

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. NMNM13233

6. If Indian, Allottee or Tribe Name

## SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit of CA/Agreement, Name and/or No.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No. GOONCH FED COM 0409/216H

2. Name of Operator NOVO OIL AND GAS NORTHERN DELAWARE LLC

9. API Well No. 3001548222

3a. Address 1001 West Wilshire Boulevard Suite 206, Oklaho

3b. Phone No. (include area code)  
(405) 404-041410. Field and Pool or Exploratory Area  
Purple Sage/Wolfcamp4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 4/T23S/R28E/NMP11. Country or Parish, State  
EDDY/NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleat 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 recompleat 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.)

Novo Oil & Gas Northern Delaware, LLC respectfully requests to change the SHL to 530' FNL & 1,512' FEL, from the previously approved location of 449' FNL & 1,350' FEL, Sec. 4, T23S, R28E. There will be no additional surface disturbance with the change of SHL.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

JUSTIN CARTER / Ph: (405) 286-3375

Title Landman

Signature

Date

12/16/2021

## THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Cody Layton / Ph: (575) 234-5959 / Approved

Assistant Field Manager Lands &amp;

01/12/2022

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

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: LOT 2 / 449 FNL / 1350 FEL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3406812 / LONG: -104.0882225 ( TVD: 0 feet, MD: 0 feet )  
PPP: SWSE / 0 FNL / 1914 FEL / TWSP: 23S / RANGE: 28E / SECTION: 9 / LAT: 32.327362 / LONG: -104.09012 ( TVD: 9540 feet, MD: 14542 feet )  
PPP: LOT 2 / 249 FNL / 1914 FEL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.334593 / LONG: -104.090042 ( TVD: 9538 feet, MD: 11921 feet )  
PPP: LOT 2 / 249 FNL / 1914 FEL / TWSP: 23S / RANGE: 28E / SECTION: 4 / LAT: 32.3412288 / LONG: -104.0900543 ( TVD: 9405 feet, MD: 9481 feet )  
BHL: SWSE / 130 FSL / 1914 FEL / TWSP: 23S / RANGE: 28E / SECTION: 9 / LAT: 32.3129698 / LONG: -104.0901226 ( TVD: 9546 feet, MD: 19796 feet )

## District I

1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

## District II

811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

## District III

1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

## District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

## State of New Mexico

## Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-015-48222</b>	<sup>2</sup> Pool Code <b>15011</b>	<sup>3</sup> Pool Name <b>Culebra Bluff; Bone Spring, South</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>GOONCH FED COM 0409</b>	<sup>6</sup> Well Number <b>216H</b>
<sup>7</sup> OGRID No. <b>372920</b>	<sup>8</sup> Operator Name <b>NOVO OIL &amp; GAS NORTHERN DELAWARE, LLC</b>	<sup>9</sup> Elevation <b>3036.3</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>2</b>	<b>4</b>	<b>23 S</b>	<b>28 E</b>		<b>530</b>	<b>NORTH</b>	<b>1512</b>	<b>EAST</b>	<b>EDDY</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>O</b>	<b>9</b>	<b>23 S</b>	<b>28 E</b>		<b>10</b>	<b>SOUTH</b>	<b>1870</b>	<b>EAST</b>	<b>EDDY</b>

<sup>12</sup> Dedicated Acres <b>320.22</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Justin Carter</i> <b>12.9.2021</b> Signature Date</p> <p><b>Justin Carter</b> Printed Name</p> <p><b>jcarter@novoog.com</b> E-mail Address</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p><b>DECEMBER 7, 2021</b> Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: <b>FILIMON FERRANDELLO, PLS 12797</b> SURVEY NO. 7272C</p>
	<p><b>12797</b></p>



Intent ☐ As Drilled ☐

API #

Operator Name:	Property Name:	Well Number
<b>NOVO OIL &amp; GAS NORTHERN DELAWARE, LLC</b>	<b>GOONCH FED COM 0409</b>	<b>216H</b>

Kick Off Point (KOP)

UL	Section <b>4</b>	Township <b>23S</b>	Range <b>28E</b>	Lot <b>2</b>	Feet <b>530</b>	From N/S <b>NORTH</b>	Feet <b>1512</b>	From E/W <b>EAST</b>	County <b>EDDY</b>
Latitude <b>32.3404597</b>					Longitude <b>104.0887423</b>			NAD <b>83</b>	

First Take Point (FTP)

UL	Section <b>4</b>	Township <b>23S</b>	Range <b>28E</b>	Lot <b>2</b>	Feet <b>100</b>	From N/S <b>NORTH</b>	Feet <b>1870</b>	From E/W <b>EAST</b>	County <b>EDDY</b>
Latitude <b>32.3416422</b>					Longitude <b>104.0899232</b>			NAD <b>83</b>	

Last Take Point (LTP)

UL <b>O</b>	Section <b>9</b>	Township <b>23S</b>	Range <b>28E</b>	Lot	Feet <b>100</b>	From N/S <b>SOUTH</b>	Feet <b>1870</b>	From E/W <b>EAST</b>	County <b>EDDY</b>
Latitude <b>32.3128877</b>					Longitude <b>104.0899793</b>			NAD <b>83</b>	

