

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	<div style="text-align: right;"> C-104 Revised July 9, 2024 Submit Electronically Via OCD Permitting </div>
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REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Section 1 - Operator and Well Information

Submittal Type: <input type="checkbox"/> Test Allowable (C-104RT) <input checked="" type="checkbox"/> New Well (C-104NW) <input type="checkbox"/> Recomplete (C-104RC) <input type="checkbox"/> Pay Add (C-104RC) <input type="checkbox"/> Amended	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 701H	Property Code: 320608
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-31440
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		2633' FSL	1337' FEL	36.914017	-107.399307	Rio Arriba

Section 3 – Completion Information

Producing Method Flowing	Ready Date 10/17/2024	Perforations MD 7258' – 17,678'	Perforations TVD 6943' – 6911'
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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): 386914	Communitization Agreement <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. NMNM078407E
Surface Casing Action ID: 335993	Unit: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No, Order No. R-13457
Intermediate 1 Casing Action ID: 341678	Compulsory Pooling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 2 Casing Action ID: 365570	Down Hole Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Production Casing Action ID: 367168	Surface Commingling: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Non-standard Location: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.

Section 5 - Operator Signature and Certification

<input checked="" type="checkbox"/> I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
<input checked="" type="checkbox"/> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name <i>Etta Trujillo</i>	
Title Regulatory Specialist II	Date 11/19/2024



Request for Confidential "Tight Hole" Status

LOGOS Operating, LLC
Rosa Unit 701H
API# 30-039-31440
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 <input type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input checked="" type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number 30-039-31440	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 701H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6295'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
J	7	31N	5W		2633' SOUTH	1337' EAST	36.914017 °N	-107.399307 °W	RIO ARRIBA

Bottom Hole Location

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
L	11	31N	6W		2395' SOUTH	1064' WEST	36.913468 °N	-107.437589 °W	RIO ARRIBA

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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Consolidation Code Unitization
Order Numbers R-13457	Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
J	7	31N	5W		2428' SOUTH	1396' EAST	36.913454 °N	-107.399509 °W	RIO ARRIBA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
J	7	31N	5W		2392' SOUTH	1932' EAST	36.913356 °N	-107.401341 °W	RIO ARRIBA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet from N/S Line	Feet from E/W Line	Latitude	Longitude	County
L	11	31N	6W		2396' SOUTH	1244' WEST	36.913469 °N	-107.436973 °W	RIO ARRIBA

Unitized Area or Area of Uniform Interest ROSA UNIT	Spacing Unit Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> 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.

9/10/2024

Signature: Etta Trujillo Date: _____

Printed Name: **Etta Trujillo**

E-mail Address: etrujillo@logosresourcesllc.com

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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FIRST TAKE POINT (C)
 2392' FSL 1932' FEL
 SECTION 7, T31N, R5W
 LAT 36.913350° N
 LONG -107.400738° W
 DATUM: NAD1927

KICK OFF POINT (B)
 2428' FSL 1396' FEL
 SECTION 7, T31N, R5W
 LAT 36.913449° N
 LONG -107.398906° W
 DATUM: NAD1927

LAT 36.913356° N
 LONG -107.401341° W
 DATUM: NAD1983

LAT 36.913454° N
 LONG -107.399509° W
 DATUM: NAD1983

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

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

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

(RECORD) NB9 *53 00' W 1832.82'
 (MEASURED) SB9 *53 00' W 1832.26'

(RECORD) SB9 *54 E 2644.62'
 (MEASURED) NB9 *51 49' E 2646.13'

(RECORD) SB9 *54 E 2644.62'
 (MEASURED) NB9 *57 35' E 2646.27'

(RECORD) NB9 *57 35' E 2644.00'
 (MEASURED) SB9 *47 35' W 2651.82'

(RECORD) SB9 *50 E 1185.36'
 (MEASURED) NB9 *57 49' E 1178.25'

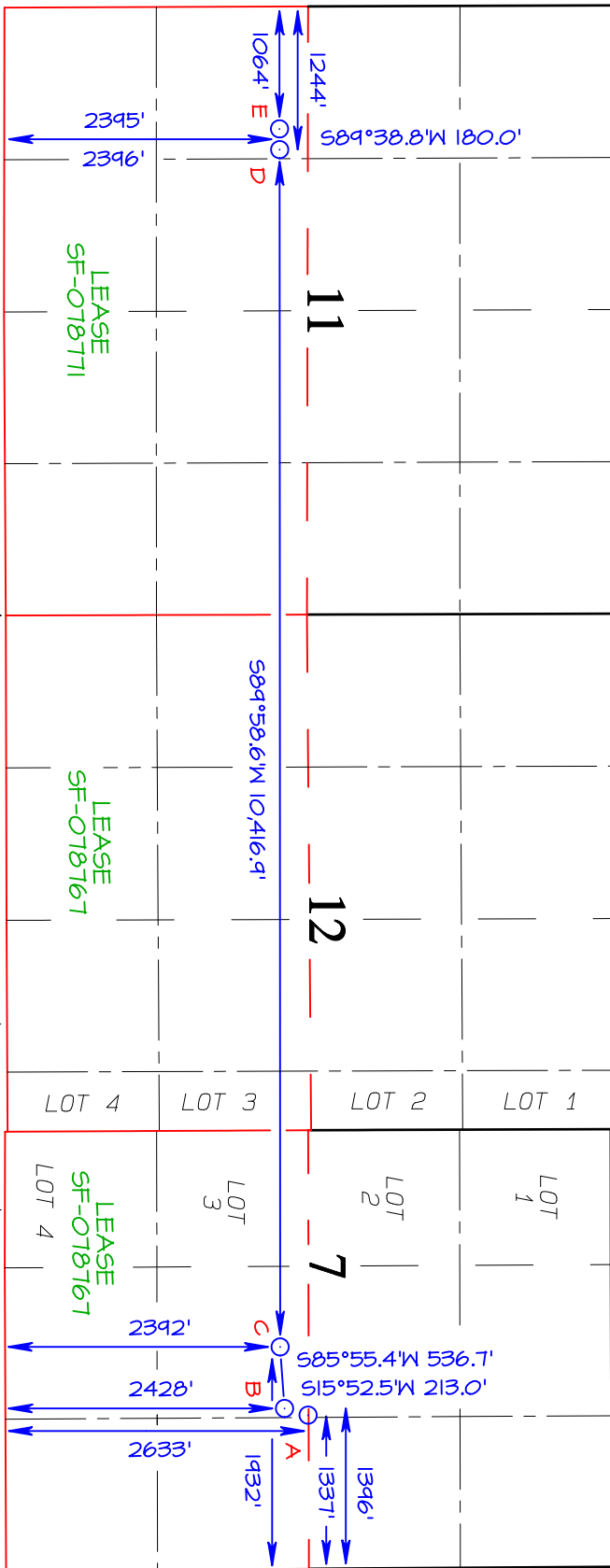
(RECORD) SB9 *50 E 2640.00'
 (MEASURED) NB9 *51 20' E 2630.31'

