H BHL	0.00	0.00	6,878.02	-1,928.65	14,378.15	2,150,393.50	2,864,404.41	36.908540		-107.349979
- actual wellpath hits target center										
- Point										
RU 706H LPP	0.00	0.00	6,925.38	-1,570.20	874.91	2,150,690.48	2,850,899.68	36.909535		-107.396166
- actual wellpath hits target center										
- Point										
RU 706H PBHL	0.00	0.00	6,947.00	-1,921.93	14,359.18	2,150,400.14	2,864,385.41	36.908559		-107.350044
- actual wellpath misses target center by 69.54usft at 20943.89usft MD (6877.86 TVD, -1929.31 N, 14360.06 E)										
- Point										

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 706H
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 706H	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)		
7,859.41	6,941.95	-1,736.34	1,294.54	LL Crossing @ 7859.41' MD	
13,138.60	6,919.45	-1,882.73	6,557.34	LL Crossing @ 13138.6' MD	
18,419.25	6,913.32	-1,901.75	11,836.64	LL Crossing @ 18419.25' MD	
20,962.00	6,878.02	-1,928.65	14,378.15	BHL @ 20962' MD	

Checked By:	_____	Approved By:	_____	Date:	_____
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Page 15 of 22

District I
25 N. French Drive, Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720
District II
1 S. First Street, Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720
District III
10 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
20 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
OIL CONSERVATION DIVISION
1220 South St. Francis Drive Santa Fe, NM 87505

Form C-102 (Revised August 1, 2011)
Submit one copy to Appropriate District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-31437		2 Pool Code 97232		3 Pool Name BASIN MANCOS	
4 Property Code 320608		5 Property Name ROSA UNIT		6 Well Number 706H	
7 OGRID 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
I	7	31N	5W		2571	SOUTH	1293	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
N	10	31N	5W		652	SOUTH	2520	WEST	RIO ARriba

12 Dedicated Acres 1191.90	13 Joint or Infill	14 Consolidation Code	15 Order No. R-13457
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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.

Etta Trujillo 3/15/2024
Signature Date
Etta Trujillo
Printed Name
etrujillo@logosresourcesllc.com
E-mail Address

18 SURVEYOR CERTIFICATION

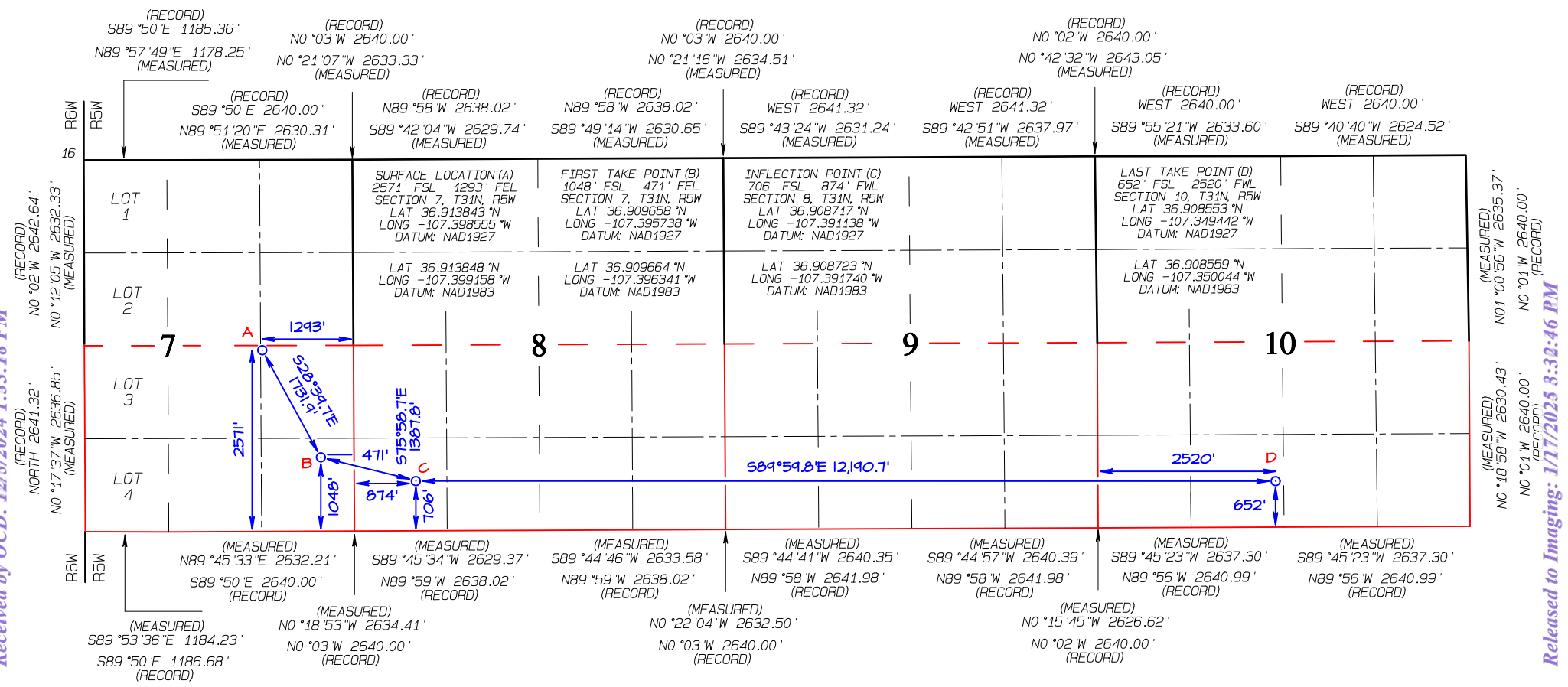
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date Revised: MARCH 13, 2024
Survey Date: NOVEMBER 15, 2021