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

# SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M. EDDY COUNTY, STATE OF NEW MEXICO SITE MAP

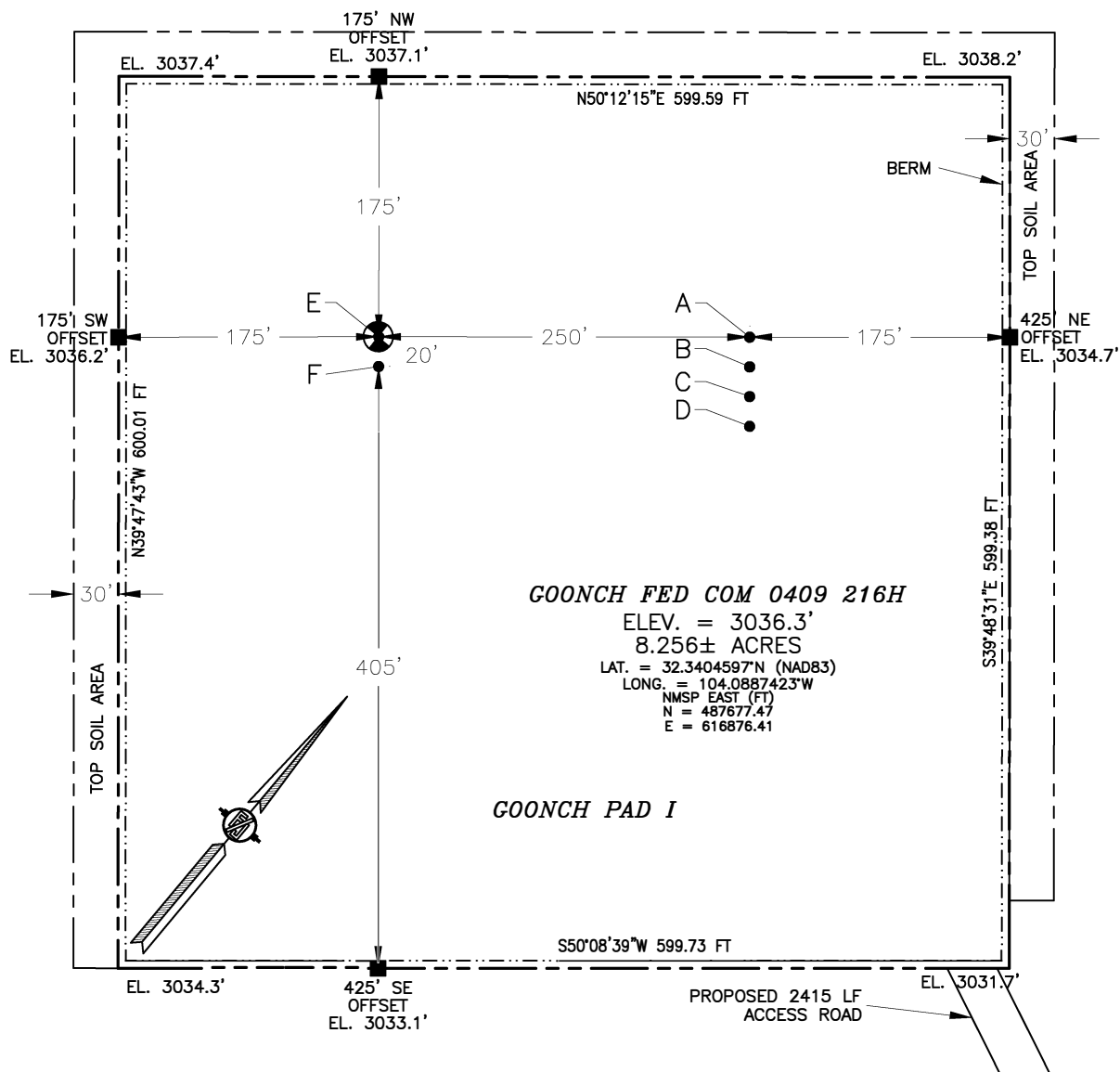
**AS-DRILLED WELLS**

A - GOONCH FED COM 0409 225H  
B - GOONCH FED COM 0409 236H  
C - GOONCH FED COM 0409 235H  
D - GOONCH FED COM 0409 136H

E - GOONCH FED COM 0409 216H  
F - GOONCH FED COM 0409 226H

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.

SEC. 33  
SEC. 4



012 60 120 240

SCALE 1" = 120'

**DIRECTIONS TO LOCATION**

FROM STATE ROAD 31 (POTASH MINES) & CR 605 (REFINERY) GO NORTHWEST ON REFINERY ROAD APPROX 3.57 MILES TO HERRADURA BEND ROAD, TURN LEFT AND GO WEST-SOUTHWEST ON HERRADURA BEND ROAD APPROX. 0.66 OF A MILE, TURN LEFT AND GO SOUTH-SOUTHEAST APPROX. 0.59 OF A MILE TO A PROPOSED ROAD, GO SOUTHWEST-NORTHWEST 2415' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILIMON F. JARAMILLO, A PROFESSIONAL SURVEYOR, CERTIFY THAT THIS SURVEY WAS MADE IN ACCORDANCE WITH THE MINIMUM STANDARDS FOR SURVEYING IN THE STATE OF NEW MEXICO.

FILIMON F. JARAMILLO 2793

MADON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
LOCATED 530 FT. FROM THE NORTH LINE  
AND 1512 FT. FROM THE EAST LINE OF  
SECTION 4, TOWNSHIP 23 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

SURVEY NO. 7272C

CARLSBAD, NEW MEXICO

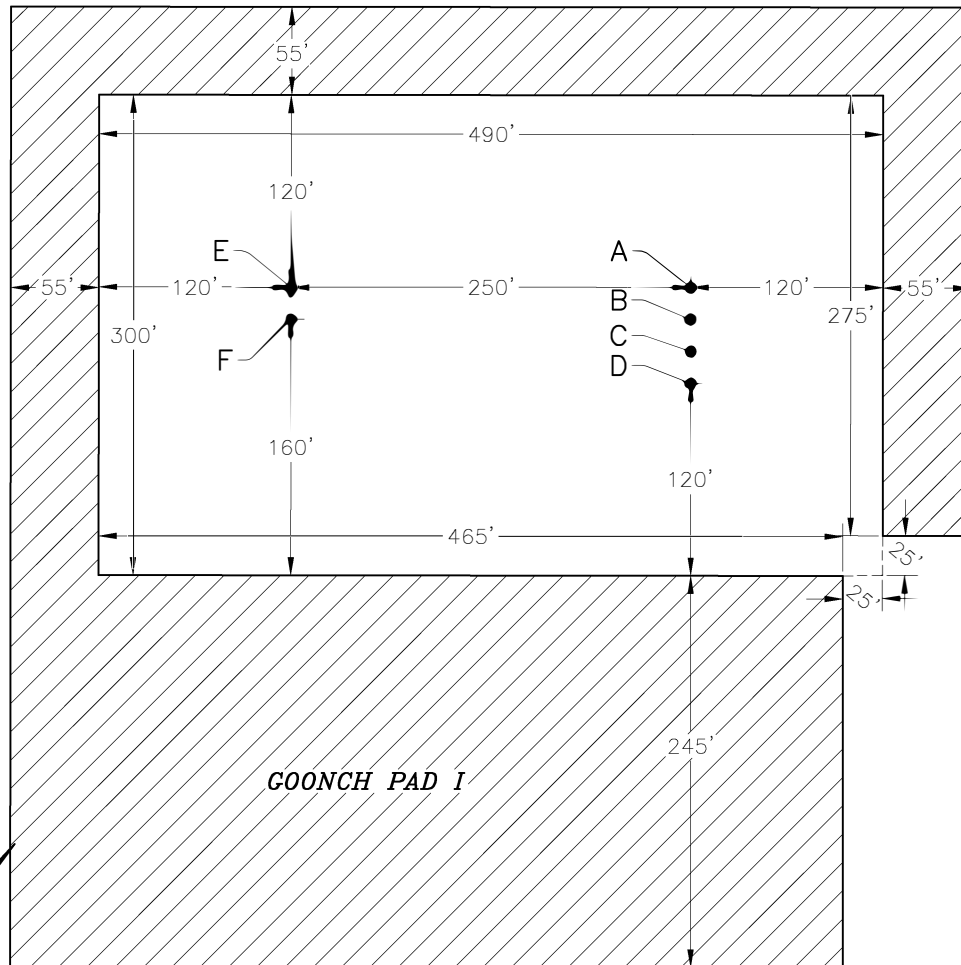
SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
**INTERIM SITE BUILD PLAN**

