

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

Submittal Type: ☐ Test Allowable (C-104RT) ☒ New Well (C-104NW) ☐ Recomplete (C-104RC) ☐ Pay Add (C-104RC) ☐ Amended	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 606H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31435
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
H	22	31N	6W		1509' FNL	592' FEL	36.888235	-107.443205	RIO ARRIBA

Section 3 – Completion Information

Producing Method Flowing	Ready Date 11/11/24	Perforations MD 7,151'-16,139'	Perforations TVD 6857'-6834'
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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): 392005	Communitization Agreement ☒ Yes ☐ No, Order No. NMNM078407E
Surface Casing Action ID: 354684	Unit: ☒ Yes ☐ No, Order No. R-13457
Intermediate 1 Casing Action ID: 378134	Compulsory Pooling: ☐ Yes ☒ No, Order No.
Intermediate 2 Casing Action ID: 391372	Down Hole Commingling: ☐ Yes ☒ No, Order No.
Production Casing Action ID: 391911	Surface Commingling: ☐ Yes ☒ No, Order No.
All casing was pressure tested in accordance with NMAC ☒ Yes ☐ No	Non-standard Location: ☐ Yes ☒ No ☐ Common ownership Order No.
Liner 1 Action ID: N/A	Non-standard Proration: ☐ Yes ☒ No, Order No.
Casing was installed prior to OCD's Action ID system (Y/N): N	Simultaneous Dedication: ☐ Yes ☒ No, Order No.

Section 5 - Operator Signature and Certification

☒ I hereby certify that the required Water Use Report has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the required Fracfocus disclosure has been, or will be, submitted for this well's completion.	
☒ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.	
Name <i>Lacey Granillo</i>	
Title Regulatory Specialist	Date 10/11/24



Request for Confidential “Tight Hole” Status

LOGOS Operating, LLC
Rosa Unit #606H
API# 30-039-31435
Section 22 T31N R06W
Rio Arriba County, New Mexico

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

Sincerely,



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

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

WELL LOCATION INFORMATION

API Number 30-039-31435	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 606H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6260'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL H	Section 22	Township 31N	Range 6W	Lot	Feet from N/S Line 1509' NORTH	Feet from E/W Line 592' EAST	Latitude 36.888235 °N	Longitude -107.443205 °W	County RIO ARRIBA
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Bottom Hole Location

UL E	21	Township 31N	Range 6W	Lot	Feet from N/S Line 1579' NORTH	Feet from E/W Line 143' WEST	Latitude 36.887989 °N	Longitude -107.476697 °W	County RIO ARRIBA
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Dedicated Acres 640.00	Penetrated Spacing Unit: N/2 - Section 21, T31N, R6W N/2 - Section 22, T31N, R6W	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit ☐ Yes ☒ No	Consolidation Code UNITIZATION
Order Numbers R-13457			Well setbacks are under Common Ownership: ☐ Yes ☒ No		

Kick Off Point (KOP)

UL H	Section 22	Township 31N	Range 6W	Lot	Feet from N/S Line 1743' NORTH	Feet from E/W Line 622' EAST	Latitude 36.887593 °N	Longitude -107.443308 °W	County RIO ARRIBA
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First Take Point (FTP)

UL H	Section 22	Township 31N	Range 6W	Lot	Feet from N/S Line 1719' NORTH	Feet from E/W Line 1190' EAST	Latitude 36.887647 °N	Longitude -107.445250 °W	County RIO ARRIBA
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Last Take Point (LTP)

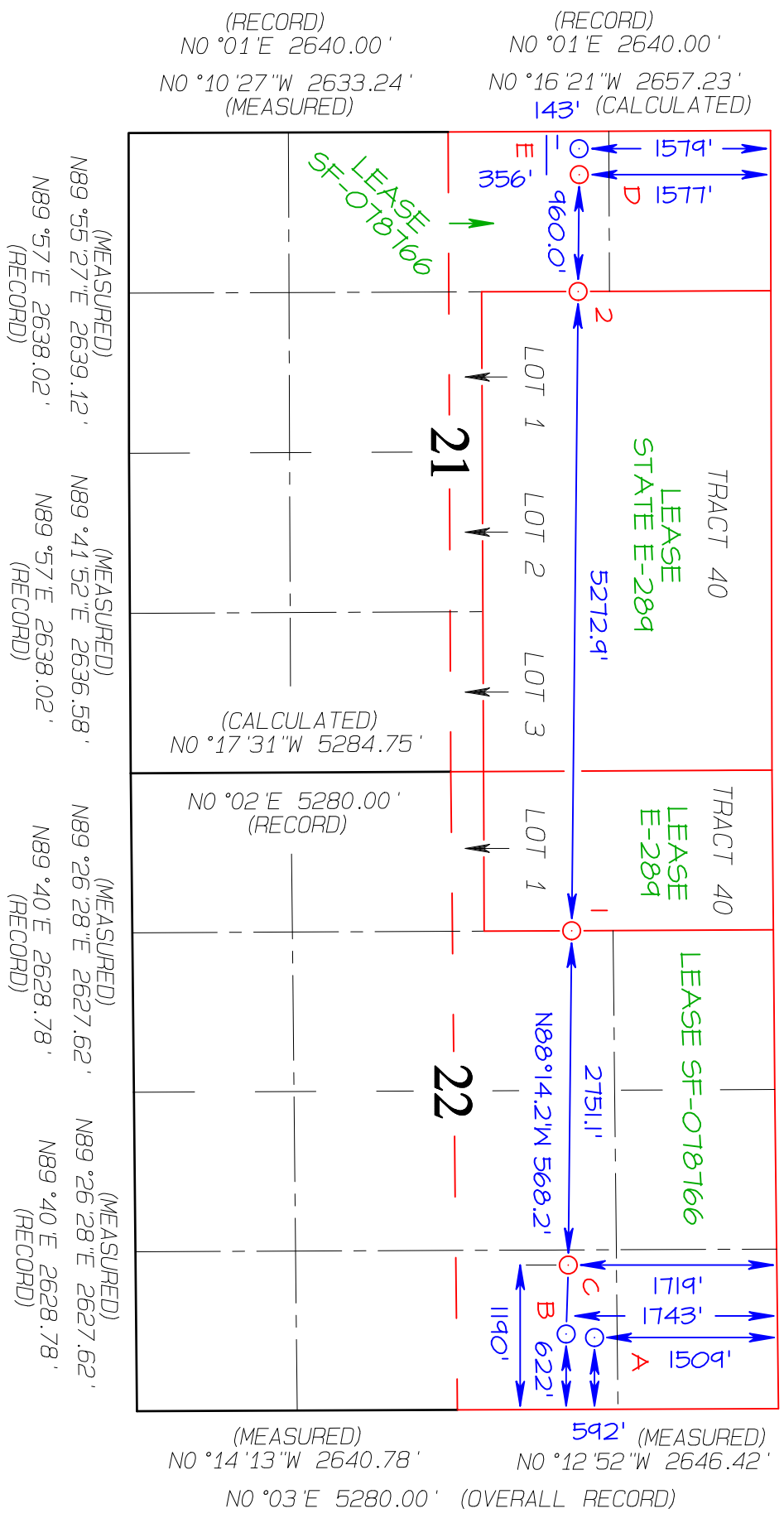
UL E	Section 21	Township 31N	Range 6W	Lot	Feet from N/S Line 1577' NORTH	Feet from E/W Line 356' WEST	Latitude 36.887992 °N	Longitude -107.475968 °W	County RIO ARRIBA
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Unitized Area or Area of Uniform Interest ROSA UNIT	Spacing Unit Type ☒ Horizontal ☐ Vertical ☐ Directional	Ground Floor Elevation 6230'
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OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. <u>Lacey Granillo</u> Signature <u>10/8/24</u> Date Lacey Granillo Printed Name <u>lgranillo@logosresourcesllc.com</u> 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 <table><tr><td>Certificate Number 15269</td><td>Date of Survey JANUARY 13, 2012</td></tr></table>	Certificate Number 15269	Date of Survey JANUARY 13, 2012
Certificate Number 15269	Date of Survey JANUARY 13, 2012		



