

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Erin Taylor
Acting Cabinet Secretary

Ben Shelton
Deputy Secretary

Albert C.S. Chang
Division Director
Oil Conservation Division



ADMINISTRATIVE NON-STANDARD SPACING UNIT

Paula M. Vance
pmvance@hollandhart.com

Administrative Order NSP – 2419

Logos Operating, LLC [OGRID 289408]

Rosa Unit Well No. 672H (30-039-31492)

Rosa Unit Well No. 674H (30-039-31493)

Rosa Unit Well No. 694H (30-039-31494)

HSU (*): Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, T31N, R05W, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, T31N, R06W, Rio Arriba County, New Mexico

Reference is made to your application received on May 8th, 2026.

You have requested approval of a non-standard horizontal spacing unit to be included in your proposed horizontal spacing unit, as follows:

Proposed Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
HSU above (*)	1471.58	Basin Mancos	97232

NSP – 2419
Logos Operating, LLC
Page 2 of 2

You have requested an exception pursuant to Rule 19.15.16.15(A)(3) NMAC, to approve a non-standard horizontal spacing unit consisting of the entire area described above as the horizontal spacing unit. The proposed horizontal spacing unit does not consist of a quarter section or equivalent in both sections, as required by Rule 19.15.16.15(B)(3) NMAC.

We understand that you are seeking this exception for an allowance to create a non-standard horizontal spacing unit, comprised of the Proposed Horizontal Spacing Unit referenced above within Rio Arriba County, New Mexico.

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units which are to be being included.

You have requested this non-standard horizontal spacing unit as your optimized spacing pattern for development within the Basin Mancos formation underlying Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, T31N, R05W, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, T31N, R06W within the referenced Horizontal Spacing Unit. Thus, preventing waste and protecting the correlative rights within the pool/formation and adjacent tracts.

Pursuant to the authority conferred by Division Rule 19.15.16.15(B)(5) NMAC, the above-described **non-standard horizontal spacing unit is hereby approved**. Further, the Applicant may add additional wells to the non-standard spacing unit, the well(s) must be in the same horizontal spacing unit and pool/formation. The new well's APD shall reference this NSP order number on Form C-102 with an adjacent letter stating this request.

General Provisions

The above approvals are subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 19.15.5.9 NMAC.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



Albert C.S. Chang
Division Director
AC/lrl

Date: 07/02/2026

ID NO. 583394

NSP - 2419

Revised March 23, 2017

RECEIVED: 05/08/26	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505

**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND
 REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: LOGOS Operating, LLC **OGRID Number:** 289408
Well Name: Rosa Unit 672H, 674H, and 694H **API:** 30-039-various
Pool: Basin Mancos **Pool Code:** 97232

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION
 INDICATED BELOW**

1) TYPE OF APPLICATION: Check those which apply for [A]

A. Location – Spacing Unit – Simultaneous Dedication

☐ NSL☐ NSP (PROJECT AREA)☒ NSP (PRORATION UNIT)☐ SD

B. Check one only for [I] or [II]

[I] Commingling – Storage – Measurement

☐ DHC☐ CTB☐ PLC☐ PC☐ OLS☐ OLM

[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery

☐ WFX☐ PMX☐ SWD☐ IPI☐ EOR☐ PPR**2) NOTIFICATION REQUIRED TO:** Check those which apply.A. ☒ Offset operators or lease holdersB. ☐ Royalty, overriding royalty owners, revenue ownersC. ☐ Application requires published noticeD. ☒ Notification and/or concurrent approval by SLOE. ☒ Notification and/or concurrent approval by BLMF. ☐ Surface ownerG. ☐ For all of the above, proof of notification or publication is attached, and/or,H. ☐ No notice required**FOR OCD ONLY**☐ Notice Complete☐ Application
Content
Complete

3) CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

May 8, 2026

Date

Paula M. Vance

Print or Type Name

505-988-4421

Phone Number

pmvance@hollandhart.com

e-mail Address

Signature



Paula M. Vance
Associate
Phone (505) 954-7286
PMVance@hollandhart.com

May 8 2026

VIA ONLINE FILING

Albert Chang, Division Director
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of LOGOS Operating, LLC for administrative approval of a 1,471.58-acre non-standard horizontal spacing unit comprised of Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, Township 31 North, Range 5 West, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, Township 31 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

Dear Mr. Chang:

LOGOS Operating, LLC ("LOGOS") (OGRID No. 289408), pursuant to Division Rules 19.15.16.15(B)(5) and 19.15.15.11.B NMAC and applicable rules governing acreage and well spacing requirements for the Basin Mancos [97232], seeks administrative approval of a non-standard 1,471.58-acre, more or less, horizontal spacing unit comprised of Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, Township 31 North, Range 5 West, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, Township 31 North, Range 6 West, NMPM, Rio Arriba County, New Mexico. The non-standard spacing unit will be dedicated to the following wells:

- **Rosa Unit 672H** (API No. 30-039-31492)
- **Rosa Unit 674H** (API No. 30-039-31493)
- **Rosa Unit 694H** (API No. 30-039-31494)

T 505.988.4421 F 505.983.6043
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208
www.hollandhart.com

Alaska
Colorado
Idaho

Montana
Nevada
New Mexico

Utah
Washington, D.C.
Wyoming

Approval of this non-standard spacing unit is necessary to continue LOGOS's identified optimized spacing pattern for development of the Mancos Shale in consideration of existing productive wells lying fully within the Mancos Participating Area in the Rosa Federal Exploratory Unit (the "Rosa Unit"). Formation of the NSP allows optimized development of a 9.350 acre tract, being Lot 5 of irregular Section 2, Township 31 North, Range 6 West (the "Non-Rosa Tract"), which is not included within the Rosa Unit but is completely surrounded by lands included in the Rosa Unit. Absent formation of the NSP, it is likely that development of this area would proceed using solely intra-Rosa Unit spacing and excluding of the Non-Rosa Tract). Use of sub-optimal spacing to avoid formation of the NSP would likely produce economic waste in development via over-stimulation of the same reservoir with multiple wellbores, would likely fail to fully develop the Mancos Shale resources underlying the Non-Rosa Tract with the currently-proposed wells, and may result in the Non-Rosa Tract being stranded in a manner that would prevent future development of the Mancos Shale resources underlying same.

Exhibit A is a map showing the proposed non-standard spacing unit, the subject leases, and the proposed wells, along with an outline of the Rosa Unit.

Exhibit B is a Form C-102 for each of the wells within the proposed non-standard spacing unit.

Exhibit C is a spreadsheet listing all "affected persons"¹ in the affected offset acreage to be noticed. Exhibit C also includes tracking information demonstrating that each of the affected persons was sent a copy of this application with all attachments by certified mail advising that any objections must be filed in writing with the Division within 20 days from the date the Division receives the application. A copy of this application has been provided to the New Mexico State Land Office and Bureau of Land Management since state and federal lands are involved.

Your attention to this matter is appreciated.