**AS-DRILLED WELLS**

A - GOONCH FED COM 0409 225H  
 B - GOONCH FED COM 0409 236H  
 C - GOONCH FED COM 0409 235H  
 D - GOONCH FED COM 0409 136H

E - GOONCH FED COM 0409 216H  
 F - GOONCH FED COM 0409 226H

SEC. 33  
 SEC. 4



GOONCH PAD I

DENOTES INTERIM PAD  
 RECLAMATION AREA  
 4.403± ACRES

PROPOSED 2415 LF  
 ACCESS ROAD

012 60 120 240  
 SCALE 1" = 120'

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
 LOCATED 530 FT. FROM THE NORTH LINE  
 AND 1512 FT. FROM THE EAST LINE OF  
 SECTION 4, TOWNSHIP 23 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

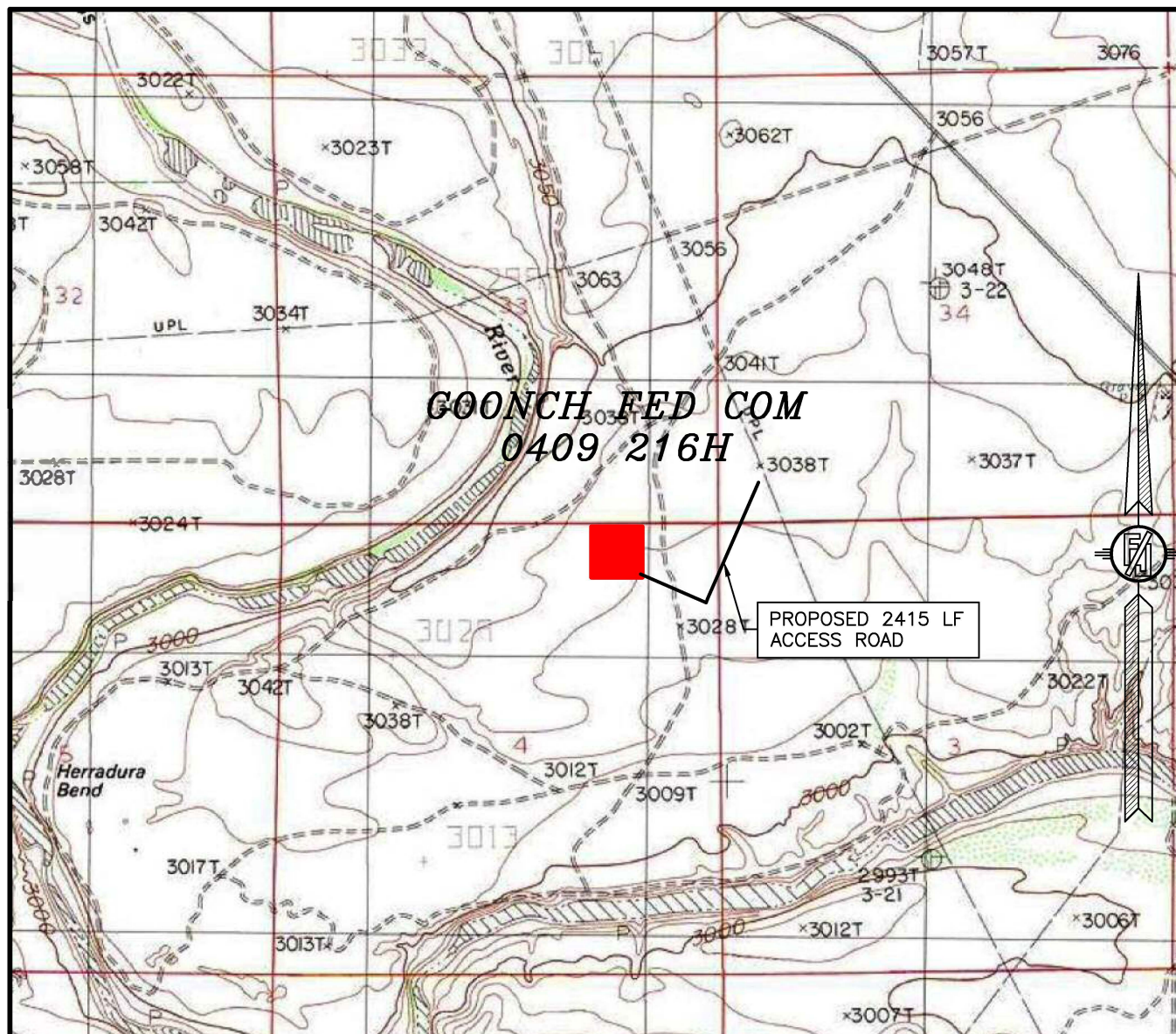
DECEMBER 7, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL  
 (575) 234-3341

SURVEY NO. 7272C  
 CARLSBAD, NEW MEXICO

SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 LOVING

NOT TO SCALE

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
 LOCATED 530 FT. FROM THE NORTH LINE  
 AND 1512 FT. FROM THE EAST LINE OF  
 SECTION 4, TOWNSHIP 23 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