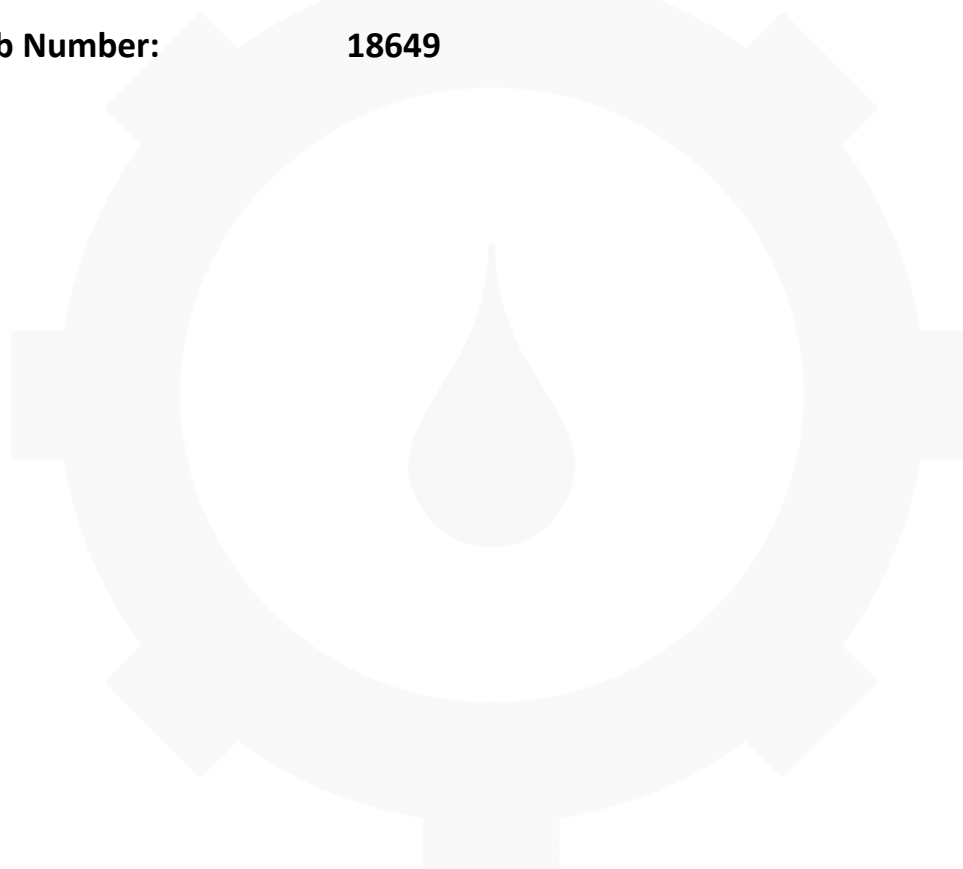
LAST TAKE POINT (D) 1577' FNL 356' FWL SEC 21, T31N, R6W LAT 36.887987°N LONG -107.475363°W DATUM: NAD1927	LEASE X-ING (2) 1589' FNL 1316' FWL SEC 21, T31N, R6W LAT 36.887950°N LONG -107.472081°W DATUM: NAD1927	LEASE X-ING (1) 1663' FNL 1318' FWL SEC 22, T31N, R6W LAT 36.887748°N LONG -107.454052°W DATUM: NAD1927	FIRST TAKE POINT (C) 1719' FNL 1190' FEL SEC 22, T31N, R6W LAT 36.887642°N LONG -107.444646°W DATUM: NAD1927	SURFACE LOCATION (A) 1509' FNL 592' FEL SEC 22, T31N, R6W LAT 36.888229°N LONG -107.442601°W DATUM: NAD1927
LAT 36.887992°N LONG -107.475968°W DATUM: NAD1983	LAT 36.887956°N LONG -107.472686°W DATUM: NAD1983	LAT 36.887754°N LONG -107.454657°W DATUM: NAD1983	LAT 36.887647°N LONG -107.445250°W DATUM: NAD1983	LAT 36.888235°N LONG -107.443205°W DATUM: NAD1983



**Innovative Drilling Solutions
Data-Driven Decision**



Well Name: Rosa Unit 606H
API Number: 3003931435
County: Rio Arriba County, NM
Scout Job Number: 18649



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

**Innovative Drilling Solutions
Data-Driven Decision**

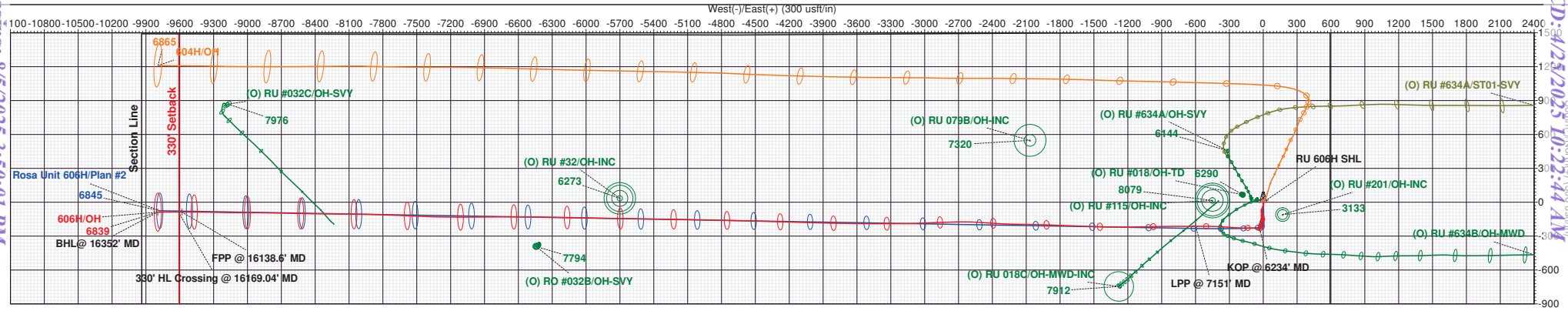


PROPOSED VS. ACTUAL PLOT FINAL SURVEY REPORT

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

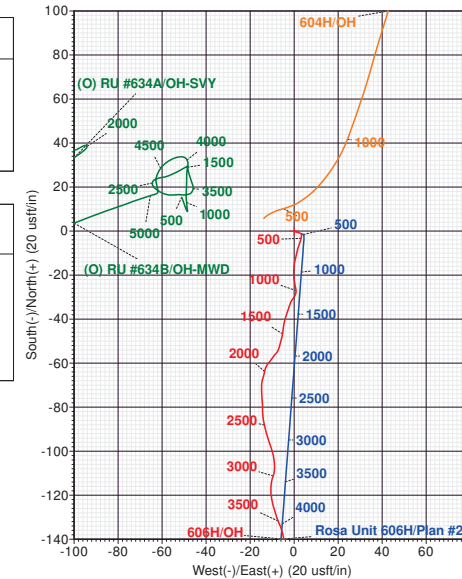


County: Rio Arriba, NM (NAD83)
 Site: Rosa Unit 9
 Well: Rosa Unit 606H
 Depth Reference: 6260+30 @ 6290.00usft (H&P 530)
 Rig: H&P 530
 Plan: OH
 Job #: 18649



ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
6234.00	3.78	255.79	6227.76	-233.74	-30.24	22.06	251.56	KOP @ 6234' MD	
7151.00	79.95	269.29	6856.80	-213.92	-598.10	590.27	819.12	LPP @ 7151' MD	
16138.60	88.97	269.82	6833.65	-86.64	-9581.19	9572.33	9804.78	FPP @ 16138.6' MD	
16169.04	88.86	269.81	6834.22	-86.74	-9611.63	9602.75	9835.21	330' HL Crossing @ 16169.04' MD	
16352.00	88.45	269.63	6838.77	-87.70	-9794.53	9785.50	10018.11	BHL @ 16352' MD	

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
RU 606H SHL	0.00	0.00	0.00	2142876.25	2837179.08	36.888235	-107.443205
RU 606H KOP	6227.76	-233.74	-30.24	2142642.40	2837149.80	36.887593	-107.443308
RU 606H FPP	6833.65	-86.64	-9581.19	2142750.45	2827598.32	36.887992	-107.475968
RU 606H BHL	6838.77	-87.70	-9794.53	2142748.52	2827384.99	36.887989	-107.476697
RU 606H LPP	6856.80	-213.92	-598.10	2142659.89	2836581.86	36.887647	-107.445250



Logos Operating LLC

Rio Arriba, NM (NAD83)

Rosa Unit 9

Rosa Unit 606H

OH

Design: OH

Standard Survey Report

24 September, 2024

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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 9				
Site Position:		Northing:	2,142,882.02 usft	Latitude:	36.888251
From:	Lat/Long	Easting:	2,837,165.31 usft	Longitude:	-107.443252
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "		

Well	Rosa Unit 606H					
Well Position	+N/-S	0.00 usft	Northing:	2,142,876.25 usft	Latitude:	36.888235
	+E/-W	0.00 usft	Easting:	2,837,179.08 usft	Longitude:	-107.443205
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	6,260.00 usft
Grid Convergence:		0.23 °				

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	HRGM	8/2/2024	8.46	63.25	49,303.89200824