Sincerely,

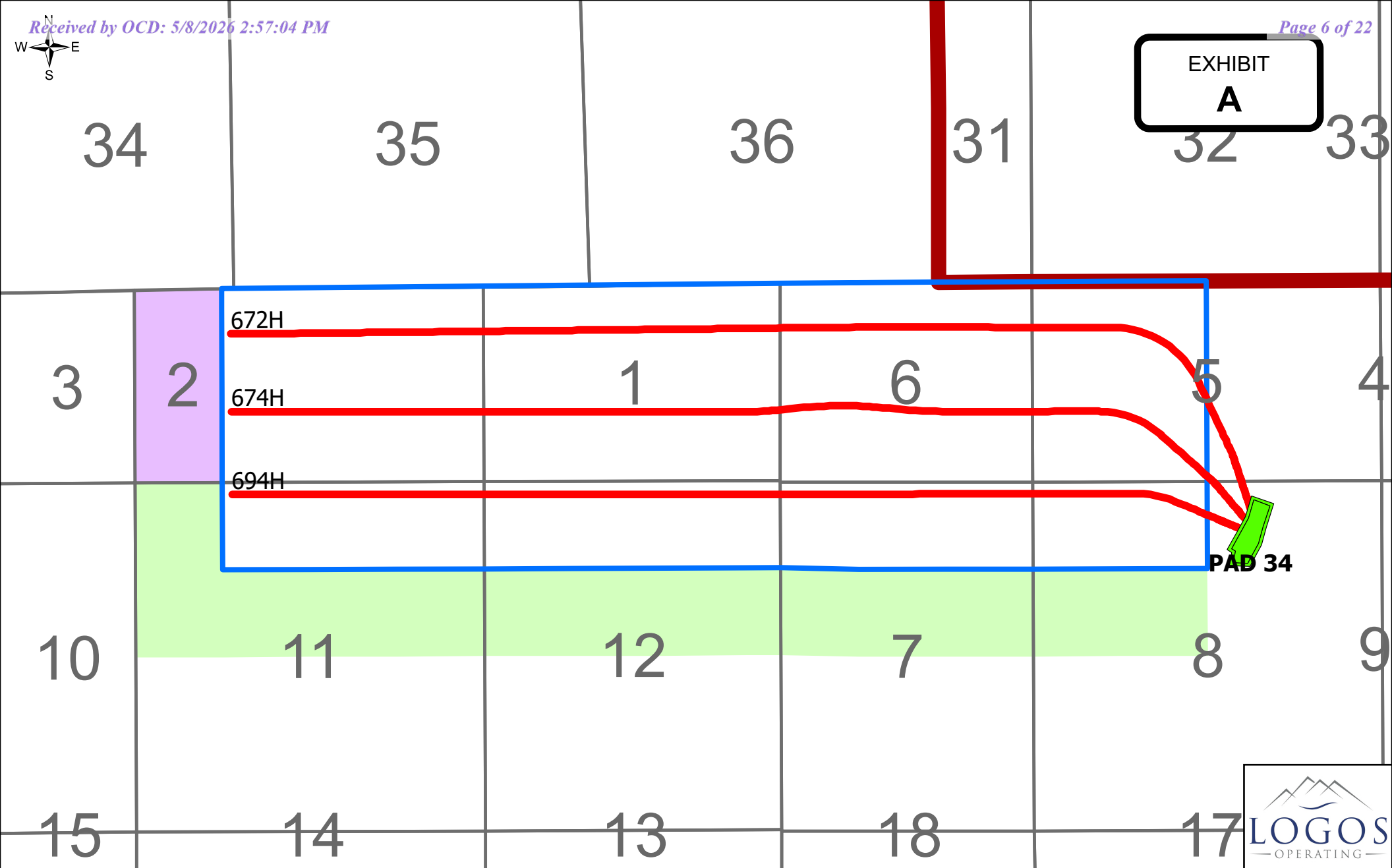


Paula M. Vance
ATTORNEY FOR
LOGOS OPERATING, LLC

¹ See NMAC §§ 19.15.2.7.A(8) [defining "affected persons" as, "in the absence of an operator, or with respect to an application wherein the operator of the spacing unit or identified tract is the applicant, each working interest owner"] and 19.15.4.12.A(2)(a).



EXHIBIT
A



PAD 34

Rosa Unit Outline

Pad 34 West

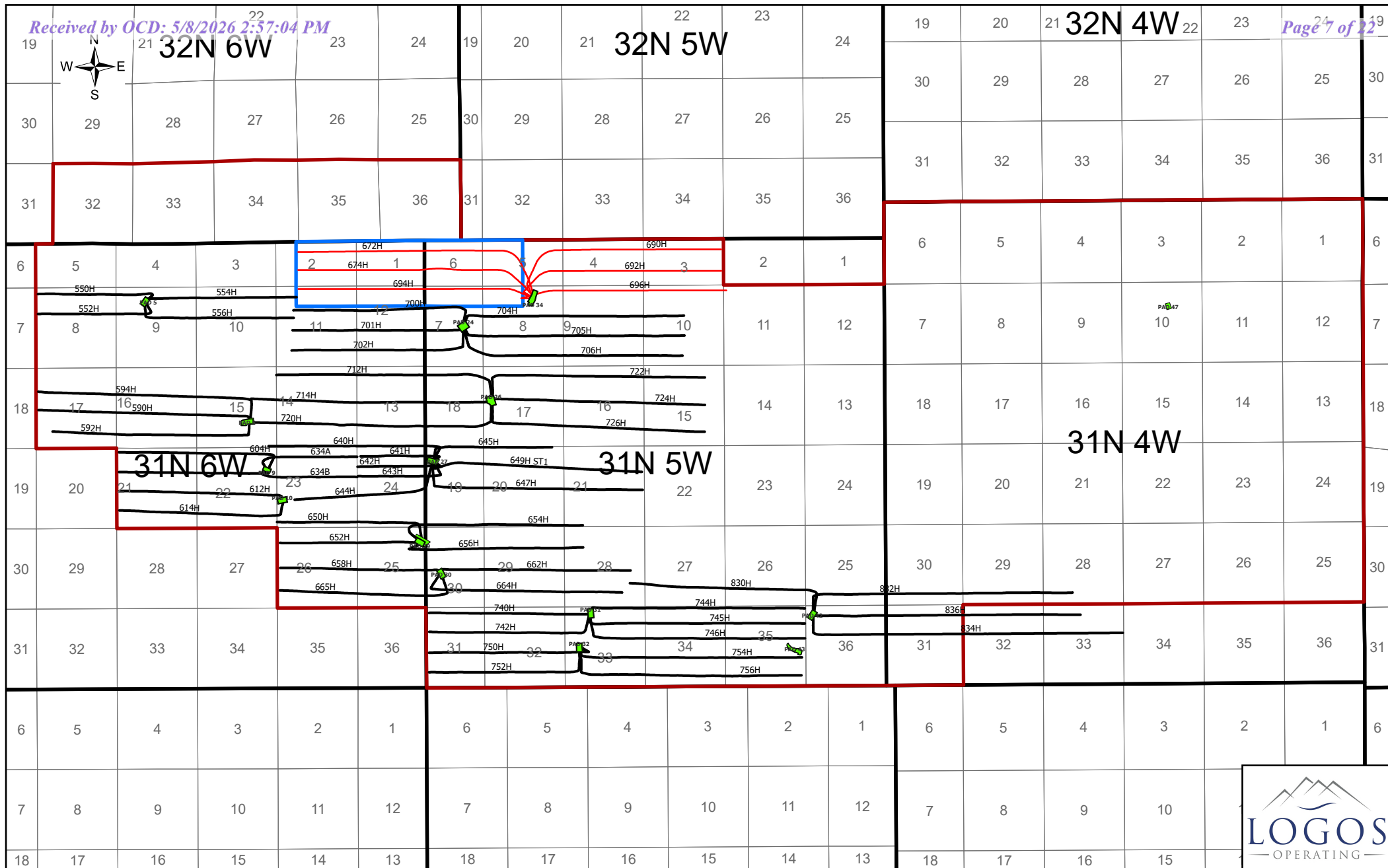
Sections

Pad 34 West NSU

State of New Mexico Leasehold

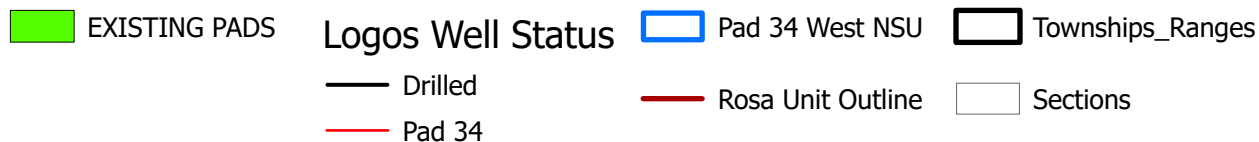
Federal Leasehold

Pad 34 West NSU and Ownership



0 0.5 1 2 Miles

Logos Rosa Unit & Pad 34 West NSU



C-102 Submit & Permitting Via OGD Form	EXHIBIT B	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	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 672H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6347'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL B	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 713' NORTH	Feet from E/W Line 1931' EAST	Latitude 36.919296 °N	Longitude -107.383355 °W	County RIO ARRIBA
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Bottom Hole Location