(RECORD) NO *03 E 2640.00'
 (MEASURED) NO *12 15' W 2641.61'

(RECORD) NO *03 E 2640.00'
 (MEASURED) NO *12 15' W 2641.61'

(MEASURED) NO *18 53' W 2634.41'
 (RECORD) NO *03 W 2640.00'

(MEASURED) NO *21 07' W 2633.33'
 (RECORD) NO *03 W 2640.00'



BOTTOM HOLE LOCATION (E)
 2395' FSL 1064' FWL
 SECTION 11, T31N, R5W
 LAT 36.913462° N
 LONG -107.436985° W
 DATUM: NAD1927

LAST TAKE POINT (D)
 2396' FSL 1244' FWL
 SECTION 11, T31N, R5W
 LAT 36.913463° N
 LONG -107.436369° W
 DATUM: NAD1927

(RECORD) NO *09 29' W 2619.66'
 (MEASURED) NO *03 E 2640.00'

(RECORD) NB9 *59 W 2640.00'
 (MEASURED) SB9 *51 05' W 2652.53'

(RECORD) NB9 *59 W 1838.76'
 (MEASURED) SB9 *44 50' W 1839.15'

(RECORD) NB9 *50 E 1186.68'
 (MEASURED) SB9 *53 36' E 1184.23'

(RECORD) NB9 *50 E 2640.00'
 (MEASURED) SB9 *45 33' E 2632.21'

(RECORD) NB9 *50 E 2640.00'
 (MEASURED) SB9 *50 E 1186.68'

LAT 36.913468° N
 LONG -107.437589° W
 DATUM: NAD1983

LAT 36.913469° N
 LONG -107.436973° W
 DATUM: NAD1983

(MEASURED) NO *17 25' W 2640.85'
 (RECORD) NORTH 2640.00'
 T31N R6W (RECORD)

(MEASURED) NO *17 37' W 2636.85'
 (RECORD) NORTH 2641.32'
 T31N R5W (RECORD)

LAT 36.914017° N
 LONG -107.399307° W
 DATUM: NAD1983

SURFACE LOCATION (A)
 2633' FSL 1337' FEL
 SECTION 7, T31N, R5W
 LAT 36.914011° N
 LONG -107.398704° W
 DATUM: NAD1927

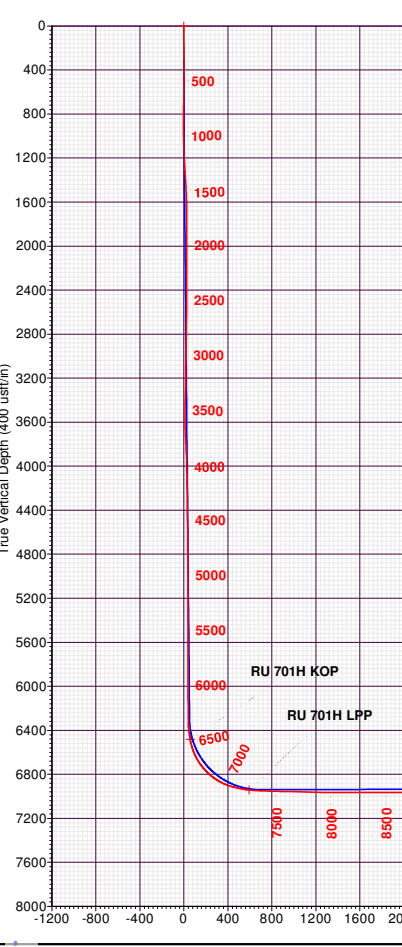
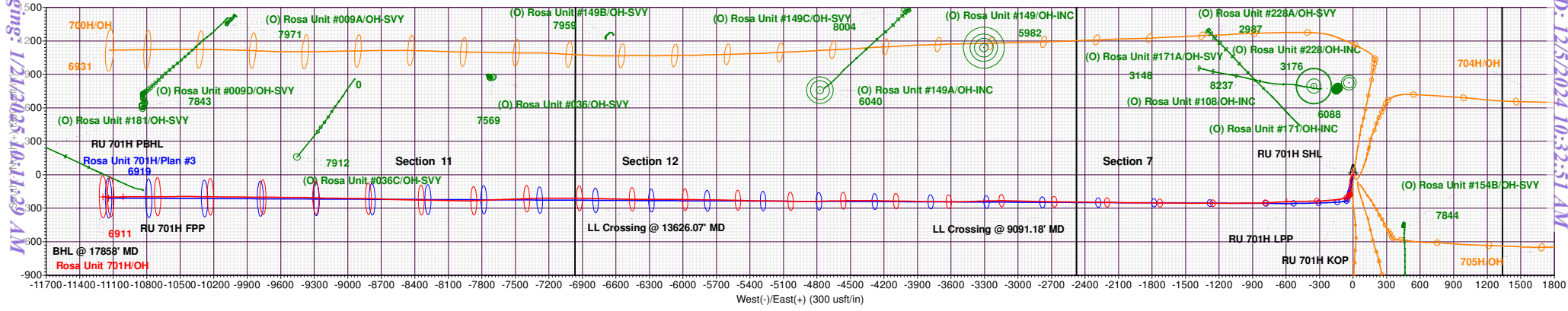


County: Rio Arriba, NM (NAD83)
 Site: Rosa Unit 24
 Well: Rosa Unit 701H
 Depth Reference: 6295+30 @ 6325.00usft (H&P 530)
 Rig: H&P 530
 Plan: OH
 Job #: 18355