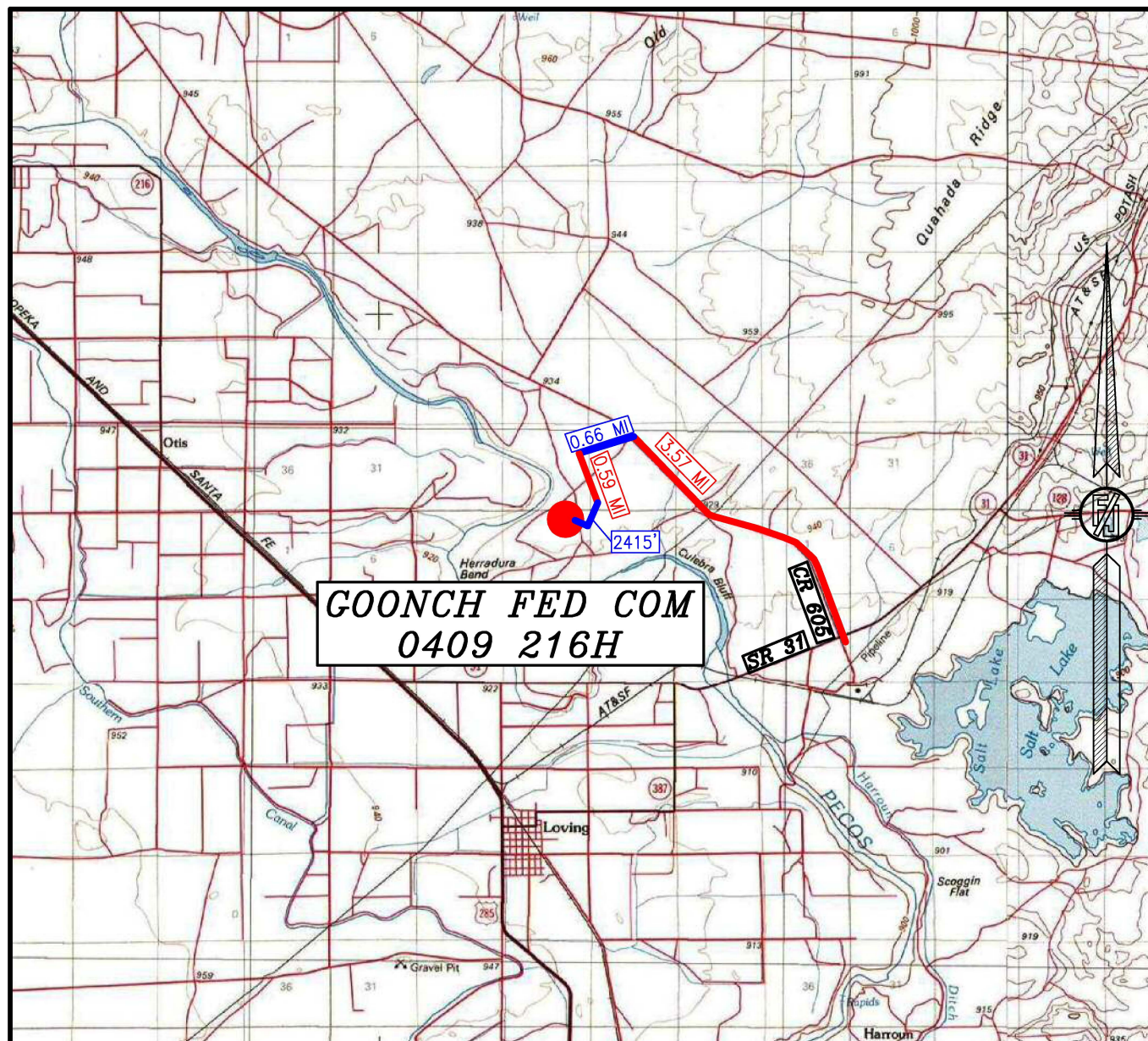
MADRON SURVEYING, INC.

301 SOUTH CANAL  
 (575) 234-3341

SURVEY NO. 7272C  
 CARLSBAD, NEW MEXICO



SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**

LOCATED 530 FT. FROM THE NORTH LINE  
AND 1512 FT. FROM THE EAST LINE OF  
SECTION 4, TOWNSHIP 23 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

**DIRECTIONS TO LOCATION**

FROM STATE ROAD 31 (POTASH MINES) & CR 605 (REFINERY) GO  
NORTHWEST ON REFINERY ROAD APPROX 3.57 MILES TO HERRADURA BEND  
ROAD, TURN LEFT AND GO WEST-SOUTHWEST ON HERRADURA BEND ROAD  
APPROX. 0.66 OF A MILE, TURN LEFT AND GO SOUTH-SOUTHEAST APPROX.  
0.59 OF A MILE TO A PROPOSED ROAD, GO SOUTHWEST-NORTHWEST 2415'  
TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