UL K	Section 2	Township 31N	Range 6W	Lot	Feet from N/S Line 2246' SOUTH	Feet from E/W Line 1451' WEST	Latitude 36.927581 °N	Longitude -107.436256 °W	County RIO ARRIBA
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Penetrated Spacing Unit

Dedicated Acres 1471.58	Entire Section 1, T31N, R6W E/2, E/2 W/2 - Section 2, T31N, R6W NE/4 NW/4 & N/2 NE/4 - Sec 11, T31N, R6W N/2 N/2 - Section 12, T31N, R6W W/2 - Section 5 & Entire Section 6, T31N, R5W N/2 N/2 - Sec 7 & N/2 NW/4 - Sec 8, T31N, R5W	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit ☐ Yes ☒ No	Consolidation Code UNITIZATION
		Order Numbers R-13457		Well setbacks are under Common Ownership ☐ Yes ☒ No	

Kick Off Point (KOP)

UL O	Section 5	Township 31N	Range 5W	Lot	Feet from N/S Line 365' SOUTH	Feet from E/W Line 2241' EAST	Latitude 36.922258 °N	Longitude -107.384422 °W	County RIO ARRIBA
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First Take Point (FTP)

UL K	Section 5	Township 31N	Range 5W	Lot	Feet from N/S Line 1819' SOUTH	Feet from E/W Line 2298' WEST	Latitude 36.926252 °N	Longitude -107.386892 °W	County RIO ARRIBA
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Last Take Point (LTP)

UL K	Section 2	Township 31N	Range 6W	Lot	Feet from N/S Line 2248' SOUTH	Feet from E/W Line 1651' WEST	Latitude 36.927585 °N	Longitude -107.435571 °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
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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. Signature _____ Date _____ Printed Name _____ E-mail Address _____	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  JASON C. EDWARDS Signature and Seal of Professional Surveyor Certificate Number 15269 Date of Survey DECEMBER 20, 2022
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LAST TAKE POINT (H)
2248' FSL 1651' FWL
SECTION 2, T31N, R6W
LAT 36.927579°N
LONG -107.434967°W
DATUM: NAD1927

LAT 36.927585 °N
LONG -107.435571 °W
DATUM: NAD1983

BOTTOM HOLE (I)
2246' FSL 1451' FWL
SECTION 2, T31N, R6W
LAT 36.927576 °N
LONG -107.435652 °W
DATUM: NAD1927

LAT 36.927581 °N
LONG -107.436256 °W
DATUM: NAD1983

INFLECTION POINT (G)
2358' FSL 2324' FEL
SECTION 6, T31N, R5W
LAT 36.927738 °N
LONG -107.402102 °W
DATUM: NAD1927

LAT 36.927744 °N
LONG -107.402705 °W
DATUM: NAD1983

LAST TAKE POINT (H)
2248' FSL 1651' FWL
SECTION 2, T31N, R6W
LAT 36.927579 °N
LONG -107.434967 °W
DATUM: NAD1927

LAT 36.927585 °N
LONG -107.435571 °W
DATUM: NAD1983

INFLECTION POINT (F)
2335' FSL 1208' FWL
SECTION 5, T31N, R5W
LAT 36.927663°N
LONG -107.390017°W
DATUM: NAD1927

LAT 36.927669 °N
LONG -107.390620 °W
DATUM: NAD1983

FIRST TAKE POINT (E)
1819' FSL 2298' FWL
SECTION 5, T31N, R5W
LAT 36.926246°N
LONG -107.386289°W
DATUM: NAD1927

LAT 36.926252 °N
LONG -107.386892 °W
DATUM: NAD1983

INFLECTION POINT (D)
1507' FSL 2495' FWL
SECTION 5, T31N, R5W
LAT 36.925392°N
LONG -107.385614°W
DATUM: NAD1927

LAT 36.925398 °N
LONG -107.386217 °W
DATUM: NAD1983

LANDING POINT (C)
919' FSL 2491' FEL
SECTION 5, T31N, R5W
LAT 36.923775°N
LONG -107.384675°W
DATUM: NAD1927

LAT 36.923781°N
LONG -107.385278°W
DATUM: NAD1983

KICK OFF POINT (B)
365' FSL 2241' FEL
SECTION 5, T31N, R5W
LAT 36.922252 °N
LONG -107.383820 °W
DATUM: NAD1927

LAT 36.922258 °N
LONG -107.384422 °W
DATUM: NAD1983

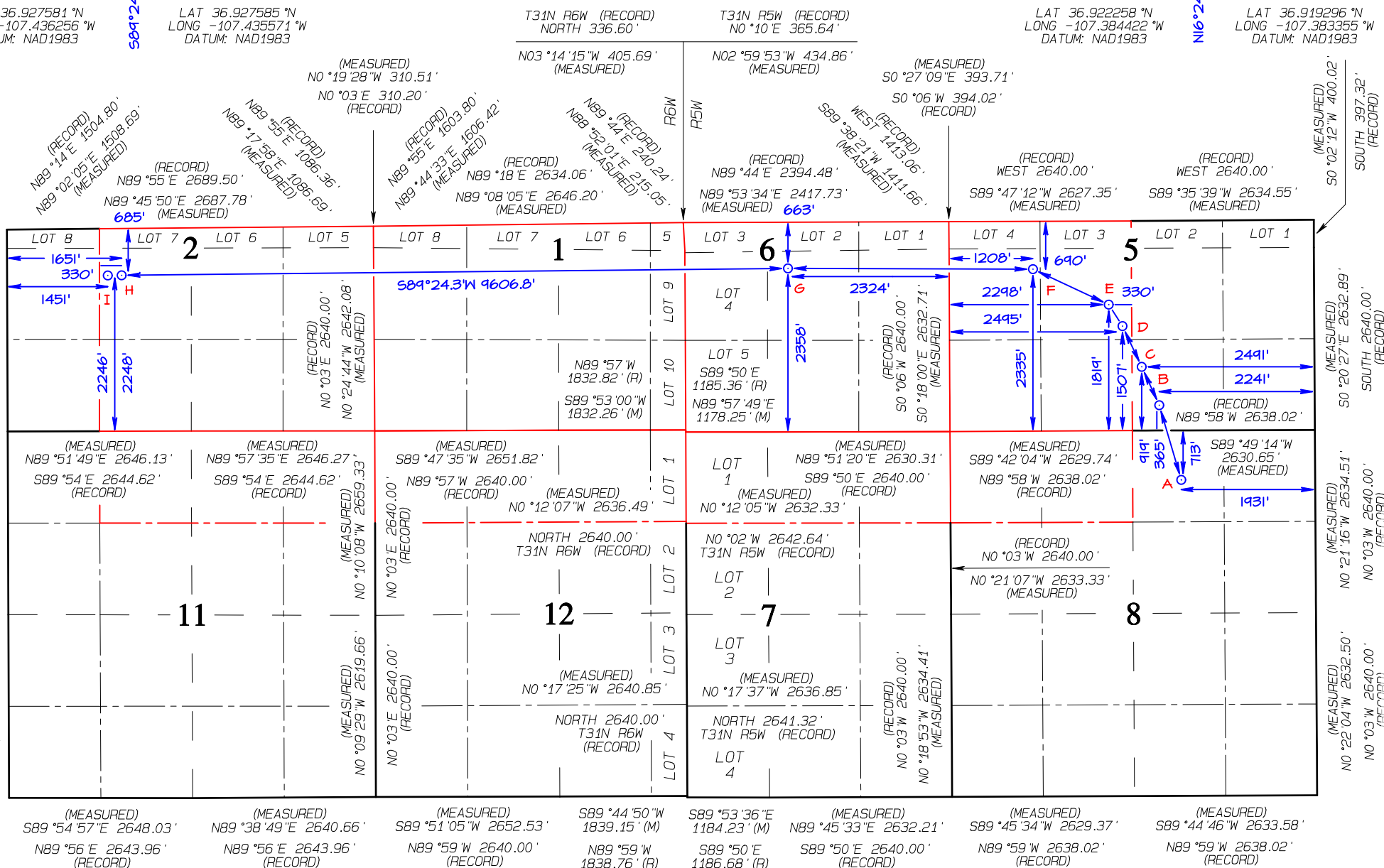
KICK OFF POINT (B)
365' FSL 2241' FEL
SECTION 5, T31N, R5W
LAT 36.922252°N
LONG -107.383820°W
DATUM: NAD1927