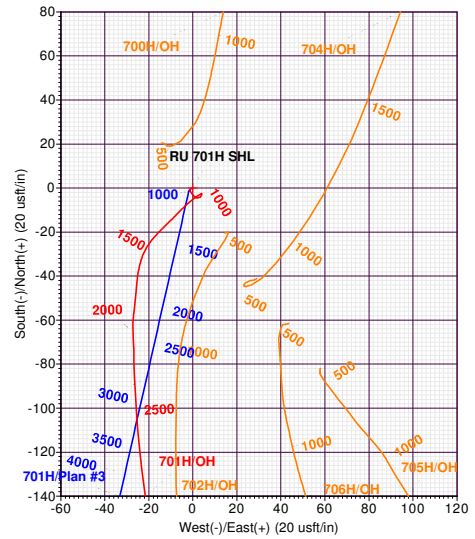
Released to Imaging: 1/21/2025 10:11:29 AM

Received by OCD: 12/5/2024 10:32:51 AM



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
9091.18	89.59	270.60	6969.20	-243.45	-2426.86	2425.73	2656.05	LL Crossing @ 9091.18' MD	
13626.07	91.25	271.06	6927.96	-209.83	-6960.56	6959.53	7190.44	LL Crossing @ 13626.07' MD	
17858.00	90.03	269.98	6910.66	-197.72	-11191.41	11190.40	11422.13	BHL @ 17858' MD	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
RU 701H SHL	0.00	0.00	0.00	2152318.02	2849973.79	36.914017	-107.399307
RU 701H KOP	6483.84	-204.80	-59.09	2152112.95	2849915.63	36.913454	-107.399509
RU 701H FPP	6910.49	-197.42	-11011.41	2152070.49	2838963.39	36.913469	-107.436973
RU 701H BHL	6910.66	-197.72	-11191.41	2152069.38	2838783.39	36.913468	-107.437589
RU 701H PBHL	6919.00	-208.45	-11141.63	2152058.87	2838833.22	36.913438	-107.437418
RU 701H LPP	6942.37	-240.53	-594.58	2152074.79	2849380.31	36.913356	-107.401341



T M Azimuths to True North
 Magnetic North: 8.46°

Magnetic Field
 Strength: 49366.3nT
 Dip Angle: 63.29°
 Date: 4/2/2024
 Model: HRGM

TOTAL CORRECTION: 8.46°

Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 24

Rosa Unit 701H

OH

Design: OH

Standard Survey Report

09 July, 2024

SDT Survey Report

Company: Logos Operating LLC	Local Co-ordinate Reference: Well Rosa Unit 701H
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 701H	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 701H			
Well Position +N/-S	0.00 usft	Northing: 2,152,318.01 usft	Latitude: 36.914017
+E/-W	0.00 usft	Easting: 2,849,973.79 usft	Longitude: -107.399307
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	49,366.33194801

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 7/9/2024		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
66.66	305.93	Survey #1 (OH)	Standard Keeper 104	Standard Wireline Keeper ver 1.0.4
447.00	17,789.00	Survey #2 (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction
17,858.00	17,858.00	Survey #3 (OH)	A026Ua_BLIND	OWSG BLIND

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
66.66	0.35	259.95	66.66	-0.04	-0.20	0.20	0.53	0.53	0.00
130.42	0.23	252.06	130.42	-0.11	-0.51	0.51	0.20	-0.19	-12.37
219.69	0.24	235.24	219.69	-0.27	-0.84	0.84	0.08	0.01	-18.84
305.93	0.42	216.39	305.93	-0.63	-1.17	1.17	0.24	0.21	-21.86
447.00	0.26	138.50	446.99	-1.28	-1.27	1.26	0.32	-0.11	-55.21
538.00	0.97	149.84	537.99	-2.10	-0.74	0.74	0.79	0.78	12.46
625.00	1.36	140.08	624.97	-3.53	0.29	-0.30	0.50	0.45	-11.22