Signature and Seal of Professional Surveyor

JASON C. EDWARDS
NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
15269

JASON C. EDWARDS
Certificate Number 15269



Received by OCD: 12/5/2024 1:33:18 PM

Released to Imaging: 1/17/2025 3:32:46 PM

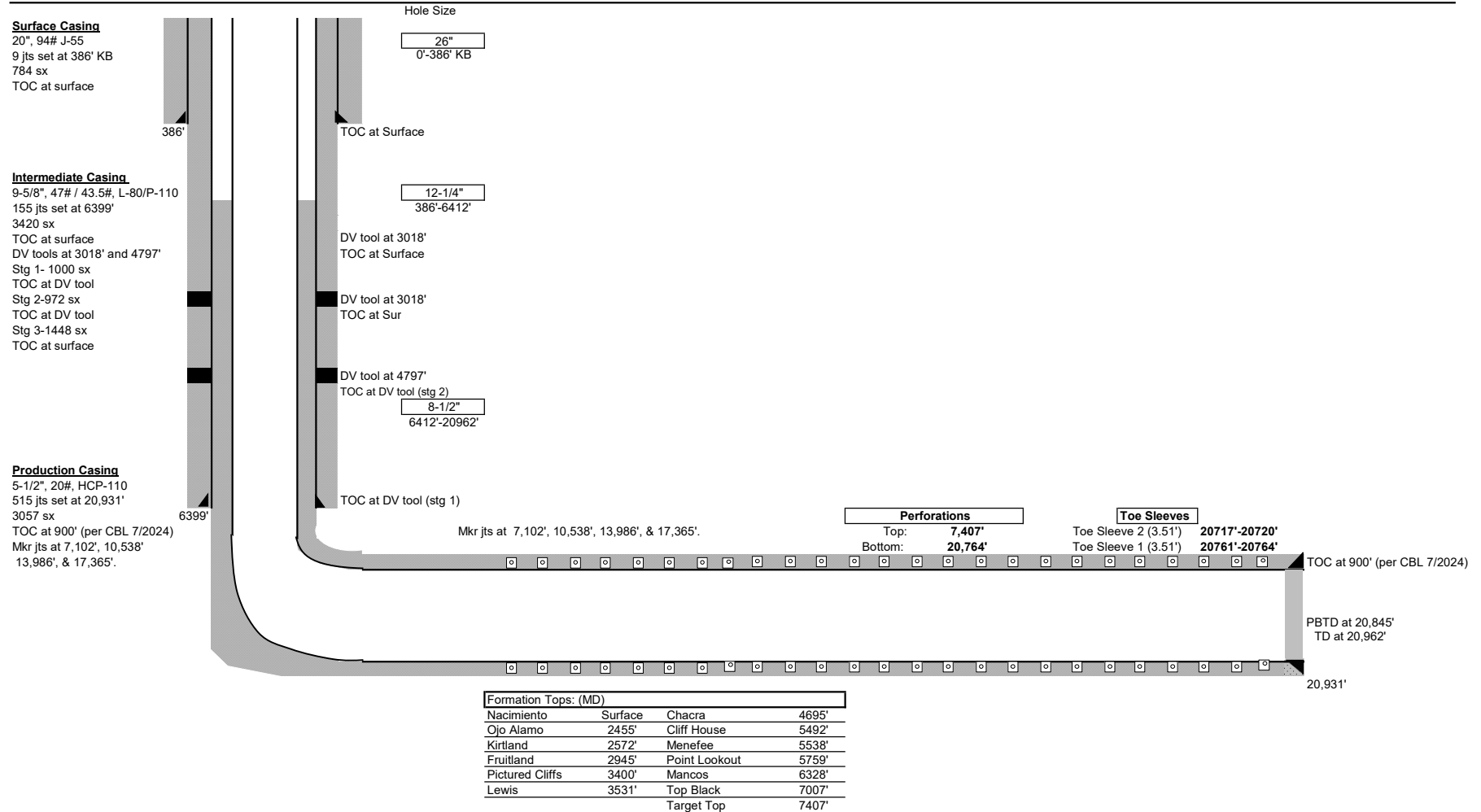
South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2455'	2417'	W
T. Yates				T. Kirtland	2572'	2531'	N/A
T. 7 Rivers				T. Fruitland	2945'	2895'	G
T. Queen				T. Pictured Cliffs	3400'	3340'	G
T. Grayburg				T. Lewis Shale	3531'	3468'	G
T. San Andres				T. Chacra	4695'	4602'	G
T. Glorieta				T. Cliff House	5492'	5367'	G
T. Yeso				T. Menefee	5538'	5411'	N/A
T. Paddock				T. Point Lookout	5759'	5623'	G
T. Blinebry				T. Mancos	6328'	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 706H
 Location: SHL - Sec 7, T31N, R05W, 2572' FSL, 1293' FEL
 County: Rio Arriba
 API #: 30-039-31437
 Co-ordinates: 36.913648, -107.399158 NAD83
 Operator: LOGOS Operating, LLC

Wellbore Schematic
 Ground Elevation: 6295'
 KB Elevation: 6325'
 TD (TVD): 6,940'
 TD (MD): 20,962'
 PBTD: 20,845'

Prepared By: 6/21/2024 Peace
 Reviewed By:
 Last Updated: 11/13/2024 Gomez
 Spud Date: 4/8/2024
 Completion Date: 10/13/2024
 Last Workover Date: N/A



From: blm-afmss-notifications@blm.gov
To: [Etta Trujillo](#)
Subject: Well Name: ROSA UNIT, Well Number: 706H, Acknowledgement of Submission for Well Completion
Date: Monday, November 18, 2024 12:08:30 PM

The Bureau of Land Management

Notice of receiving Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **706H**
- US Well Number: **3003931437**
- Well Completion Report Id: **WCR2024111893700**

This is to notify you that we have received your Well Completion Report. Thank you. If we need more information we will contact you.

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

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / NESE / 36.913792 / -107.399109	County or Parish/State: RIO ARRIBA / NM
Well Number: 706H	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: 300393143700S1	Operator: LOGOS OPERATING LLC	

Notification

Sundry ID:	2824559	Type of Action:	First Production
Type of Submission:	Notification		
Date Sundry Submitted:	Nov 26, 2024	Time Sundry Submitted:	8:51:10 AM
First Production Date:	Oct 17, 2024		
US Well Number:	3003931437	Wellbore Code	Completion Code
First Production Remarks:	First delivery date: 10/17/2024 TP: 0 CP: 2660 Initial MCF: 1177 MCF	00	S1
Disposition:	Accepted		
Accepted Date:	11/26/2024		

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 404378

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 404378
	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
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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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 404378

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 404378
	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.	1/17/2025