LAT 36.922258 °N
LONG -107.384422 °W
DATUM: NAD1983

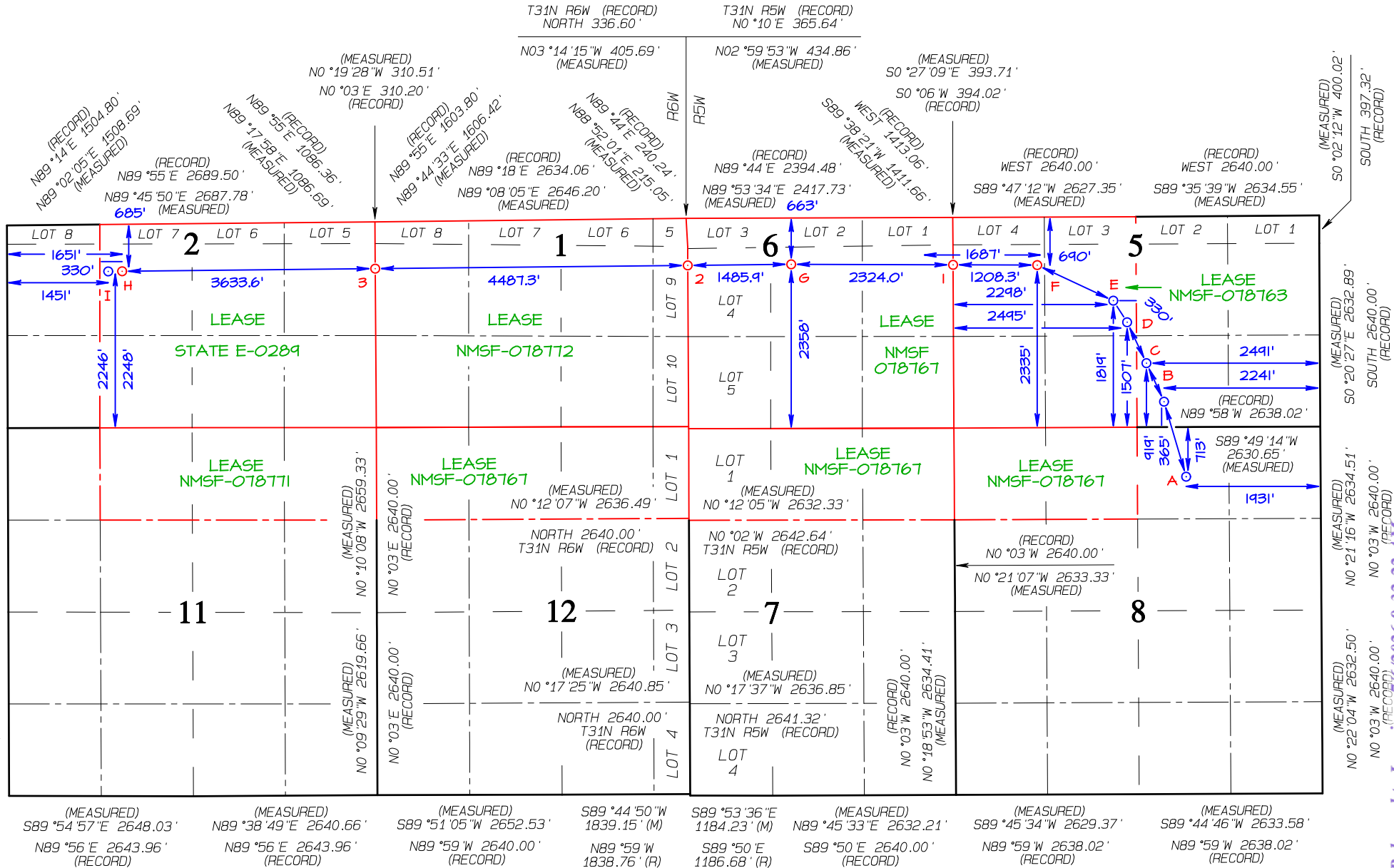
SURFACE LOCATION (A)
713' FNL 1931' FEL
SECTION 8, T31N, R5W
LAT 36.919290 °N
LONG -107.382752 °W
DATUM: NAD1927

LAT 36.919296 °N
LONG -107.383355 °W
DATUM: NAD1983

Rosa Unit #672H



LAT 36.919296 °N
LONG -107.383355 °W
DATUM: NAD1983



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	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 674H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6347'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL B	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 731' NORTH	Feet from E/W Line 1941' EAST	Latitude 36.919248 °N	Longitude -107.383388 °W	County RIO ARRIBA
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Bottom Hole Location

UL N	Section 2	Township 31N	Range 6W	Lot	Feet from N/S Line 1071' SOUTH	Feet from E/W Line 1452' WEST	Latitude 36.924353 °N	Longitude -107.436254 °W	County RIO ARRIBA
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Penetrated Spacing Unit

Dedicated Acres 1471.58	Entire Section 1, T31N, R6W E/2, E/2 W/2 - Section 2, T31N, R6W NE/4 NW/4 & N/2 NE/4 - Sec 11, T31N, R6W N/2 N/2 - Section 12, T31N, R6W W/2 - Section 5 & Entire Section 6, T31N, R5W N/2 N/2 - Sec 7 & N/2 NW/4 - Sec 8, T31N, R5W	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit ☐ Yes ☒ No	Consolidation Code UNITIZATION
		Order Numbers R-13457		Well setbacks are under Common Ownership ☐ Yes ☒ No	

Kick Off Point (KOP)

UL B	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 39' NORTH	Feet from E/W Line 2515' EAST	Latitude 36.921149 °N	Longitude -107.385358 °W	County RIO ARRIBA
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First Take Point (FTP)

UL N	Section 5	Township 31N	Range 5W	Lot	Feet from N/S Line 370' SOUTH	Feet from E/W Line 2299' WEST	Latitude 36.922274 °N	Longitude -107.386883 °W	County RIO ARRIBA
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Last Take Point (LTP)