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 701H
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 701H	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)	
719.00	1.10	92.44	718.95	-4.43	1.91	-1.93	1.09	-0.28	-50.68	
812.00	0.66	61.68	811.94	-4.21	3.27	-3.29	0.68	-0.47	-33.08	
904.00	1.19	19.67	903.93	-3.06	4.06	-4.07	0.90	0.58	-45.66	
989.00	0.48	238.78	988.92	-2.41	4.05	-4.06	1.87	-0.84	-165.75	
1,079.00	2.81	238.83	1,078.88	-3.75	1.84	-1.86	2.59	2.59	0.06	
1,169.00	3.77	227.09	1,168.73	-6.91	-2.22	2.18	1.30	1.07	-13.04	
1,263.00	4.39	224.28	1,262.49	-11.59	-6.99	6.94	0.69	0.66	-2.99	
1,389.00	5.71	225.86	1,388.00	-19.41	-14.86	14.77	1.05	1.05	1.25	
1,483.00	5.31	212.59	1,481.57	-26.33	-20.56	20.44	1.42	-0.43	-14.12	
1,578.00	5.10	194.22	1,576.19	-34.12	-23.96	23.81	1.76	-0.22	-19.34	
1,672.00	4.88	184.90	1,669.83	-42.16	-25.33	25.14	0.89	-0.23	-9.91	
1,767.00	4.48	185.96	1,764.51	-49.87	-26.06	25.83	0.43	-0.42	1.12	
1,861.00	4.00	187.19	1,858.26	-56.78	-26.85	26.59	0.52	-0.51	1.31	
1,956.00	3.38	179.98	1,953.06	-62.87	-27.26	26.98	0.81	-0.65	-7.59	
2,050.00	3.21	176.73	2,046.90	-68.26	-27.11	26.80	0.27	-0.18	-3.46	
2,144.00	3.38	178.05	2,140.75	-73.66	-26.87	26.53	0.20	0.18	1.40	
2,239.00	3.91	179.81	2,235.56	-79.70	-26.76	26.40	0.57	0.56	1.85	
2,334.00	4.22	175.94	2,330.32	-86.43	-26.50	26.11	0.44	0.33	-4.07	
2,428.00	4.70	177.52	2,424.03	-93.72	-26.09	25.67	0.53	0.51	1.68	
2,523.00	4.79	176.73	2,518.71	-101.57	-25.70	25.24	0.12	0.09	-0.83	
2,618.00	5.32	174.45	2,613.34	-109.91	-25.05	24.55	0.60	0.56	-2.40	
2,712.00	5.58	174.89	2,706.91	-118.80	-24.22	23.68	0.28	0.28	0.47	
2,807.00	5.89	172.25	2,801.44	-128.23	-23.15	22.57	0.43	0.33	-2.78	
2,901.00	6.28	173.65	2,894.91	-138.12	-21.93	21.30	0.44	0.41	1.49	
2,996.00	5.41	170.05	2,989.41	-147.70	-20.58	19.91	0.99	-0.92	-3.79	
3,091.00	4.31	173.30	3,084.07	-155.65	-19.39	18.68	1.19	-1.16	3.42	
3,185.00	3.21	169.52	3,177.87	-161.75	-18.50	17.77	1.20	-1.17	-4.02	
3,280.00	3.03	161.62	3,272.73	-166.75	-17.22	16.47	0.49	-0.19	-8.32	
3,360.00	2.99	159.05	3,352.62	-170.70	-15.81	15.04	0.18	-0.05	-3.21	
3,478.00	2.99	156.54	3,470.46	-176.40	-13.49	12.69	0.11	0.00	-2.13	
3,573.00	2.46	175.60	3,565.35	-180.71	-12.34	11.52	1.10	-0.56	20.06	
3,668.00	1.63	278.87	3,660.31	-182.53	-13.52	12.69	3.42	-0.87	108.71	
3,762.00	3.47	294.78	3,754.22	-181.13	-17.43	16.60	2.08	1.96	16.93	
3,857.00	3.14	317.94	3,849.06	-178.00	-21.78	20.97	1.44	-0.35	24.38	
3,952.00	3.15	321.76	3,943.92	-174.01	-25.14	24.35	0.22	0.01	4.02	
4,047.00	2.52	326.98	4,038.80	-170.21	-27.89	27.12	0.72	-0.66	5.49	
4,141.00	1.84	321.94	4,132.73	-167.29	-29.95	29.19	0.75	-0.72	-5.36	
4,236.00	0.70	267.78	4,227.71	-166.11	-31.47	30.71	1.62	-1.20	-57.01	
4,331.00	0.82	213.71	4,322.70	-166.70	-32.43	31.67	0.74	0.13	-56.92	
4,425.00	2.12	203.08	4,416.67	-168.86	-33.48	32.71	1.41	1.38	-11.31	
4,520.00	2.09	195.55	4,511.61	-172.15	-34.63	33.85	0.29	-0.03	-7.93	
4,582.00	1.37	195.07	4,573.58	-173.95	-35.13	34.34	1.16	-1.16	-0.77	
4,645.00	1.36	200.42	4,636.56	-175.38	-35.59	34.79	0.20	-0.02	8.49	

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 701H
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 701H	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)	
4,708.00	1.15	197.54	4,699.55	-176.68	-36.04	35.24	0.35	-0.33	-4.57	
4,803.00	1.27	194.83	4,794.52	-178.61	-36.59	35.78	0.14	0.13	-2.85	
4,897.00	1.14	192.07	4,888.50	-180.53	-37.06	36.24	0.15	-0.14	-2.94	
4,992.00	0.83	200.02	4,983.49	-182.10	-37.49	36.66	0.36	-0.33	8.37	
5,087.00	0.71	188.60	5,078.48	-183.33	-37.81	36.98	0.20	-0.13	-12.02	
5,181.00	0.76	188.92	5,172.47	-184.52	-38.00	37.16	0.05	0.05	0.34	
5,275.00	0.54	186.70	5,266.47	-185.58	-38.15	37.30	0.24	-0.23	-2.36	
5,307.00	0.17	202.08	5,298.47	-185.77	-38.18	37.34	1.18	-1.16	48.06	
5,370.00	0.27	227.89	5,361.47	-185.96	-38.33	37.48	0.22	0.16	40.97	
5,433.00	0.21	199.65	5,424.47	-186.17	-38.48	37.63	0.21	-0.10	-44.83	
5,559.00	0.32	184.94	5,550.46	-186.73	-38.58	37.74	0.10	0.09	-11.67	
5,622.00	0.44	203.61	5,613.46	-187.13	-38.70	37.85	0.27	0.19	29.63	
5,685.00	0.74	177.59	5,676.46	-187.76	-38.78	37.92	0.63	0.48	-41.30	
5,748.00	0.78	190.94	5,739.45	-188.59	-38.84	37.98	0.29	0.06	21.19	
5,811.00	0.30	263.51	5,802.45	-189.03	-39.08	38.23	1.19	-0.76	115.19	
5,874.00	0.24	181.99	5,865.45	-189.18	-39.25	38.39	0.56	-0.10	-129.40	
5,937.00	0.89	177.95	5,928.45	-189.80	-39.24	38.38	1.03	1.03	-6.41	
6,000.00	1.37	187.65	5,991.44	-191.03	-39.32	38.46	0.82	0.76	15.40	
6,063.00	1.20	185.01	6,054.42	-192.44	-39.48	38.61	0.29	-0.27	-4.19	
6,126.00	1.06	186.78	6,117.41	-193.67	-39.61	38.73	0.23	-0.22	2.81	
6,213.00	0.93	181.44	6,204.39	-195.18	-39.72	38.83	0.18	-0.15	-6.14	
6,284.00	0.66	178.80	6,275.39	-196.16	-39.73	38.84	0.38	-0.38	-3.72	
6,315.00	0.63	174.80	6,306.39	-196.51	-39.71	38.81	0.17	-0.10	-12.90	
6,410.00	8.17	246.38	6,401.05	-199.74	-45.85	44.95	8.41	7.94	75.35	
6,504.00	11.65	251.46	6,493.64	-205.44	-60.98	60.04	3.81	3.70	5.40	
6,599.00	20.11	256.53	6,584.93	-212.30	-86.00	85.04	9.02	8.91	5.34	
6,693.00	31.13	261.45	6,669.57	-219.70	-125.87	124.87	11.93	11.72	5.23	
6,788.00	40.83	265.34	6,746.37	-225.89	-181.25	180.22	10.49	10.21	4.09	
6,882.00	50.04	265.81	6,812.26	-231.03	-247.95	246.90	9.80	9.80	0.50	
6,977.00	60.93	268.20	6,866.01	-235.01	-326.00	324.93	11.65	11.46	2.52	
7,071.00	72.19	269.81	6,903.34	-236.45	-412.09	411.01	12.08	11.98	1.71	
7,166.00	78.01	269.10	6,927.76	-237.33	-503.85	502.77	6.17	6.13	-0.75	
7,260.00	83.83	266.84	6,942.59	-240.63	-596.56	595.47	6.63	6.19	-2.40	
7,355.00	87.75	266.58	6,949.56	-246.07	-691.13	690.01	4.14	4.13	-0.27	
7,449.00	88.62	267.67	6,952.54	-250.78	-784.97	783.82	1.48	0.93	1.16	
7,544.00	88.82	269.41	6,954.66	-253.20	-879.91	878.75	1.84	0.21	1.83	
7,638.00	88.59	269.69	6,956.79	-253.94	-973.88	972.72	0.39	-0.24	0.30	
7,733.00	88.55	269.93	6,959.16	-254.26	-1,068.85	1,067.69	0.26	-0.04	0.25	
7,827.00	88.45	269.92	6,961.62	-254.38	-1,162.82	1,161.65	0.11	-0.11	-0.01	
7,921.00	88.39	270.28	6,964.21	-254.21	-1,256.78	1,255.62	0.39	-0.06	0.38	
8,016.00	90.13	269.87	6,965.44	-254.09	-1,351.77	1,350.60	1.88	1.83	-0.43	
8,110.00	90.17	270.01	6,965.19	-254.19	-1,445.77	1,444.60	0.15	0.04	0.15	
8,205.00	90.24	270.23	6,964.85	-253.99	-1,540.77	1,539.60	0.24	0.07	0.23	
8,299.00	90.17	270.43	6,964.52	-253.45	-1,634.77	1,633.60	0.23	-0.07	0.21	