DECEMBER 7, 2021

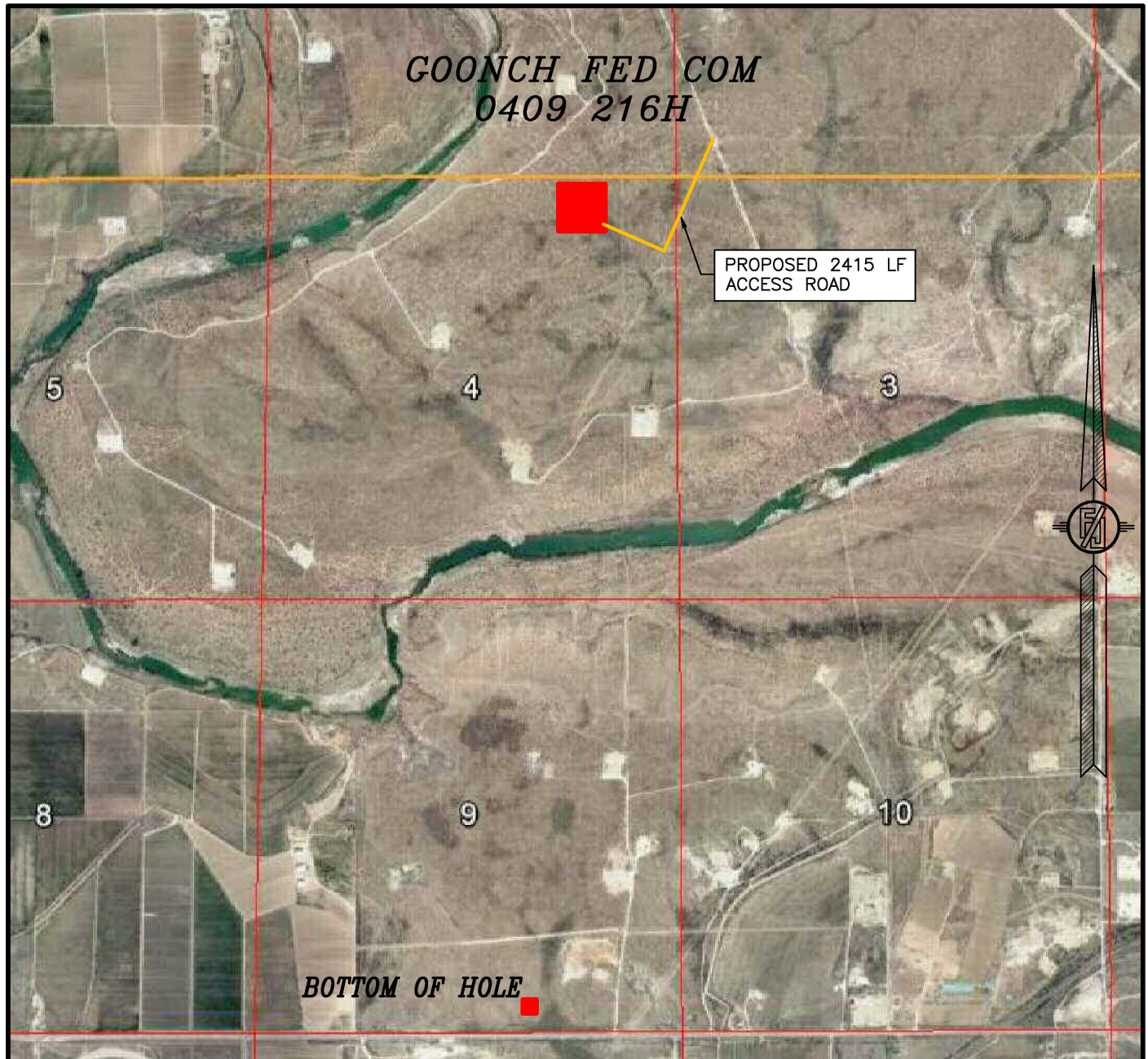
MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

SURVEY NO. 7272C  
CARLSBAD, NEW MEXICO



SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 AERIAL PHOTO



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
 LOCATED 530 FT. FROM THE NORTH LINE  
 AND 1512 FT. FROM THE EAST LINE OF  
 SECTION 4, TOWNSHIP 23 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

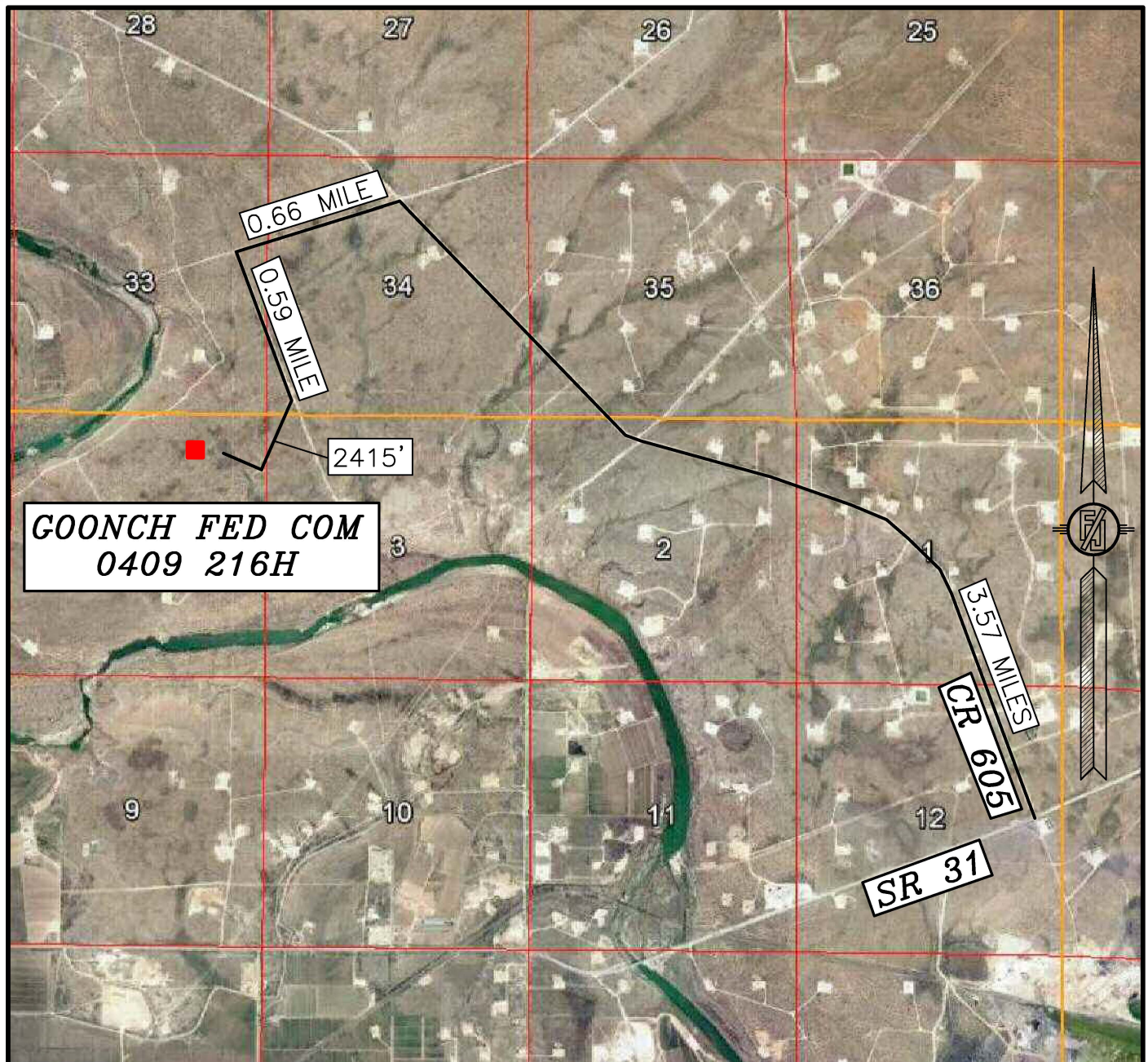
MADRON SURVEYING, INC.