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00		272.00

Survey Program	Date	9/24/2024			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
45.08	351.50	Survey #1 (OH)	Standard Keeper 105	Standard Wireline Keeper ver 1.0.5	
443.00	16,279.00	Survey #2 (OH)	MWD+HRGM+MS	MWD + HRGM + Multi-Station Correction	
16,352.00	16,352.00	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	
45.08	0.75	119.09	45.08	-0.14	0.26	-0.26	1.66	1.66	0.00	
123.72	0.68	102.91	123.71	-0.50	1.16	-1.18	0.27	-0.09	-20.57	
151.60	0.52	99.50	151.59	-0.56	1.45	-1.47	0.59	-0.57	-12.23	
181.62	0.54	100.30	181.61	-0.60	1.72	-1.74	0.07	0.07	2.66	
210.22	0.47	110.22	210.21	-0.67	1.96	-1.99	0.39	-0.24	34.69	
242.88	0.57	112.05	242.87	-0.78	2.24	-2.27	0.31	0.31	5.60	
271.43	0.56	108.69	271.42	-0.87	2.50	-2.53	0.12	-0.04	-11.77	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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)	
300.07	0.50	115.71	300.05	-0.97	2.75	-2.78	0.31	-0.21	24.51	
328.21	0.42	113.86	328.19	-1.07	2.95	-2.99	0.29	-0.28	-6.57	
351.50	0.45	109.76	351.48	-1.13	3.12	-3.16	0.19	0.13	-17.60	
443.00	0.93	184.88	442.98	-1.99	3.39	-3.46	1.01	0.52	82.10	
532.00	2.12	195.00	531.94	-4.30	2.91	-3.05	1.37	1.34	11.37	
620.00	2.98	201.25	619.86	-8.01	1.66	-1.93	1.03	0.98	7.10	
735.00	3.72	186.15	734.66	-14.50	0.17	-0.68	1.00	0.64	-13.13	
800.00	2.90	184.80	799.55	-18.24	-0.19	-0.45	1.27	-1.26	-2.08	
861.00	2.62	171.59	860.48	-21.16	-0.12	-0.62	1.14	-0.46	-21.66	
921.00	3.01	170.01	920.41	-24.06	0.36	-1.20	0.66	0.65	-2.63	
982.00	1.66	169.26	981.36	-26.51	0.80	-1.73	2.21	-2.21	-1.23	
1,042.00	1.31	189.73	1,041.34	-28.04	0.85	-1.82	1.05	-0.58	34.12	
1,103.00	1.58	208.56	1,102.32	-29.46	0.33	-1.35	0.89	0.44	30.87	
1,163.00	1.77	219.99	1,162.29	-30.90	-0.66	-0.41	0.64	0.32	19.05	
1,225.00	2.37	199.87	1,224.25	-32.84	-1.72	0.57	1.51	0.97	-32.45	
1,288.00	2.74	198.89	1,287.19	-35.49	-2.65	1.41	0.59	0.59	-1.56	
1,351.00	2.80	198.31	1,350.12	-38.38	-3.62	2.27	0.11	0.10	-0.92	
1,413.00	3.07	192.67	1,412.04	-41.43	-4.46	3.01	0.64	0.44	-9.10	
1,476.00	3.71	186.17	1,474.93	-45.11	-5.05	3.47	1.18	1.02	-10.32	
1,539.00	2.99	194.96	1,537.82	-48.72	-5.69	3.98	1.40	-1.14	13.95	
1,602.00	2.82	194.48	1,600.74	-51.81	-6.50	4.69	0.27	-0.27	-0.76	
1,666.00	1.82	205.01	1,664.68	-54.25	-7.32	5.43	1.69	-1.56	16.45	
1,728.00	1.68	225.33	1,726.66	-55.78	-8.39	6.43	1.02	-0.23	32.77	
1,791.00	1.86	213.33	1,789.63	-57.29	-9.60	7.60	0.65	0.29	-19.05	
1,886.00	2.09	220.98	1,884.57	-59.88	-11.59	9.49	0.37	0.24	8.05	
1,948.00	2.08	203.43	1,946.53	-61.77	-12.78	10.61	1.03	-0.02	-28.31	
2,011.00	2.50	191.12	2,009.48	-64.17	-13.50	11.25	1.02	0.67	-19.54	
2,074.00	2.82	198.00	2,072.41	-66.99	-14.24	11.89	0.72	0.51	10.92	
2,137.00	2.69	181.45	2,135.34	-69.94	-14.76	12.31	1.27	-0.21	-26.27	
2,200.00	2.47	179.73	2,198.28	-72.78	-14.79	12.24	0.37	-0.35	-2.73	
2,263.00	2.76	173.73	2,261.21	-75.64	-14.62	11.97	0.63	0.46	-9.52	
2,327.00	3.03	178.08	2,325.13	-78.86	-14.39	11.63	0.54	0.42	6.80	
2,390.00	2.96	179.95	2,388.04	-82.15	-14.33	11.46	0.19	-0.11	2.97	
2,452.00	3.14	169.97	2,449.96	-85.43	-14.04	11.05	0.90	0.29	-16.10	
2,515.00	3.03	168.12	2,512.86	-88.76	-13.39	10.29	0.24	-0.17	-2.94	
2,578.00	3.03	162.40	2,575.78	-91.97	-12.55	9.33	0.48	0.00	-9.08	
2,641.00	3.23	163.70	2,638.68	-95.26	-11.55	8.21	0.34	0.32	2.06	
2,704.00	3.28	158.68	2,701.58	-98.65	-10.39	6.94	0.46	0.08	-7.97	
2,767.00	2.69	170.23	2,764.50	-101.78	-9.49	5.93	1.33	-0.94	18.33	
2,830.00	2.20	171.23	2,827.44	-104.43	-9.05	5.40	0.78	-0.78	1.59	
2,893.00	2.52	181.16	2,890.38	-107.01	-8.89	5.15	0.82	0.51	15.76	
2,956.00	2.19	188.50	2,953.33	-109.59	-9.10	5.27	0.71	-0.52	11.65	
3,019.00	1.99	201.62	3,016.29	-111.80	-9.68	5.77	0.82	-0.32	20.83	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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)	
3,082.00	1.96	189.33	3,079.25	-113.88	-10.26	6.28	0.67	-0.05	-19.51	
3,145.00	2.69	184.30	3,142.20	-116.41	-10.54	6.47	1.20	1.16	-7.98	
3,208.00	2.28	175.50	3,205.14	-119.14	-10.56	6.39	0.89	-0.65	-13.97	
3,271.00	2.58	167.96	3,268.08	-121.77	-10.16	5.91	0.69	0.48	-11.97	
3,334.00	2.60	167.95	3,331.02	-124.56	-9.57	5.22	0.03	0.03	-0.02	
3,475.00	2.51	158.21	3,471.88	-130.55	-7.75	3.19	0.31	-0.06	-6.91	
3,569.00	2.77	156.37	3,565.78	-134.54	-6.08	1.38	0.29	0.28	-1.96	
3,664.00	1.16	178.76	3,660.72	-137.61	-5.14	0.33	1.85	-1.69	23.57	
3,758.00	0.89	157.86	3,754.71	-139.24	-4.84	-0.02	0.49	-0.29	-22.23	
3,853.00	1.02	164.38	3,849.70	-140.73	-4.34	-0.58	0.18	0.14	6.86	
3,947.00	1.05	144.57	3,943.68	-142.24	-3.61	-1.35	0.38	0.03	-21.07	
4,042.00	0.56	183.77	4,038.67	-143.41	-3.14	-1.87	0.75	-0.52	41.26	
4,136.00	0.78	140.68	4,132.67	-144.37	-2.76	-2.28	0.57	0.23	-45.84	
4,231.00	0.34	158.01	4,227.66	-145.13	-2.25	-2.82	0.49	-0.46	18.24	
4,325.00	0.80	130.35	4,321.66	-145.81	-1.64	-3.45	0.56	0.49	-29.43	
4,420.00	0.26	162.07	4,416.65	-146.45	-1.07	-4.04	0.63	-0.57	33.39	
4,514.00	0.20	87.73	4,510.65	-146.64	-0.84	-4.28	0.30	-0.06	-79.09	
4,609.00	1.03	189.73	4,605.65	-147.48	-0.82	-4.33	1.15	0.87	107.37	
4,703.00	1.67	200.76	4,699.62	-149.59	-1.45	-3.77	0.73	0.68	11.73	
4,797.00	2.33	209.61	4,793.56	-152.53	-2.88	-2.45	0.77	0.70	9.41	
4,891.00	2.62	214.08	4,887.47	-155.97	-5.03	-0.42	0.37	0.31	4.76	
4,985.00	2.26	203.04	4,981.39	-159.46	-6.96	1.39	0.63	-0.38	-11.74	
5,080.00	4.20	202.89	5,076.23	-164.39	-9.04	3.30	2.04	2.04	-0.16	
5,143.00	4.79	200.53	5,139.04	-168.98	-10.86	4.96	0.98	0.94	-3.75	
5,206.00	4.52	199.72	5,201.83	-173.78	-12.62	6.55	0.44	-0.43	-1.29	
5,269.00	4.51	200.26	5,264.64	-178.44	-14.32	8.08	0.07	-0.02	0.86	
5,332.00	4.38	193.85	5,327.45	-183.10	-15.75	9.35	0.81	-0.21	-10.17	
5,395.00	4.54	193.17	5,390.26	-187.86	-16.90	10.33	0.27	0.25	-1.08	
5,458.00	4.33	190.73	5,453.07	-192.63	-17.91	11.17	0.45	-0.33	-3.87	
5,521.00	4.33	190.56	5,515.89	-197.30	-18.79	11.89	0.02	0.00	-0.27	
5,584.00	4.54	194.87	5,578.70	-202.05	-19.86	12.80	0.63	0.33	6.84	
5,647.00	4.05	192.13	5,641.52	-206.63	-20.97	13.74	0.84	-0.78	-4.35	
5,710.00	3.90	196.20	5,704.37	-210.87	-22.03	14.66	0.51	-0.24	6.46	
5,773.00	3.42	200.99	5,767.24	-214.68	-23.30	15.80	0.90	-0.76	7.60	
5,836.00	2.97	202.53	5,830.14	-217.94	-24.60	16.98	0.73	-0.71	2.44	
5,899.00	2.81	197.02	5,893.06	-220.92	-25.68	17.95	0.51	-0.25	-8.75	
5,962.00	2.87	192.83	5,955.99	-223.94	-26.48	18.65	0.34	0.10	-6.65	
6,025.00	2.57	192.59	6,018.92	-226.85	-27.14	19.21	0.48	-0.48	-0.38	
6,087.00	2.12	196.02	6,080.86	-229.31	-27.76	19.74	0.76	-0.73	5.53	
6,161.00	1.90	201.80	6,154.82	-231.77	-28.59	20.49	0.40	-0.30	7.81	
6,205.00	1.80	203.00	6,198.80	-233.08	-29.13	20.98	0.24	-0.23	2.73	
6,234.00	3.78	255.79	6,227.76	-233.74	-30.24	22.06	10.52	6.83	182.03	
KOP @ 6234' MD										
6,300.00	10.43	274.08	6,293.23	-233.84	-38.32	30.13	10.52	10.07	27.72	