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 701H
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 701H	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)
8,394.00	89.93	270.66	6,964.43	-252.55	-1,729.76	1,728.60	0.35	-0.25	0.24
8,489.00	89.66	270.30	6,964.77	-251.75	-1,824.76	1,823.60	0.47	-0.28	-0.38
8,583.00	89.63	270.52	6,965.36	-251.08	-1,918.75	1,917.59	0.24	-0.03	0.23
8,678.00	89.73	270.64	6,965.89	-250.12	-2,013.75	2,012.59	0.16	0.11	0.13
8,772.00	89.53	271.04	6,966.49	-248.74	-2,107.74	2,106.58	0.48	-0.21	0.43
8,867.00	89.56	270.79	6,967.25	-247.22	-2,202.72	2,201.58	0.27	0.03	-0.26
8,961.00	89.60	270.99	6,967.94	-245.76	-2,296.71	2,295.57	0.22	0.04	0.21
9,056.00	89.29	271.15	6,968.86	-243.99	-2,391.68	2,390.55	0.37	-0.33	0.17
9,150.00	90.10	269.67	6,969.36	-243.31	-2,485.68	2,484.55	1.79	0.86	-1.57
9,245.00	89.90	270.98	6,969.36	-242.77	-2,580.67	2,579.55	1.39	-0.21	1.38
9,339.00	90.30	270.95	6,969.19	-241.19	-2,674.66	2,673.54	0.43	0.43	-0.03
9,434.00	90.61	271.37	6,968.44	-239.27	-2,769.64	2,768.52	0.55	0.33	0.44
9,528.00	90.81	271.16	6,967.27	-237.19	-2,863.61	2,862.50	0.31	0.21	-0.22
9,623.00	90.27	271.18	6,966.38	-235.25	-2,958.58	2,957.48	0.57	-0.57	0.02
9,717.00	89.50	271.99	6,966.57	-232.65	-3,052.55	3,051.46	1.19	-0.82	0.86
9,812.00	90.03	269.27	6,966.96	-231.61	-3,147.53	3,146.45	2.92	0.56	-2.86
9,906.00	90.37	268.73	6,966.63	-233.25	-3,241.51	3,240.42	0.68	0.36	-0.57
10,001.00	89.97	268.54	6,966.35	-235.51	-3,336.49	3,335.38	0.47	-0.42	-0.20
10,095.00	90.30	267.51	6,966.13	-238.75	-3,430.43	3,429.31	1.15	0.35	-1.10
10,190.00	91.45	269.69	6,964.67	-241.07	-3,525.38	3,524.25	2.59	1.21	2.29
10,285.00	91.24	270.44	6,962.44	-240.97	-3,620.36	3,619.22	0.82	-0.22	0.79
10,379.00	91.14	270.45	6,960.49	-240.24	-3,714.33	3,713.20	0.11	-0.11	0.01
10,474.00	90.50	270.87	6,959.13	-239.14	-3,809.32	3,808.19	0.81	-0.67	0.44
10,568.00	90.71	271.15	6,958.14	-237.48	-3,903.30	3,902.18	0.37	0.22	0.30
10,663.00	91.11	270.20	6,956.63	-236.37	-3,998.28	3,997.16	1.08	0.42	-1.00
10,757.00	89.26	270.80	6,956.33	-235.55	-4,092.27	4,091.16	2.07	-1.97	0.64
10,852.00	89.63	271.68	6,957.25	-233.49	-4,187.24	4,186.14	1.00	0.39	0.93
10,946.00	89.09	271.40	6,958.30	-230.96	-4,281.20	4,280.11	0.65	-0.57	-0.30
11,041.00	89.23	269.26	6,959.69	-230.42	-4,376.18	4,375.09	2.26	0.15	-2.25
11,135.00	89.83	269.74	6,960.46	-231.24	-4,470.17	4,469.08	0.82	0.64	0.51
11,229.00	89.16	269.29	6,961.29	-232.03	-4,564.17	4,563.07	0.86	-0.71	-0.48
11,324.00	89.43	268.69	6,962.46	-233.71	-4,659.14	4,658.04	0.69	0.28	-0.63
11,418.00	89.97	268.54	6,962.95	-235.98	-4,753.11	4,752.00	0.60	0.57	-0.16
11,512.00	90.91	269.56	6,962.23	-237.54	-4,847.10	4,845.97	1.48	1.00	1.09
11,607.00	90.50	269.87	6,961.06	-238.01	-4,942.09	4,940.96	0.54	-0.43	0.33
11,701.00	90.40	270.87	6,960.32	-237.40	-5,036.08	5,034.95	1.07	-0.11	1.06
11,796.00	90.61	271.15	6,959.49	-235.73	-5,131.06	5,129.94	0.37	0.22	0.29
11,890.00	90.77	270.98	6,958.35	-233.98	-5,225.04	5,223.92	0.25	0.17	-0.18
11,985.00	91.08	270.98	6,956.82	-232.36	-5,320.01	5,318.90	0.33	0.33	0.00
12,079.00	91.18	271.39	6,954.97	-230.41	-5,413.98	5,412.87	0.45	0.11	0.44
12,173.00	91.04	271.23	6,953.14	-228.26	-5,507.93	5,506.84	0.23	-0.15	-0.17
12,268.00	90.64	270.92	6,951.75	-226.48	-5,602.91	5,601.82	0.53	-0.42	-0.33
12,362.00	90.20	270.73	6,951.06	-225.13	-5,696.89	5,695.81	0.51	-0.47	-0.20