UL N	Section 2	Township 31N	Range 6W	Lot	Feet from N/S Line 1071' SOUTH	Feet from E/W Line 1652' WEST	Latitude 36.924351 °N	Longitude -107.435569 °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
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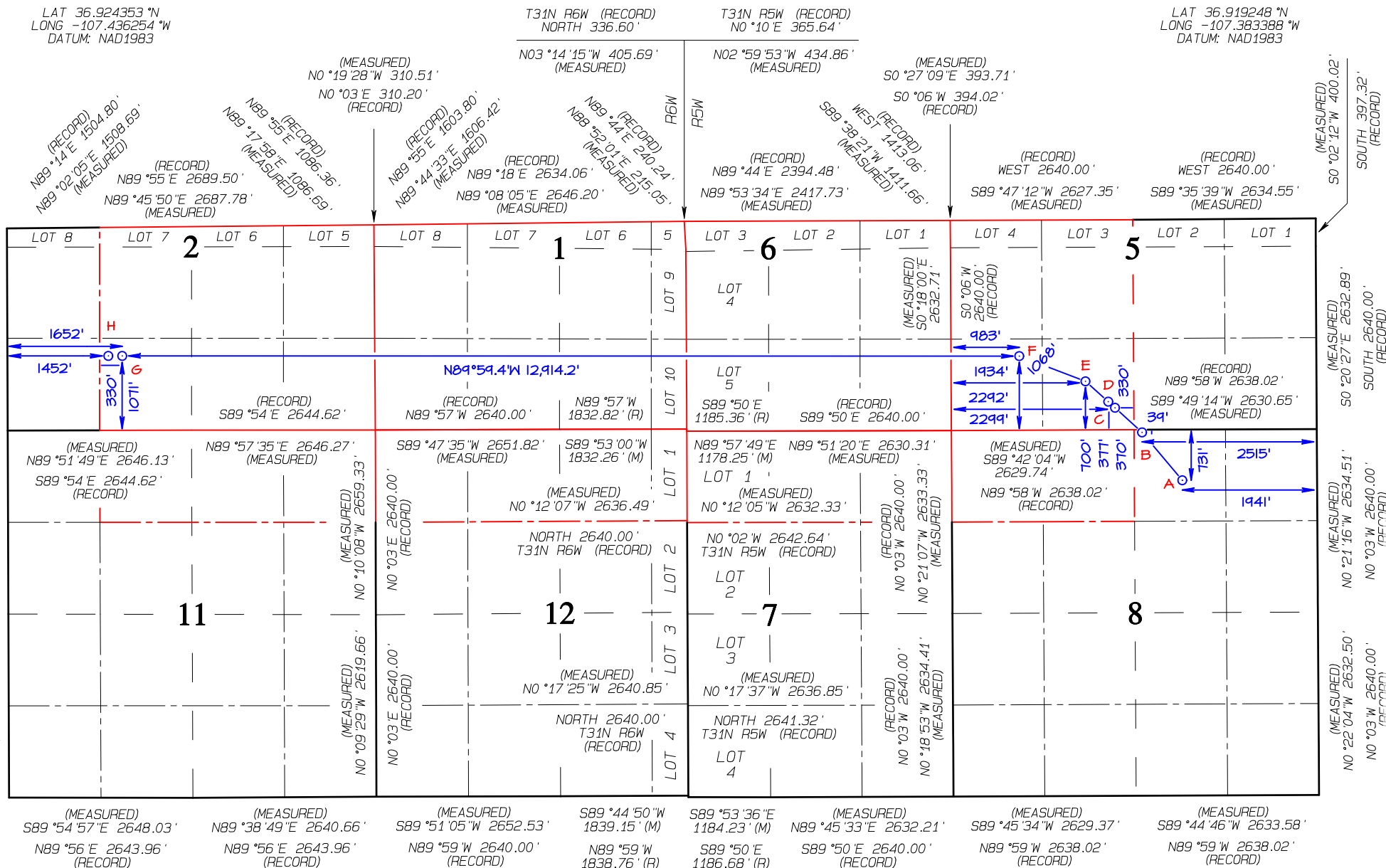
OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed 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. Signature _____ Date _____ Printed Name _____ E-mail Address _____	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  JASON C. EDWARDS Signature and Seal of Professional Surveyor Certificate Number 15269 Date of Survey DECEMBER 20, 2022
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N0°12'15"W 2641.61'		N0°12'15"W 2641.61'	
(MEASURED)		(MEASURED)	
1	2	1	2
3	4	3	4
5	6	5	6
7	8	7	8
9	10	9	10
11	12	11	12
13	14	13	14
15	16	15	16
17	18	17	18
19	20	19	20
21	22	21	22
23	24	23	24
25	26	25	26
27	28	27	28
29	30	29	30
31	32	31	32
33	34	33	34
35	36	35	36
37	38	37	38
39	40	39	40
41	42	41	42
43	44	43	44
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83	84	83	84
85	86	85	86
87	88	87	88
89	90	89	90
91	92	91	92
93	94	93	94
95	96	95	96
97	98	97	98
99	100	99	100

N40°01.3'W 900.5'