301 SOUTH CANAL  
 (575) 234-3341

SURVEY NO. 7272C  
 CARLSBAD, NEW MEXICO



SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
 AERIAL PHOTO:  
 GOOGLE EARTH  
 MARCH 2016

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
 LOCATED 530 FT. FROM THE NORTH LINE  
 AND 1512 FT. FROM THE EAST LINE OF  
 SECTION 4, TOWNSHIP 23 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

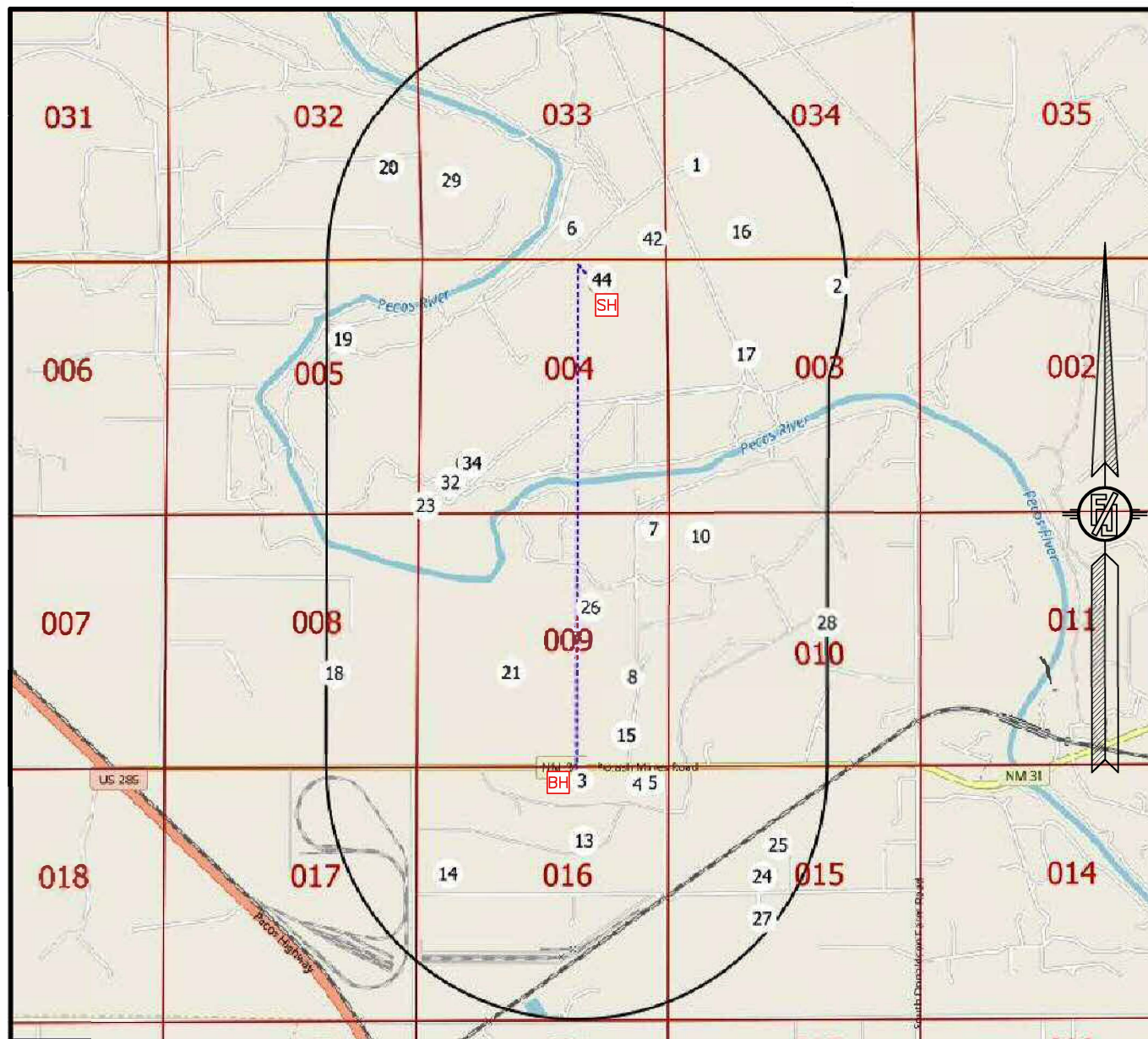
MADRON SURVEYING, INC.

301 SOUTH CANAL  
 (575) 234-3341

SURVEY NO. 7272C  
 CARLSBAD, NEW MEXICO



## 1-MILE MAP



NOT TO SCALE

[SH] SURFACE LOCATION

[BH] BOTTOM OF HOLE

[XX] WELLS WITHIN 1 MILE

--- WELL PATH

— 1-MILE BOUNDARY

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
**GOONCH FED COM 0409 216H**  
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 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