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 701H
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 701H	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)	
12,457.00	90.03	270.83	6,950.87	-223.84	-5,791.88	5,790.81	0.21	-0.18	0.11	
12,551.00	91.25	269.70	6,949.82	-223.40	-5,885.87	5,884.80	1.77	1.30	-1.20	
12,646.00	90.61	270.98	6,948.28	-222.84	-5,980.86	5,979.78	1.51	-0.67	1.35	
12,741.00	90.37	271.23	6,947.47	-221.00	-6,075.84	6,074.77	0.36	-0.25	0.26	
12,835.00	90.03	270.08	6,947.14	-219.93	-6,169.83	6,168.77	1.28	-0.36	-1.22	
12,929.00	91.58	270.02	6,945.82	-219.85	-6,263.82	6,262.75	1.65	1.65	-0.06	
13,024.00	91.24	270.24	6,943.48	-219.63	-6,358.79	6,357.72	0.43	-0.36	0.23	
13,119.00	91.55	270.39	6,941.17	-219.11	-6,453.76	6,452.70	0.36	0.33	0.16	
13,213.00	91.75	271.10	6,938.46	-217.89	-6,547.71	6,546.65	0.78	0.21	0.76	
13,308.00	91.65	271.10	6,935.64	-216.07	-6,642.65	6,641.60	0.11	-0.11	0.00	
13,403.00	91.65	271.71	6,932.91	-213.74	-6,737.58	6,736.54	0.64	0.00	0.64	
13,497.00	91.01	270.53	6,930.73	-211.90	-6,831.54	6,830.50	1.43	-0.68	-1.26	
13,592.00	91.38	271.17	6,928.75	-210.49	-6,926.50	6,925.48	0.78	0.39	0.67	
13,686.00	91.01	270.86	6,926.79	-208.83	-7,020.47	7,019.45	0.51	-0.39	-0.33	
13,781.00	91.25	269.51	6,924.91	-208.52	-7,115.45	7,114.43	1.44	0.25	-1.42	
13,876.00	91.45	269.17	6,922.67	-209.61	-7,210.41	7,209.39	0.42	0.21	-0.36	
13,970.00	91.65	269.32	6,920.13	-210.85	-7,304.37	7,303.34	0.27	0.21	0.16	
14,064.00	90.37	267.68	6,918.47	-213.31	-7,398.32	7,397.28	2.21	-1.36	-1.74	
14,159.00	90.50	267.67	6,917.75	-217.17	-7,493.24	7,492.18	0.14	0.14	-0.01	
14,254.00	90.50	268.40	6,916.92	-220.42	-7,588.18	7,587.10	0.77	0.00	0.77	
14,348.00	90.40	267.68	6,916.19	-223.64	-7,682.12	7,681.03	0.77	-0.11	-0.77	
14,443.00	90.24	267.27	6,915.65	-227.82	-7,777.03	7,775.91	0.46	-0.17	-0.43	
14,538.00	90.87	268.32	6,914.73	-231.48	-7,871.95	7,870.82	1.29	0.66	1.11	
14,632.00	90.24	270.45	6,913.82	-232.49	-7,965.93	7,964.80	2.36	-0.67	2.27	
14,726.00	90.24	270.57	6,913.43	-231.65	-8,059.93	8,058.80	0.13	0.00	0.13	
14,821.00	90.24	271.34	6,913.03	-230.07	-8,154.91	8,153.79	0.81	0.00	0.81	
14,915.00	90.67	271.30	6,912.29	-227.90	-8,248.89	8,247.77	0.46	0.46	-0.04	
15,009.00	89.76	270.93	6,911.93	-226.07	-8,342.87	8,341.76	1.05	-0.97	-0.39	
15,104.00	90.20	271.07	6,911.97	-224.42	-8,437.85	8,436.75	0.49	0.46	0.15	
15,198.00	89.80	271.53	6,911.97	-222.28	-8,531.83	8,530.73	0.65	-0.43	0.49	
15,292.00	89.76	272.42	6,912.33	-219.04	-8,625.77	8,624.69	0.95	-0.04	0.95	
15,387.00	88.25	271.18	6,913.98	-216.06	-8,720.70	8,719.63	2.06	-1.59	-1.31	
15,481.00	88.72	271.68	6,916.46	-213.71	-8,814.64	8,813.58	0.73	0.50	0.53	
15,576.00	89.66	270.32	6,917.80	-212.06	-8,909.61	8,908.56	1.74	0.99	-1.43	
15,670.00	90.13	270.44	6,917.98	-211.43	-9,003.61	9,002.56	0.52	0.50	0.13	
15,765.00	90.07	270.83	6,917.81	-210.38	-9,098.61	9,097.56	0.42	-0.06	0.41	
15,859.00	90.00	271.63	6,917.75	-208.36	-9,192.58	9,191.54	0.85	-0.07	0.85	
15,953.00	90.03	272.06	6,917.73	-205.34	-9,286.53	9,285.51	0.46	0.03	0.46	
16,048.00	90.44	270.78	6,917.34	-202.98	-9,381.50	9,380.48	1.41	0.43	-1.35	
16,142.00	90.10	269.95	6,916.90	-202.38	-9,475.50	9,474.48	0.95	-0.36	-0.88	
16,237.00	90.00	270.49	6,916.81	-202.02	-9,570.50	9,569.48	0.58	-0.11	0.57	
16,331.00	90.71	270.37	6,916.23	-201.31	-9,664.49	9,663.48	0.77	0.76	-0.13	
16,426.00	90.50	270.52	6,915.23	-200.58	-9,759.48	9,758.47	0.27	-0.22	0.16	