SURFACE LOCATION (A)
731' FNL 1941' FEL
SECTION 8, T31N, R5W
LAT 36.919242 °N
LONG -107.382786 °W
DATUM: NAD1927

LAT 36.919248 °N
LONG -107.383388 °W
DATUM: NAD1983



Rosa Unit #674H

BOTTOM HOLE LOCATION (H) 1071' FSL 1452' FWL SECTION 2, T31N, R6W LAT 36.924348°N LONG -107.435650°W DATUM: NAD1927 LAT 36.924353°N LONG -107.436254°W DATUM: NAD1983	LAST TAKE POINT (G) 1071' FSL 1652' FWL SECTION 2, T31N, R6W LAT 36.924345°N LONG -107.434966°W DATUM: NAD1927 LAT 36.924351°N LONG -107.435569°W DATUM: NAD1983	LEASE X-ING (3) 1066' FSL 0' FWL SECTION 1, T31N, R6W LAT 36.924301°N LONG -107.422525°W DATUM: NAD1927 LAT 36.924307°N LONG -107.423128°W DATUM: NAD1983	LEASE X-ING (2) 1081' FSL 0' FWL SECTION 6, T31N, R5W LAT 36.924245°N LONG -107.407179°W DATUM: NAD1927 LAT 36.924251°N LONG -107.407782°W DATUM: NAD1983	LEASE X-ING (1) 1073' FSL 0' FWL SECTION 5, T31N, R5W LAT 36.924196°N LONG -107.394148°W DATUM: NAD1927 LAT 36.924202°N LONG -107.394751°W DATUM: NAD1983	INFLECTION POINT (F) 1068' FSL 983' FWL SECTION 5, T31N, R5W LAT 36.924183°N LONG -107.390786°W DATUM: NAD1927 LAT 36.924189°N LONG -107.391389°W DATUM: NAD1983	SURFACE LOCATION (A) 731' FNL 1941' FEL SECTION 8, T31N, R5W LAT 36.919242°N LONG -107.382786°W DATUM: NAD1927 LAT 36.919248°N LONG -107.383388°W DATUM: NAD1983
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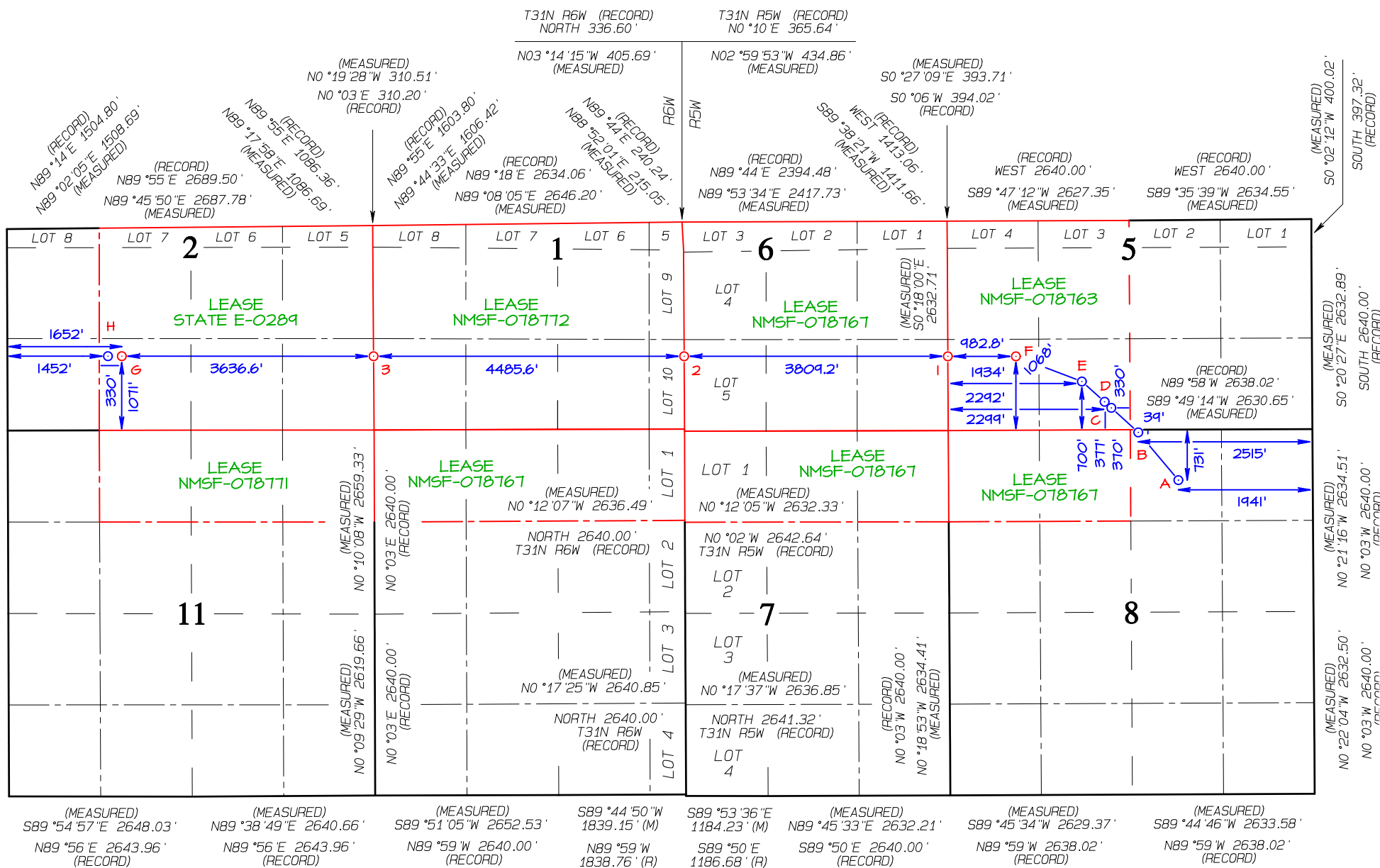
N89°59.3'W 200.0'

N89°59.4'W 3636.6'

N89°59.4'W 4485.6'

N89°59.4'W 3809.2'

N89°59.4'W 982.8'



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	Pool Code 97232	Pool Name BASIN MANCOS
Property Code 320608	Property Name ROSA UNIT	Well Number 694H
OGRID No. 289408	Operator Name LOGOS OPERATING, LLC	Ground Level Elevation 6347'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL B	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 783' NORTH	Feet from E/W Line 1970' EAST	Latitude 36.919104 °N	Longitude -107.383488 °W	County RIO ARRIBA
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Bottom Hole Location

UL C	Section 11	Township 31N	Range 6W	Lot	Feet from N/S Line 183' NORTH	Feet from E/W Line 1453' WEST	Latitude 36.920910 °N	Longitude -107.436252 °W	County RIO ARRIBA
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Penetrated Spacing Unit

Dedicated Acres 1471.58	Entire Section 1, T31N, R6W E/2, E/2 W/2 - Section 2, T31N, R6W NE/4 NW/4 & N/2 NE/4 - Sec 11, T31N, R6W N/2 N/2 - Section 12, T31N, R6W W/2 - Section 5 & Entire Section 6, T31N, R5W N/2 N/2 - Sec 7 & N/2 NW/4 - Sec 8, T31N, R5W	Infill or Defining Well INFILL	Defining Well API	Overlapping Spacing Unit ☐ Yes ☒ No	Consolidation Code UNITIZATION
		Order Numbers R-13457		Well setbacks are under Common Ownership ☐ Yes ☒ No	

Kick Off Point (KOP)

UL B	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 589' NORTH	Feet from E/W Line 2448' EAST	Latitude 36.919639 °N	Longitude -107.385123 °W	County RIO ARRIBA
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First Take Point (FTP)

UL C	Section 8	Township 31N	Range 5W	Lot	Feet from N/S Line 371' NORTH	Feet from E/W Line 2300' WEST	Latitude 36.920237 °N	Longitude -107.386880 °W	County RIO ARRIBA
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Last Take Point (LTP)

UL C	Section 11	Township 31N	Range 6W	Lot	Feet from N/S Line 183' NORTH	Feet from E/W Line 1653' WEST	Latitude 36.920908 °N	Longitude -107.435568 °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
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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. Signature _____ Date _____ Printed Name _____ E-mail Address _____	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  JASON C. EDWARDS Signature and Seal of Professional Surveyor Certificate Number 15269 Date of Survey DECEMBER 20, 2022
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S89°59.0'W 200.0'

LAST TAKE POINT (G)
183' FNL 1653' FWL
SECTION 11, T31N, R6W
LAT 36.920902°N
LONG -107.434964°W
DATUM: NAD1927

LAT 36.920908°N
LONG -107.435568°W
DATUM: NAD1983

S89°59.1'W 13504.0'

INFLECTION POINT (F)
183' FNL 1572' FWL
SECTION 8, T31N, R5W
LAT 36.920748°N
LONG -107.388769°W
DATUM: NAD1927

LAT 36.920754°N
LONG -107.389372°W
DATUM: NAD1983

N82°57.7'W 409.2'

INFLECTION POINT (E)
235' FNL 1977' FWL
SECTION 8, T31N, R5W
LAT 36.920605°N
LONG -107.387381°W
DATUM: NAD1927

LAT 36.920611°N
LONG -107.387983°W
DATUM: NAD1983

N67°23.5'W 350.1'

FIRST TAKE POINT (D)
371' FNL 2300' FWL
SECTION 8, T31N, R5W
LAT 36.920232°N
LONG -107.386277°W
DATUM: NAD1927

LAT 36.920237°N
LONG -107.386880°W
DATUM: NAD1983

N67°18.0'W 3.3'

LANDING POINT (C)
373' FNL 2303' FWL
SECTION 8, T31N, R5W
LAT 36.920228°N
LONG -107.386267°W
DATUM: NAD1927

LAT 36.920234°N
LONG -107.386869°W
DATUM: NAD1983

N67°16.2'W 554.5'

KICK OFF POINT (B)
589' FNL 2448' FEL
SECTION 8, T31N, R5W
LAT 36.919633°N
LONG -107.384521°W
DATUM: NAD1927

LAT 36.919639°N
LONG -107.385123°W
DATUM: NAD1983

N68°05.8'W 516.2'