SURVEY NO. 7272C

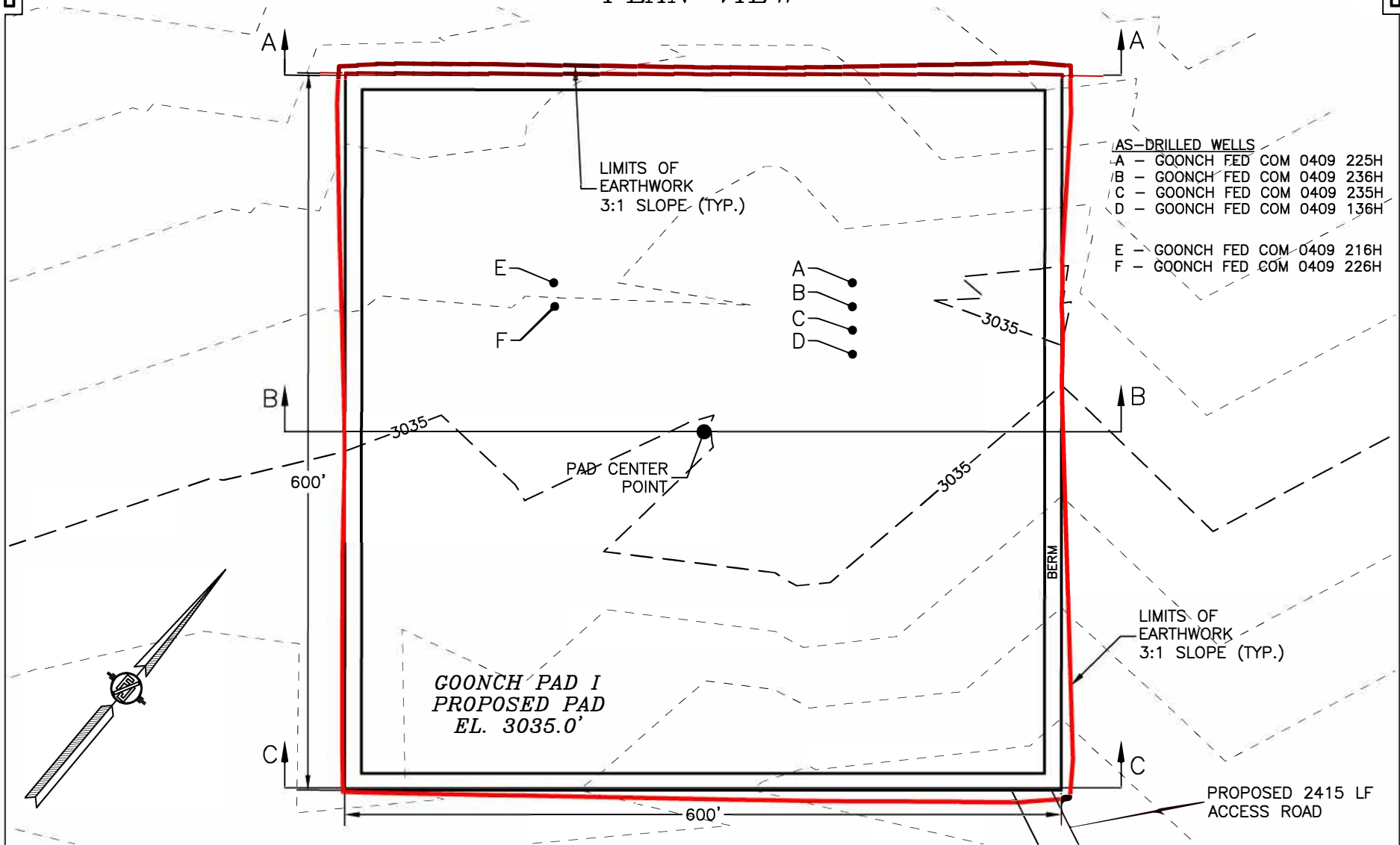
MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

CARLSBAD, NEW MEXICO



## PLAN VIEW



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR GOONCH FED COM 0409 216H**  
 SECTION 4, TOWNSHIP 23 SOUTH,  
 RANGE 28 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 7, 2021

CUT	FILL	NET
6849 CU. YD	7927 CU. YD	1078 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

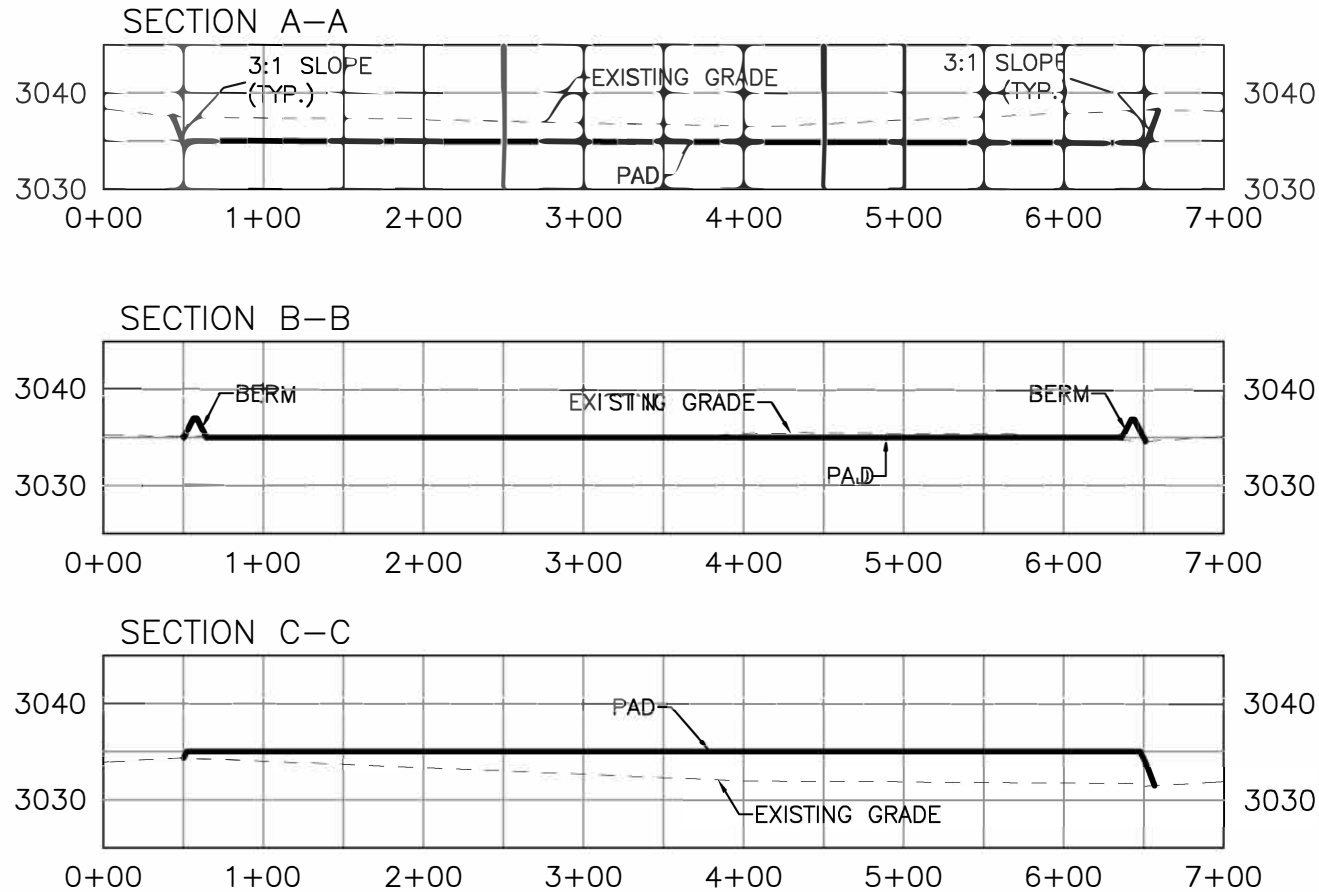
FILIMON F. JARAMILLO, 12797



**MADRON SURVEYING, INC.** 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO**

**SHEET 1-2**  
**SURVEY NO. 7272C**

## CROSS SECTIONS



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THE SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THE SURVEY MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, 12797