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 701H
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 701H	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)	
16,520.00	90.27	270.65	6,914.60	-199.62	-9,853.48	9,852.47	0.28	-0.24	0.14	
16,615.00	90.07	270.58	6,914.31	-198.60	-9,948.47	9,947.47	0.22	-0.21	-0.07	
16,709.00	90.03	270.06	6,914.23	-198.07	-10,042.47	10,041.47	0.55	-0.04	-0.55	
16,803.00	90.07	270.46	6,914.15	-197.64	-10,136.47	10,135.47	0.43	0.04	0.43	
16,897.00	90.00	270.60	6,914.09	-196.78	-10,230.46	10,229.47	0.17	-0.07	0.15	
16,991.00	89.93	271.30	6,914.15	-195.22	-10,324.45	10,323.46	0.75	-0.07	0.74	
17,085.00	90.20	269.76	6,914.04	-194.35	-10,418.44	10,417.45	1.66	0.29	-1.64	
17,180.00	90.60	269.54	6,913.38	-194.93	-10,513.44	10,512.45	0.48	0.42	-0.23	
17,275.00	90.67	269.80	6,912.33	-195.47	-10,608.43	10,607.44	0.28	0.07	0.27	
17,369.00	90.57	269.65	6,911.31	-195.93	-10,702.42	10,701.43	0.19	-0.11	-0.16	
17,463.00	90.54	269.61	6,910.40	-196.53	-10,796.42	10,795.42	0.05	-0.03	-0.04	
17,558.00	90.00	269.94	6,909.95	-196.91	-10,891.42	10,890.41	0.67	-0.57	0.35	
17,652.00	89.56	269.62	6,910.31	-197.27	-10,985.41	10,984.41	0.58	-0.47	-0.34	
17,746.00	89.97	269.91	6,910.70	-197.65	-11,079.41	11,078.40	0.53	0.44	0.31	
17,789.00	90.03	269.98	6,910.70	-197.69	-11,122.41	11,121.40	0.21	0.14	0.16	
17,858.00	90.03	269.98	6,910.66	-197.72	-11,191.41	11,190.40	0.00	0.00	0.00	
BHL @ 17858' MD										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RU 701H SHL - hit/miss target - Shape - Point	0.00	0.00	0.00	0.00	0.00	2,152,318.01	2,849,973.79	36.914017	-107.399307	
RU 701H BHL - actual wellpath hits target center - Point	0.00	0.00	6,910.66	-197.72	-11,191.41	2,152,069.38	2,838,783.40	36.913468	-107.437589	
RU 701H PBHL - actual wellpath misses target center by 23.54usft at 17789.00usft MD (6910.70 TVD, -197.69 N, -11122.41 E) - Point	0.00	0.00	6,919.00	-208.45	-11,141.63	2,152,058.87	2,838,833.23	36.913438	-107.437419	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
17,858.00	6,910.66	-197.72	-11,191.41	BHL @ 17858' MD	

Checked By: _____	Approved By: _____	Date: _____
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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-105 Revised July 9, 2024 Submit Electronically Via OCD Permitting
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Workover <input type="checkbox"/> Deepening <input type="checkbox"/> Plugback <input type="checkbox"/> Different Reservoir <input type="checkbox"/> C-144 Closure Attachment <input type="checkbox"/> Other	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 701H	Property Code: 320608
Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	API Number: 30-039-31440
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		2633'	South	1337'	East	Rio Arriba
BHL	L	11	31N	6W		2395'	South	1064'	West	Rio Arriba

Section 3 – Completion Information

Date T.D. Reached 7/4/2024	Total Measured Depth of Well 17,858' (TD)	Acid Volume (bbls) 1380 bbls	<input checked="" type="checkbox"/> Directional Survey Submitted <input type="checkbox"/> Deviation Survey Submitted
Date Rig Released 7/7/2024	Plug-Back Measured Depth 17,755'	Completion Fluid Used (bbls) 632,358	Were Logs Ran (Y/N) Y
Completion Date 10/5/2024	Perforations (MD and TVD) 7258' – 17,678' (MD) / 6943' – 6911' (TVD)	Completion Proppant Used (lbs) 23,509k	List Type of Logs Ran if applicable: Radial Bond log, Casing collars, Gamma Ray/VDL, Temp

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID: 335993	UIC Permit/Order (UIC wells only) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, Order No.
Intermediate 1 Casing Action ID: 341678	NOI Recomplete Action ID (if applicable): N/A
Intermediate 2 Casing Action ID: 365570	NOI Plugback Action ID (if applicable): N/A
Production Casing Action ID: 367168	Cement Squeeze Action ID (if applicable): N/A
Tubing Action ID: Pending	All casing was pressure tested in accordance with NMAC <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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 2125
24 hr Oil (bbls) 0	24 hr Gas (MCF) 1773 mcf	24 hr Water (bbls) 577 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>Etta Trujillo</i>	
Title Regulatory Specialist II	Date 11/19/2024