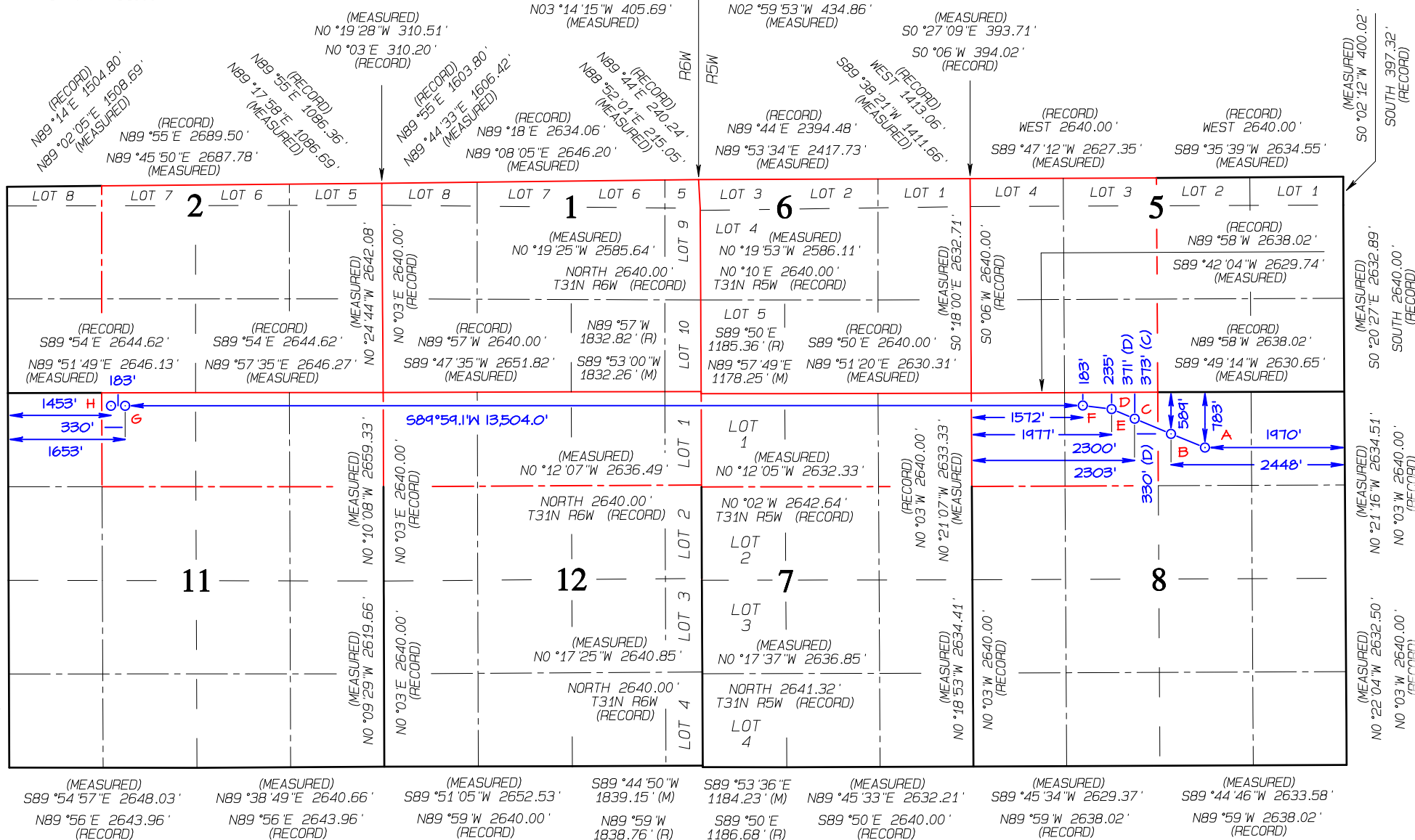
BOTTOM HOLE LOCATION (H)
183' FNL 1453' FWL
SECTION 11, T31N, R6W
LAT 36.920904°N
LONG -107.435648°W
DATUM: NAD1927

LAT 36.920910°N
LONG -107.436252°W
DATUM: NAD1983

Rosa Unit #694H

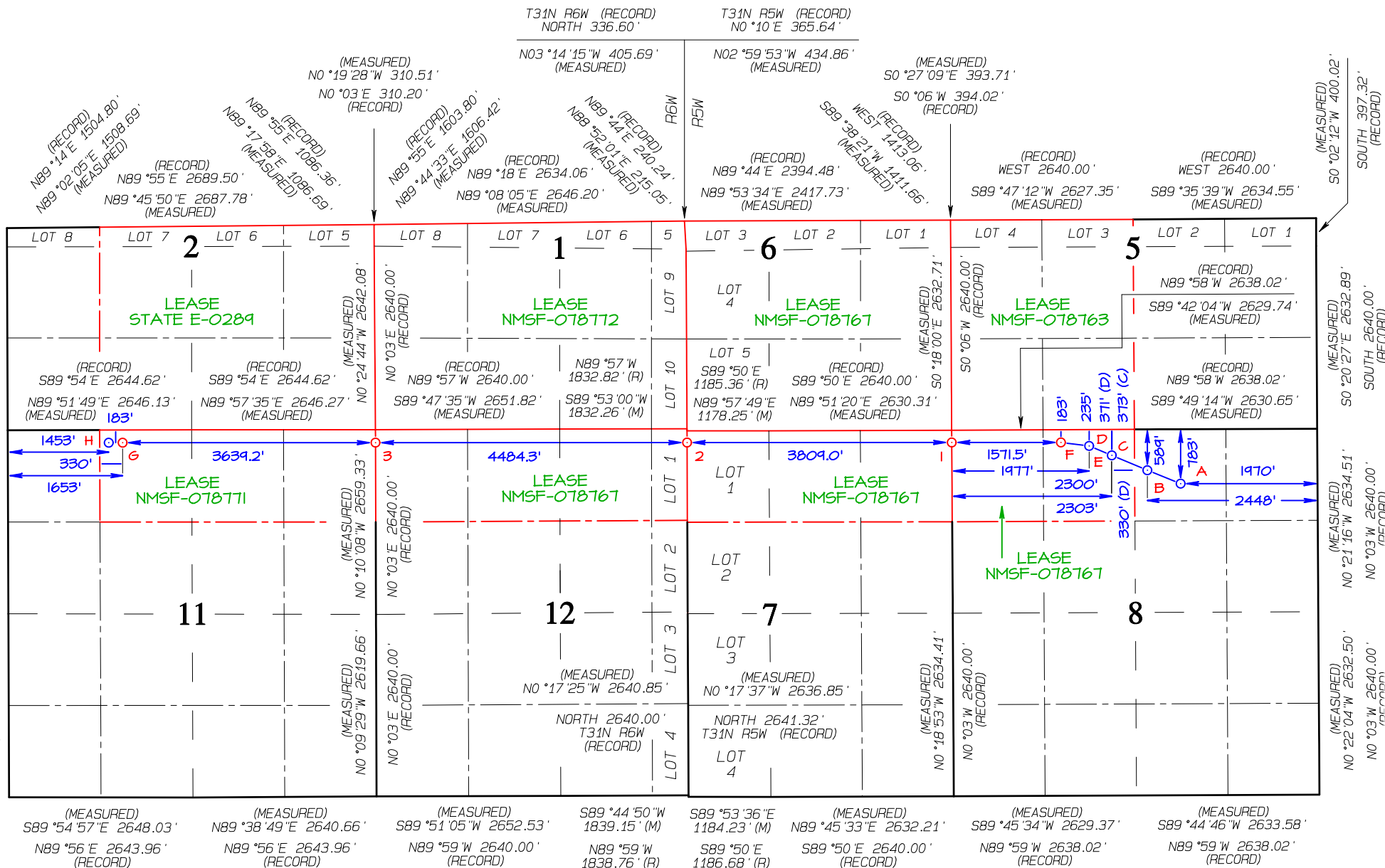
SURFACE LOCATION (A)
783' FNL 1970' FEL
SECTION 8, T31N, R5W
LAT 36.919098°N
LONG -107.382886°W
DATUM: NAD1927