SDT Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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)	
6,395.00	16.96	275.24	6,385.48	-231.97	-60.72	52.59	6.88	6.87	1.22	
6,490.00	23.98	275.03	6,474.42	-229.00	-93.79	85.74	7.39	7.39	-0.22	
6,584.00	31.06	269.25	6,557.75	-227.64	-137.13	129.10	8.04	7.53	-6.15	
6,678.00	41.26	270.44	6,633.54	-227.72	-192.51	184.45	10.88	10.85	1.27	
6,773.00	49.66	274.00	6,700.13	-224.95	-260.09	252.08	9.23	8.84	3.75	
6,867.00	55.42	275.02	6,757.27	-219.06	-334.44	326.59	6.19	6.13	1.09	
6,962.00	66.75	271.20	6,803.15	-214.71	-417.32	409.57	12.43	11.93	-4.02	
7,056.00	73.57	270.31	6,835.03	-213.56	-505.68	497.92	7.31	7.26	-0.95	
7,150.00	79.86	269.27	6,856.62	-213.91	-597.12	589.29	6.78	6.69	-1.11	
7,151.00	79.95	269.29	6,856.80	-213.92	-598.10	590.27	9.53	9.37	1.77	
LPP @ 7151' MD										
7,245.00	88.76	270.92	6,866.03	-213.74	-691.55	683.67	9.53	9.37	1.74	
7,339.00	90.03	269.61	6,867.02	-213.31	-785.54	777.62	1.94	1.35	-1.39	
7,434.00	89.90	268.91	6,867.08	-214.53	-880.53	872.51	0.75	-0.14	-0.74	
7,528.00	89.63	268.88	6,867.47	-216.34	-974.51	966.37	0.29	-0.29	-0.03	
7,623.00	89.29	269.26	6,868.36	-217.89	-1,069.50	1,061.24	0.54	-0.36	0.40	
7,718.00	89.19	269.33	6,869.62	-219.06	-1,164.48	1,156.13	0.13	-0.11	0.07	
7,812.00	89.03	269.42	6,871.08	-220.08	-1,258.46	1,250.02	0.20	-0.17	0.10	
7,907.00	89.36	271.52	6,872.42	-219.30	-1,353.45	1,344.97	2.24	0.35	2.21	
8,001.00	88.99	271.50	6,873.77	-216.82	-1,447.40	1,438.96	0.39	-0.39	-0.02	
8,096.00	90.47	271.91	6,874.22	-214.00	-1,542.36	1,533.95	1.62	1.56	0.43	
8,190.00	90.27	272.13	6,873.61	-210.69	-1,636.30	1,627.95	0.32	-0.21	0.23	
8,285.00	90.00	272.10	6,873.39	-207.18	-1,731.23	1,722.95	0.29	-0.28	-0.03	
8,380.00	89.87	272.14	6,873.50	-203.66	-1,826.17	1,817.95	0.14	-0.14	0.04	
8,474.00	89.26	272.16	6,874.21	-200.14	-1,920.10	1,911.94	0.65	-0.65	0.02	
8,569.00	89.77	270.52	6,875.01	-197.92	-2,015.06	2,006.93	1.81	0.54	-1.73	
8,664.00	89.70	271.62	6,875.45	-196.14	-2,110.05	2,101.92	1.16	-0.07	1.16	
8,758.00	88.49	270.46	6,876.94	-194.44	-2,204.02	2,195.89	1.78	-1.29	-1.23	
8,853.00	89.50	272.78	6,878.60	-191.75	-2,298.96	2,290.86	2.66	1.06	2.44	
8,947.00	89.70	274.00	6,879.26	-186.19	-2,392.79	2,384.83	1.32	0.21	1.30	
9,042.00	90.91	273.98	6,878.76	-179.58	-2,487.55	2,479.77	1.27	1.27	-0.02	
9,136.00	90.44	271.87	6,877.65	-174.79	-2,581.42	2,573.75	2.30	-0.50	-2.24	
9,230.00	89.43	269.41	6,877.75	-173.74	-2,675.40	2,667.71	2.83	-1.07	-2.62	
9,325.00	89.73	268.34	6,878.45	-175.60	-2,770.38	2,762.57	1.17	0.32	-1.13	
9,419.00	88.15	267.87	6,880.19	-178.71	-2,864.31	2,856.33	1.75	-1.68	-0.50	
9,513.00	87.88	267.91	6,883.45	-182.17	-2,958.19	2,950.03	0.29	-0.29	0.04	
9,608.00	87.61	267.64	6,887.18	-185.85	-3,053.05	3,044.70	0.40	-0.28	-0.28	
9,702.00	88.42	269.03	6,890.44	-188.58	-3,146.95	3,138.45	1.71	0.86	1.48	
9,797.00	89.83	269.81	6,891.89	-189.55	-3,241.93	3,233.34	1.70	1.48	0.82	
9,891.00	89.60	269.95	6,892.36	-189.74	-3,335.93	3,327.27	0.29	-0.24	0.15	
9,986.00	88.79	269.76	6,893.69	-189.98	-3,430.92	3,422.20	0.88	-0.85	-0.20	
10,080.00	89.60	270.58	6,895.01	-189.70	-3,524.90	3,516.14	1.23	0.86	0.87	
10,174.00	89.19	270.55	6,896.01	-188.78	-3,618.89	3,610.10	0.44	-0.44	-0.03	