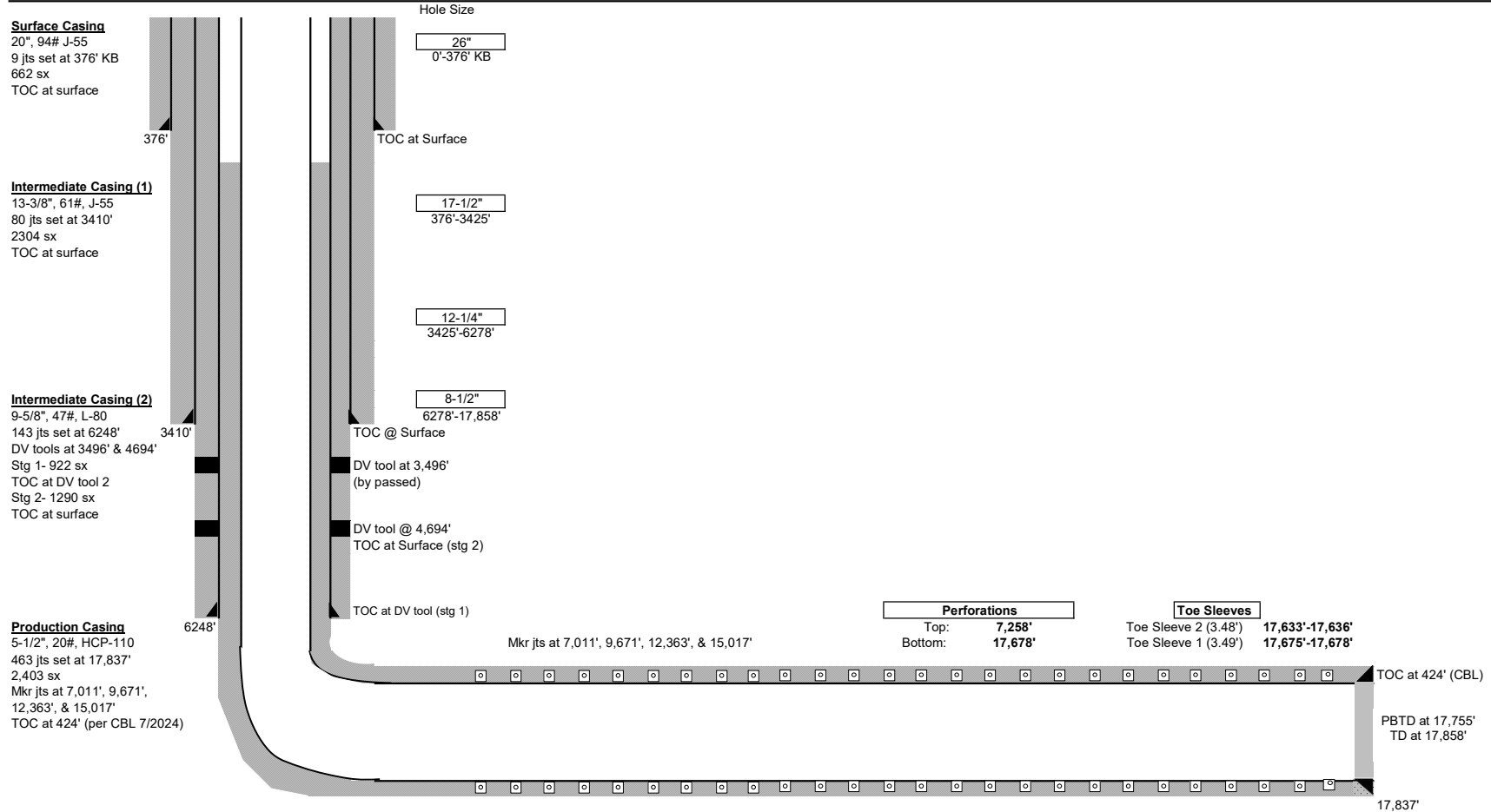
South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2406'	2402'	W
T. Yates				T. Kirtland	2527'	2523'	N/A
T. 7 Rivers				T. Fruitland	2889'	2883'	G
T. Queen				T. Pictured Cliffs	3343'	3335'	G
T. Grayburg				T. Lewis Shale	3481'	3473'	G
T. San Andres				T. Chacra	4610'	4602'	G
T. Glorieta				T. Cliff House	5381'	5373'	G
T. Yeso				T. Menefee	5431'	5423'	N/A
T. Paddock				T. Point Lookout	5636'	5628'	G
T. Blinebry				T. Mancos	6189'	6180'	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 701H
 Location: J- Sec 7, T31N, R05W, 2633' FSL, 1337' FEL
 County: Rio Arriba
 API #: 30-039-31440
 Co-ordinates: 36.914017, -107.399307 NAD83
 Operator: LOGOS Operating, LLC

Wellbore Schematic
 Ground Elevation: 6295'
 KB Elevation: 6325'
 TD (TVD): 6911'
 TD (MD): 17,858'
 PBTD: 17,755'

Prepared By: 7/15/2024 Peace
 Reviewed/Signed By: _____
 Last Updated: 11/13/2024 Gomez
 Spud Date: 4/12/2024
 Completion Date: 10/5/2024
 Last Workover Date: N/A



Formation Tops: (MD)			
Nacimiento	Surface	Chacra	4610'
Ojo Alamo	2406'	Cliff House	5381'
Kirtland	2527'	Menefee	5431'
Fruitland	2889'	Point Lookout	5636'
Pictured Cliffs	3343'	Mancos	6189'
Lewis	3481'	Top Black	6838'
		Target Top	7258'

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / NWSE / 36.914017 / -107.399307	County or Parish/State: RIO ARRIBA / NM
Well Number: 701H	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: 300393144000S1	Operator: LOGOS OPERATING LLC	

Notification

Sundry ID: 2824545

Type of Submission: Notification **Type of Action:** First Production

Date Sundry Submitted: Nov 26, 2024 **Time Sundry Submitted:** 8:40:22 AM

First Production Date: Oct 17, 2024

	Wellbore Code	Completion Code
US Well Number: 3003931440	00	S1

First Production Remarks: First delivery date: 10/17/2024
TP: 0 CP: 2125
Initial MCF: 1773 MCF

Disposition: Accepted

Accepted Date: 11/26/2024

From: blm-afmss-notifications@blm.gov
To: [Etta Trujillo](#)
Subject: Well Name: ROSA UNIT, Well Number: 701H, Notification of Well Completion Acceptance
Date: Monday, November 18, 2024 11:10:44 AM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **701H**
- US Well Number: **3003931440**
- Well Completion Report Id: **WCR2024111893701**

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
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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

ACKNOWLEDGMENTS

Action 405312

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 405312
	Action Type: [C-104] Completion Packet - Tight Hole/Confidential (C-104CT)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

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CONDITIONS

Action 405312

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 405312
	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