LAT 36.919104°N
LONG -107.383488°W
DATUM: NAD1983



Rosa Unit #694H

BOTTOM HOLE LOCATION (H) 183' FNL 1453' FWL SECTION 11, T31N, R6W LAT 36.920904°N LONG -107.435648°W DATUM: NAD1927 LAT 36.920910°N LONG -107.436252°W DATUM: NAD1983	LAST TAKE POINT (G) 183' FNL 1653' FWL SECTION 11, T31N, R6W LAT 36.920902°N LONG -107.434964°W DATUM: NAD1927 LAT 36.920908°N LONG -107.435568°W DATUM: NAD1983	LEASE X-ING (3) 186' FNL 0' FWL SECTION 12, T31N, R6W LAT 36.920862°N LONG -107.422515°W DATUM: NAD1927 LAT 36.920868°N LONG -107.423118°W DATUM: NAD1983	SECTION LINE (2) 198' FNL 0' FWL SECTION 7, T31N, R5W LAT 36.920812°N LONG -107.407175°W DATUM: NAD1927 LAT 36.920817°N LONG -107.407778°W DATUM: NAD1983	SECTION LINE (1) 175' FNL 0' FWL SECTION 8, T31N, R5W LAT 36.920767°N LONG -107.394145°W DATUM: NAD1927 LAT 36.920773°N LONG -107.394748°W DATUM: NAD1983	INFLECTION POINT (F) 183' FNL 1572' FWL SECTION 8, T31N, R5W LAT 36.920748°N LONG -107.388769°W DATUM: NAD1927 LAT 36.920754°N LONG -107.389372°W DATUM: NAD1983	SURFACE LOCATION (A) 783' FNL 1970' FEL SECTION 8, T31N, R5W LAT 36.919098°N LONG -107.382886°W DATUM: NAD1927 LAT 36.919104°N LONG -107.383488°W DATUM: NAD1983
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C

Bureau of Land Management	620 E Greene St.	Carlsbad	NM	88220
Bureau of Land Management	301 Dinosaur Trail	Santa Fe	NM	87508
Cross Timbers Energy LLC	Attn: Mr. Dave Harford, 400 West 7th Street	Fort Worth	TX	76102
Hilcorp San Juan LLC	Attn: Mr. Rob Carlson, 1111 Travis Street	Houston	TX	77002
New Mexico State Land Office	310 Old Santa Fe Trail	Santa Fe	NM	87501
New Mexico State Land Office	P.O. Box 1148	Santa Fe	NM	87504
Omimex Petroleum Inc.	Attn: Mr. Bradley Ross, PO Box 80169	Fort Worth	TX	76244
Simcoe, LLC	Attn: Ms. Michelle Blankenship, 1199 Main Avenue, Ste. 101	Durango	CO	81301
Simlog, LLC	Attn: Ms. Michelle Blankenship, 1199 Main Avenue, Ste. 101	Durango	CO	81301



Paula M. Vance
Associate
Phone (505) 954-7286
PMVance@hollandhart.com

May 06, 2026

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PERSONS

Re: Application of LOGOS Operating, LLC for administrative approval of a 1,471.58-acre non-standard horizontal spacing unit comprised of Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, Township 31 North, Range 5 West, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, Township 31 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

Ladies and Gentlemen:

Enclosed is a copy of the above-referenced application which was filed with the New Mexico Oil Conservation Division on this date. Any objection to this application must be filed in writing within twenty days from the date this application is received by the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico, 87505. If no objection is received within this twenty-day period, this application may be approved administratively by the Division.

If you have any questions about this application, please contact the following:

Christopher J. Jeffus
LOGOS Operating, LLC
(505) 324-4141
cj Jeffus@logosresourcesllc.com

Sincerely,

A handwritten signature in blue ink that reads "Paula M. Vance".

Paula M. Vance
ATTORNEY FOR
LOGOS OPERATING, LLC



Paula M. Vance
Associate
Phone (505) 954-7286
PMVance@hollandhart.com

May 04, 2026

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL AFFECTED PERSONS

Re: Application of LOGOS Operating, LLC for administrative approval of a 1,471.58-acre non-standard horizontal spacing unit comprised of Lots 3-4 & SW/4 (W/2 equivalent) of irregular Section 5, Lots 1-5 & SE/4 (All equivalent) of irregular Section 6, Lot 1 & N/2 NE/4 (N/2 N/2 equivalent) of irregular Section 7, and N/2 NW/4 of Section 8, Township 31 North, Range 5 West, and Lots 5-10, W/2 SE/4 & SW/4 (All equivalent) of irregular Section 1, Lots 5-7, E/2 SW/4 & SE/4 of irregular Section 2, NE/4 NW/4 & N/2 NE/4 of Section 11, and Lot 1, NW/4 NE/4 & N/2 NW/4 (N/2 N/2 equivalent) of irregular Section 12, Township 31 North, Range 6 West, NMPM, Rio Arriba County, New Mexico.

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If you have any questions about this application, please contact the following:

Christopher J. Jeffus
LOGOS Operating, LLC
(505) 324-4141
cjeffus@logosresourcesllc.com

Sincerely,

A handwritten signature in blue ink, appearing to read "Paula M. Vance".

Paula M. Vance
ATTORNEY FOR
LOGOS OPERATING, LLC

Logos - Rosa - NSP
Postal Delivery Report

9414811898765524005634	Bureau of Land Management	620 E Greene St	Carlsbad	NM	88220-6292	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005115	Bureau of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005153	New Mexico State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005122	New Mexico State Land Office	PO Box 1148	Santa Fe	NM	87504-1148	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005191	Omimex Petroleum Inc.	PO Box 80169, Attn Mr. Bradley Ross	Fort Worth	TX	76244-2902	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005146	Simcoe, LLC	Attn Ms. Michelle Blankenship, 1199 Main Ave Ste 101	Durango	CO	81301-5170	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005184	Simlog, LLC	Attn Ms. Michelle Blankenship, 1199 Main Ave Ste 101	Durango	CO	81301-5170	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005139	Cross Timbers Energy LLC	Attn Mr. Dave Harford, 400 West 7THSTREET	Fort Worth	TX	76102	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.
9414811898765524005177	Hilcorp San Juan LLC	Attn Mr. Rob Carlson, 1111 Travis Street	Houston	TX	77002	Your shipment was received at 1:14 pm on May 6, 2026 in DENVER, CO 80217. The acceptance of your package is pending.

Logos - Rosa - NSP
Postal Delivery Report

1ZA2594X0199695232	New Mexico State Land Office, 310 Old Santa Fe Trail, Santa Fe, NM 87501	Delivered, Left at the Front Desk, Tuesday, May 5, 2026 at 10:08 A.M. Received by ARMIJO
1ZA2594X0197417027	Bureau of Land Management, 620 E Greene St., Carlsbad, NM 88220	Delivered, Left at the Front Desk, Tuesday, May 5, 2026 at 11:49 A.M. Received by RAMIREZ
1ZA2594X0197051412	Bureau of Land Management, 301 Dinosaur Trail, Santa Fe, NM 87508	Delivered, Inside Delivery, Tuesday, May 5, 2026 at 09:39 A.M. Received by BLM

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 583394

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 583394
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	5/18/2026