SDT

Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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)
10,268.00	90.57	271.19	6,896.20	-187.35	-3,712.88	3,704.08	1.62	1.47	0.68
10,363.00	90.17	271.10	6,895.59	-185.45	-3,807.86	3,799.07	0.43	-0.42	-0.09
10,457.00	89.63	271.35	6,895.75	-183.44	-3,901.84	3,893.06	0.63	-0.57	0.27
10,551.00	90.37	271.60	6,895.75	-181.02	-3,995.81	3,987.05	0.83	0.79	0.27
10,646.00	90.40	271.79	6,895.11	-178.21	-4,090.76	4,082.05	0.20	0.03	0.20
10,741.00	89.87	271.49	6,894.89	-175.49	-4,185.72	4,177.05	0.64	-0.56	-0.32
10,835.00	91.28	271.48	6,893.95	-173.06	-4,279.68	4,271.04	1.50	1.50	-0.01
10,929.00	91.71	271.81	6,891.50	-170.36	-4,373.61	4,365.00	0.58	0.46	0.35
11,024.00	91.18	271.57	6,889.10	-167.56	-4,468.54	4,459.97	0.61	-0.56	-0.25
11,118.00	90.54	271.41	6,887.69	-165.12	-4,562.50	4,553.96	0.70	-0.68	-0.17
11,212.00	90.20	271.26	6,887.08	-162.93	-4,656.47	4,647.95	0.40	-0.36	-0.16
11,307.00	89.39	271.35	6,887.42	-160.76	-4,751.44	4,742.94	0.86	-0.85	0.09
11,401.00	91.08	271.27	6,887.04	-158.61	-4,845.41	4,836.93	1.80	1.80	-0.09
11,496.00	91.31	271.22	6,885.05	-156.55	-4,940.37	4,931.90	0.25	0.24	-0.05
11,590.00	90.81	271.15	6,883.32	-154.61	-5,034.34	5,025.87	0.54	-0.53	-0.07
11,685.00	90.40	271.03	6,882.31	-152.80	-5,129.31	5,120.86	0.45	-0.43	-0.13
11,780.00	90.03	271.01	6,881.96	-151.11	-5,224.30	5,215.84	0.39	-0.39	-0.02
11,874.00	89.63	270.74	6,882.24	-149.67	-5,318.29	5,309.82	0.51	-0.43	-0.29
11,968.00	90.84	271.03	6,881.85	-148.22	-5,412.27	5,403.80	1.32	1.29	0.31
12,063.00	90.91	270.73	6,880.40	-146.76	-5,507.25	5,498.77	0.32	0.07	-0.32
12,157.00	90.91	270.85	6,878.91	-145.47	-5,601.23	5,592.74	0.13	0.00	0.13
12,252.00	90.37	270.59	6,877.84	-144.27	-5,696.21	5,687.71	0.63	-0.57	-0.27
12,346.00	91.41	271.21	6,876.38	-142.80	-5,790.19	5,781.68	1.29	1.11	0.66
12,441.00	91.38	271.59	6,874.07	-140.47	-5,885.13	5,876.65	0.40	-0.03	0.40
12,535.00	90.84	271.13	6,872.25	-138.24	-5,979.09	5,970.62	0.75	-0.57	-0.49
12,630.00	90.60	270.88	6,871.06	-136.58	-6,074.07	6,065.60	0.36	-0.25	-0.26
12,724.00	91.45	271.12	6,869.38	-134.94	-6,168.04	6,159.57	0.94	0.90	0.26
12,818.00	90.91	270.89	6,867.44	-133.29	-6,262.00	6,253.53	0.62	-0.57	-0.24
12,912.00	90.81	270.90	6,866.03	-131.82	-6,355.98	6,347.51	0.11	-0.11	0.01
13,007.00	92.52	270.75	6,863.27	-130.45	-6,450.93	6,442.44	1.81	1.80	-0.16
13,102.00	92.62	270.32	6,859.01	-129.57	-6,545.83	6,537.32	0.46	0.11	-0.45
13,196.00	92.52	269.91	6,854.79	-129.38	-6,639.73	6,631.17	0.45	-0.11	-0.44
13,291.00	92.35	269.88	6,850.76	-129.55	-6,734.64	6,726.02	0.18	-0.18	-0.03
13,386.00	92.25	269.49	6,846.95	-130.08	-6,829.57	6,820.87	0.42	-0.11	-0.41
13,480.00	92.09	269.45	6,843.39	-130.94	-6,923.49	6,914.71	0.18	-0.17	-0.04
13,574.00	91.95	269.37	6,840.07	-131.91	-7,017.43	7,008.55	0.17	-0.15	-0.09
13,669.00	90.54	270.52	6,838.01	-132.00	-7,112.40	7,103.47	1.92	-1.48	1.21
13,763.00	90.30	270.36	6,837.32	-131.28	-7,206.40	7,197.43	0.31	-0.26	-0.17
13,858.00	90.10	270.67	6,836.99	-130.43	-7,301.39	7,292.40	0.39	-0.21	0.33
13,952.00	90.24	272.49	6,836.71	-127.84	-7,395.35	7,386.39	1.94	0.15	1.94
14,047.00	90.00	272.38	6,836.51	-123.80	-7,490.27	7,481.39	0.28	-0.25	-0.12
14,141.00	90.81	272.46	6,835.85	-119.83	-7,584.18	7,575.38	0.87	0.86	0.09
14,236.00	90.47	272.32	6,834.78	-115.87	-7,679.09	7,670.37	0.39	-0.36	-0.15
14,330.00	90.07	272.12	6,834.34	-112.23	-7,773.02	7,764.37	0.48	-0.43	-0.21

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	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)
14,424.00	90.87	271.41	6,833.57	-109.33	-7,866.97	7,858.36	1.14	0.85	-0.76
14,519.00	91.31	271.14	6,831.76	-107.22	-7,961.93	7,953.34	0.54	0.46	-0.28
14,613.00	91.14	270.69	6,829.75	-105.72	-8,055.90	8,047.30	0.51	-0.18	-0.48
14,708.00	91.01	270.64	6,827.97	-104.62	-8,150.87	8,142.26	0.15	-0.14	-0.05
14,802.00	91.18	270.55	6,826.18	-103.64	-8,244.85	8,236.21	0.20	0.18	-0.10
14,897.00	91.08	270.35	6,824.30	-102.89	-8,339.83	8,331.16	0.24	-0.11	-0.21
14,991.00	89.23	271.14	6,824.05	-101.67	-8,433.82	8,425.13	2.14	-1.97	0.84
15,086.00	88.92	271.22	6,825.58	-99.72	-8,528.78	8,520.11	0.34	-0.33	0.08
15,180.00	90.50	271.15	6,826.06	-97.77	-8,622.76	8,614.10	1.68	1.68	-0.07
15,274.00	90.67	271.09	6,825.10	-95.93	-8,716.74	8,708.08	0.19	0.18	-0.06
15,368.00	90.03	271.13	6,824.52	-94.11	-8,810.72	8,802.07	0.68	-0.68	0.04
15,463.00	89.66	270.48	6,824.78	-92.78	-8,905.71	8,897.04	0.79	-0.39	-0.68
15,557.00	89.36	270.19	6,825.58	-92.23	-8,999.70	8,991.00	0.44	-0.32	-0.31
15,652.00	89.16	269.77	6,826.81	-92.26	-9,094.69	9,085.93	0.49	-0.21	-0.44
15,746.00	89.03	271.46	6,828.30	-91.25	-9,188.67	9,179.89	1.80	-0.14	1.80
15,840.00	89.23	271.12	6,829.72	-89.14	-9,282.64	9,273.87	0.42	0.21	-0.36
15,934.00	89.46	270.69	6,830.80	-87.65	-9,376.62	9,367.85	0.52	0.24	-0.46
16,029.00	89.19	270.38	6,831.92	-86.77	-9,471.61	9,462.81	0.43	-0.28	-0.33
16,123.00	89.03	269.83	6,833.38	-86.59	-9,565.60	9,556.75	0.61	-0.17	-0.59
16,138.60	88.97	269.82	6,833.65	-86.64	-9,581.19	9,572.33	0.37	-0.36	-0.05
FPP @ 16138.6' MD									
16,169.04	88.86	269.81	6,834.22	-86.74	-9,611.63	9,602.75	0.37	-0.36	-0.05
330' HL Crossing @ 16169.04' MD									
16,217.00	88.69	269.78	6,835.25	-86.91	-9,659.58	9,650.66	0.37	-0.36	-0.05
16,279.00	88.45	269.63	6,836.79	-87.23	-9,721.56	9,712.59	0.46	-0.39	-0.24
16,352.00	88.45	269.63	6,838.77	-87.70	-9,794.53	9,785.50	0.00	0.00	0.00
BHL@ 16352' MD									

SDT
Survey Report

Company:	Logos Operating LLC	Local Co-ordinate Reference:	Well Rosa Unit 606H
Project:	Rio Arriba, NM (NAD83)	TVD Reference:	6260+30 @ 6290.00usft (H&P 530)
Site:	Rosa Unit 9	MD Reference:	6260+30 @ 6290.00usft (H&P 530)
Well:	Rosa Unit 606H	North Reference:	True
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000 Multi User Db

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RU 606H SHL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	2,142,876.25	2,837,179.08	36.888235	-107.443205
RU 606H KOP - actual wellpath hits target center - Point	0.00	0.00	6,227.76	-233.74	-30.24	2,142,642.39	2,837,149.80	36.887593	-107.443309
RU 606H FPP - actual wellpath hits target center - Point	0.00	0.00	6,833.65	-86.64	-9,581.19	2,142,750.45	2,827,598.32	36.887993	-107.475968
RU 606H BHL - actual wellpath hits target center - Point	0.00	0.00	6,838.77	-87.70	-9,794.53	2,142,748.51	2,827,384.99	36.887989	-107.476698
RU 606H LPP - actual wellpath hits target center - Point	0.00	0.00	6,856.80	-213.92	-598.10	2,142,659.89	2,836,581.86	36.887647	-107.445250

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
6,234.00	6,227.76	-233.74	-30.24	KOP @ 6234' MD	
7,151.00	6,856.80	-213.92	-598.10	LPP @ 7151' MD	
16,138.60	6,833.65	-86.64	-9,581.19	FPP @ 16138.6' MD	
16,169.04	6,834.22	-86.74	-9,611.63	330' HL Crossing @ 16169.04' MD	
16,352.00	6,838.77	-87.70	-9,794.53	BHL@ 16352' MD	

Checked By:	_____	Approved By:	_____	Date:	_____
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AMENDED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Section 1 - Operator and Well Information

Submittal Type: ☒ New Well ☐ Workover ☐ Deepening ☐ Plugback ☐ Different Reservoir ☐ C-144 Closure Attachment ☐ Other	
Operator Name: LOGOS OPERATING, LLC	OGRID: 289408
Property Name and Well Number: ROSA UNIT 606H	Property Code: 320608
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal	API Number: 30-039-31435
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:	H	22	31N	6W		1509’	North	592’	East	Rio Arriba
BHL	E	21	31N	6W		1579’	North	143’	West	Rio Arriba

Section 3 – Completion Information

Date T.D. Reached 9/3/24	Total Measured Depth of Well 16,352 (TD)	Acid Volume (bbls) 1,119	☒ Directional Survey Submitted ☐ Deviation Survey Submitted
Date Rig Released 9/14/24	Plug-Back Measured Depth 16,228	Completion Fluid Used (bbls) 550,810	Were Logs Ran (Y/N) Yes
Completion Date 11/5/24	Perforations (MD and TVD) 7,151’-16,139 (MD)- 6,857’-6,834’ (TVD)	Completion Proppant Used (lbs) 20,702 lbs	List Type of Logs Ran if applicable: Radial Bond Log, Casing Collars, Gamma Ray/VDL

Section 4 – Action IDs for Submissions and Order Numbers

Surface Casing Action ID:	354684	UIC Permit/Order (UIC wells only) ☐ Yes ☐ No, Order No.
Intermediate 1 Casing Action ID:	378134	NOI Recomplete Action ID (if applicable):
Intermediate 2 Casing Action ID:	391372	NOI Plugback Action ID (if applicable):
Production Casing Action ID:	391911	Cement Squeeze Action ID (if applicable):
Tubing Action ID:	Pending	All casing was pressure tested in accordance with NMAC ☐ Yes ☐ No
Liner 1 Action ID:	N/A	Casing was installed prior to Action ID system (Y/N):

Section 5 – Test Data

Date First Production 11/11/24	Production Method Flowing	Well Status Flowing	Gas – Oil Ratio n/a
Date of Test 11/11/24	Choke Size 20/64	Flowing Tubing Pressure n/a	Casing Pressure 2261
24 hr Oil (bbls) 0	24 hr Gas (MCF) 1274	24 hr Water (bbls) 555	Oil Gravity – API n/a
Disposition of Gas: Sold			

Section 6 – Pits

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

☐ A Closed Loop System was used.

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

Section 7 - Operator Signature and Certification

☒ 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 Etta Trujillo	
Title Regulatory Specialist II	Date 3/2/25

South Formations				North Formations			
Formation/Zone	MD	TVD	W/O/G	Formation/Zone	MD	TVD	W/O/G
T. Anhy				T. San Jose			
T. Salt				T. Nacimiento			
B. Salt				T. Ojo Alamo	2330'	2328'	W
T. Yates				T. Kirtland	2436'	2434'	NA
T. 7 Rivers				T. Fruitland	2848'	2846'	G
T. Queen				T. Pictured Cliffs	3284'	3282'	G
T. Grayburg				T. Lewis Shale	3382'	3379'	G
T. San Andres				T. Chacra	4490'	4486'	G
T. Glorieta				T. Cliff House	5277'	5272'	G
T. Yeso				T. Menefee	5323'	5318'	NA
T. Paddock				T. Point Lookout	5571'	5565'	G
T. Blinebry				T. Mancos	6057'	6051'	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							

Prepared By:	9/10/2024	Peace
Reviewed/Signed By:		
Last Updated:	11/13/2024	Gomez
Spud Date:	6/5/2024	
Completion Date:	11/5/2024	
Last Workover Date:	N/A	



Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 22 / SENE / 36.888235 / -107.443205	County or Parish/State: RIO ARRIBA / NM
Well Number: 606H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931435	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2840108

Type of Submission: Subsequent Report

Date Sundry Submitted: 03/05/2025

Date Operation Actually Began: 09/26/2024

Type of Action: Other

Time Sundry Submitted: 09:38

Actual Procedure: Well Completion Total Completion Fluid Used: 550,810 bbls Total Completion Proppant Used: 20,702k lbs Perforation intervals Top: 7,151' (MD) 6,857' (TVD) Bottom: 16,139' (MD) 6,834 (TVD) Per the approved operations plan, the 2-7/8", 6.5#, J-55, EUE tubing will be run once volumes and pressures decline and could be close to a year after the well is brought online.

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 22 / SENE / 36.888235 / -107.443205	County or Parish/State: RIO ARRIBA / NM
Well Number: 606H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931435	Operator: LOGOS OPERATING LLC	

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: ETTA TRUJILLO

Signed on: MAR 05, 2025 09:39 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FarmingtonState: NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 03/05/2025

Signature: Kenneth Rennick

Form 3160-5
(June 2019)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021**SUNDRY NOTICES AND REPORTS ON WELLS**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NMSF078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

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

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

3b. Phone No. (include area code)
(505) 278-87207. If Unit of CA/Agreement, Name and/or No.
ROSA UNIT/NMNM78407E8. Well Name and No.
ROSA UNIT/606H

9. API Well No. 3003931435

10. Field and Pool or Exploratory Area
BASIN MANCOS/BASIN MANCOS4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC 22/T31N/R6W/NMP11. Country or Parish, State
RIO ARRIBA/NM

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

TYPE OF SUBMISSION	TYPE OF ACTION				
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off	
☒ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other	
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

Well Completion

Total Completion Fluid Used: 550,810 bbls

Total Completion Proppant Used: 20,702k lbs

Perforation intervals

Top: 7,151' (MD) 6,857' (TVD)

Bottom: 16,139' (MD) 6,834' (TVD)

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

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
ETTA TRUJILLO / Ph: (505) 324-4154Title
Regulatory Specialist

Signature (Electronic Submission)

Date
03/05/2025**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

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

Title
Petroleum EngineerDate
03/05/2025

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office
FARMINGTON

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

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

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

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

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

Response to this request is mandatory.

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

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

Additional Information

Location of Well

0. SHL: SENE / 1509 FNL / 592 FEL / TWSP: 31N / RANGE: 6W / SECTION: 22 / LAT: 36.888235 / LONG: -107.443205 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 3 / 0 FNL / 0 FEL / TWSP: 31N / RANGE: 6W / SECTION: 21 / LAT: 36.887614 / LONG: -107.445941 (TVD: 0 feet, MD: 0 feet)

PPP: LOT 1 / 0 FNL / 0 FEL / TWSP: 31N / RANGE: 6W / SECTION: 22 / LAT: 36.887614 / LONG: -107.445941 (TVD: 0 feet, MD: 0 feet)

PPP: SWNW / 1609 FNL / 330 FWL / TWSP: 31N / RANGE: 6W / SECTION: 21 / LAT: 36.887907 / LONG: -107.476057 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 1729 FNL / 1392 FEL / TWSP: 31N / RANGE: 6W / SECTION: 22 / LAT: 36.887614 / LONG: -107.445941 (TVD: 6857 feet, MD: 7151 feet)

BHL: SWNW / 1579 FNL / 143 FWL / TWSP: 31N / RANGE: 6W / SECTION: 21 / LAT: 36.887989 / LONG: -107.476697 (TVD: 6834 feet, MD: 16139 feet)

CONFIDENTIAL

From: blm-afmss-notifications@blm.gov
To: [Lacey Granillo](#)
Subject: Well Name: ROSA UNIT, Well Number: 606H, Notification of Well Completion Acceptance
Date: Friday, November 29, 2024 12:44:46 PM

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UNIT**
- Well Number: **606H**
- US Well Number: **3003931435**
- Well Completion Report Id: **WCR2024112993825**

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



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

Well Completion Print

11/27/2024

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Section 1 - General

Well Completion Report Id: 93825**Submission Date:** 11-27-2024**BLM Office:** Farmington Field Office**User:** LACEY GRANILLO**Title:** REGULATORY SPECIALIST**Federal/Indian:** FEDERAL**Lease Number:** NMSF78766**Lease Acres:****Agreement in place?:** YES**Federal or Indian Agreement:** FEDERAL**Agreement Number:****Agreement Name:****Additional Information****Keep this Well Completion Report confidential?:** YES**APD Operator:** LOGOS OPERATING LLC

Section 2 - Well

Field/Pool or Exploratory:**Pool Name:** BASIN MANCOS**Field Name:** BASIN MANCOS**Well Type:** CONVENTIONAL GAS**Spud Date:** 06-06-2024**Date Total Measured Depth Reached:** 09-03-2024**Drill & Abandon or Ready To Produce:** READY TO PRODUCE**Well Class:** HORIZONTAL

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Section 3 - Geologic

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral
NACIMIENTO	SANDSTONE, SHALE		6260	0	0	NONE	
OJO ALAMO	SANDSTONE, SHALE		3965	2328	2330	NONE	
KIRTLAND	SANDSTONE, SHALE		3860	2434	2436	NONE	
FRUITLAND	COAL, SANDSTONE, SHALE		3353	2846	2848	NATURAL GAS	
PICTURED CLIFFS	SANDSTONE, SHALE		3008	3282	3284	NATURAL GAS	
LEWIS	SHALE		2914	3379	3382	NATURAL GAS	
CHACRA	SANDSTONE		1808	4486	4490	NATURAL GAS	
CLIFFHOUSE	SANDSTONE		1011	5272	5277	NATURAL GAS	
MENEFEE	COAL, SANDSTONE, SHALE		966	5318	5323	NONE	
POINT LOOKOUT	SANDSTONE, SHALE		725	5565	5571	NATURAL GAS	
MANCOS	SANDSTONE, SHALE, SILTSTONE		241	6051	6057	NATURAL GAS	

Completion and Completed

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	S1	1	NMNM078407E	NMSF078766	NEW		PGW	11-05-2024	11-11-2024	MANCOS	7151	16139	Y	.35		OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbbls)	Total Proppant (lbs)	Treatment Remarks
00	S1	1	Y	FRAC	550810	20702	

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	S1	1			FLows FROM WELL		SOLD	

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	S1	1	11/11/2024	24	0	1274	555	0	20/64			2261

Well Location

Survey Type: RECTANGULAR

Survey Number:

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.888235	-107.443205	6260	N/A	N/A	FEDERAL	NMSF078766				1509	FNL	592	FEL	31N	6W	22	SENE
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887593	-107.443308	32	6234	6228	FEDERAL	NMSF078766				1743	FNL	622	FEL	31N	6W	22	SENE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887907	-107.476057	6260	0	0	FEDERAL	NMSF078766				1609	FNL	330	FWL	31N	6W	21	SWNW
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887614	-107.445941	6260	0	0	STATE	STATE				0	FNL	0	FEL	31N	6W	21	Lot 3

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	MD (ft)	TVD (ft)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887614	-107.445941	-597	7151	6857	FEDERAL	NMSF078766				1729	FNL	1392	FEL	31N	6W	22	SWNE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887614	-107.445941	6260	0	0	STATE	STATE				0	FNL	0	FEL	31N	6W	22	Lot 1
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887992	-107.475968	-597	7251	6857	FEDERAL	NMSF078766				1577	FNL	356	FWL	31N	6W	21	SWNW
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	RIO ARRIBA	36.887989	-107.476697	-574	16139	6834	FEDERAL	NMSF078766				1579	FNL	143	FWL	31N	6W	21	SWNW

Casing, Liner and Tubing

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	26	0	350	20.0	94	J-55		BUTT		
00	INTERMEDIATE	17.5	0	3372	9.625	61	J-55		LT&C		
00	INTERMEDIATE	12.25	0	6134	9.625	47	L-80		BUTT		
00	PRODUCTION	8.5	0	16322	5.5	20	HCP-110		LT&C		

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume
00	SURFACE		Class G	757	1.15	0					155
00	INTERMEDIATE		Lead POZ G	2042	1.9	0	Class G	532	1.1	0	795.2
00	INTERMEDIATE		Class G POZ	1014	1.9	0	Class G	235	1.58		409.3
00	PRODUCTION		NEOCEM	747	1.9	0	Class G	1216	1.98	0	681.6

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
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Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Tubing

Wellbore Code	Tubing Size	Describe Other	Tubing Setting Depth (MD/ft)	Packer Depth (MD/ft)	Tubing Weight	Tubing Grade	Describe Other	Tubing Coupling	Describe Other
00									

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name LOGOS OPERATING LLC	Well Name ROSA UNIT	Well Number 606H	US Well Number 3003931435
SHL SENE Sec 22 31N 6W	County RIO ARRIBA	State NM	Lease Number(s) NMSF078766
Well Type CONVENTIONAL GAS WELL	Well Status Drilling Well	Agreement Name	Agreement Number(s) NMNM078407E
Allottee/Tribe Name	Well Pad Name ROSA UNIT	Well Pad Number PAD 9	APD ID 10400088349

Operator

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: LOGOS OPERATING LLC

Signed By: LACEY GRANILLO	Title: REGULATORY SPECIALIST	Signed on: 11/27/2024
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Street Address: 2010 AFTON PLACE

City: FARMINGTON	State: NM	Zip: 87401
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Phone: (505)324-4145

Email address: LGRANILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City:	State:	Zip:
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Phone:	Extension:
---------------	-------------------

Email address:

Attachments

- Rosa_Unit_606H___5.5in_RCBL_20241127124149.pdf
- SUBMITTED_Logos___Rosa_Unit_606H_EOWR_20241127124205.pdf
- 3.606H_ROSA_UNIT_AS_DRILLED_C_102_signed_20241127124215.pdf
- Rosa_Unit_606H_As_Completed_Well_Schematic_public_20241127124224.pdf

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

ACKNOWLEDGMENTS

Action 455691

ACKNOWLEDGMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 455691
	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

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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 455691

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 455691
	Action Type: [C-104] Completion Packet - Tight Hole/Confidential (C-104CT)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	8/5/2025