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**GRADING PLAN AND CROSS SECTIONS**  
**FOR GOONCH FED COM 0409 216H**  
**SECTION 4, TOWNSHIP 23 SOUTH,**  
**RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**

DECEMBER 7, 2021

301 SOUTH CANAL  
 (575) 234-3341

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

012 60 120 240  
 SCALE 1" = 120' - 1" = 20' VER

CUT	FILL	NET
6849 CU. YD	7927 CU. YD	1078 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

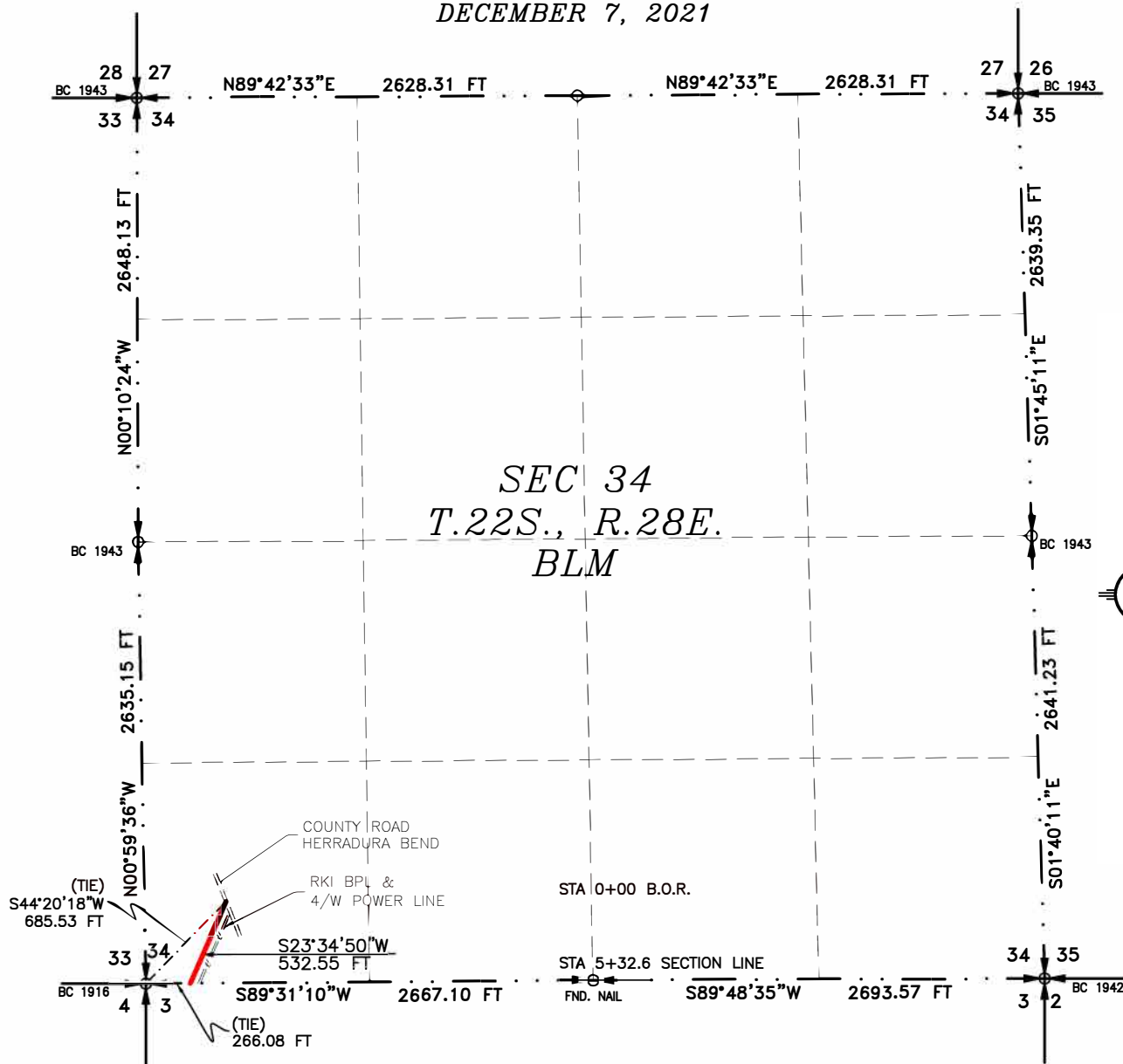
**SHEET 2-2**  
**SURVEY NO. 7272C**

**ACCESS ROAD PLAT**

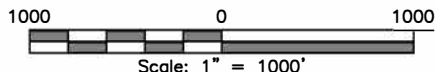
ACCESS ROAD TO THE GOONCH PAD I

(GOONCH FED COM 0409 236H, 136H, 225H, 235H, 216H, 226H)

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 7, 2021**



SEE NEXT SHEET (2-6) FOR DESCRIPTION

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-6

MADRON SURVEYING, INC.

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 08 DAY OF DECEMBER 2021

FILIMON F. JARAMILLO, S. 12797  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (575) 234-3341

MADRON SURVEYING, INC.  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (575) 234-3341

SURVEY NO. 7272C

CARLSBAD, NEW MEXICO

**ACCESS ROAD PLAT**

ACCESS ROAD TO THE GOONCH PAD I

(GOONCH FED COM 0409 236H, 136H, 225H, 235H, 216H, 226H)

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 7, 2021**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S44°20'18"W, A DISTANCE OF 685.53 FEET;  
 THENCE S23°34'50"W A DISTANCE OF 532.55 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 34, TOWNSHIP 22 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S89°31'10"W, A DISTANCE OF 266.08 FEET;

SAID STRIP OF LAND BEING 532.55 FEET OR 32.28 RODS IN LENGTH, CONTAINING 0.367 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4 532.55 L.F. 32.28 RODS 0.367 ACRES

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220  
 (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 8 DAY OF DECEMBER 2021

*FILIMON F. JARAMILLO*  
 FILIMON F. JARAMILLO PLS. 12797

MADRON SURVEYING, INC.  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (575) 234-3341

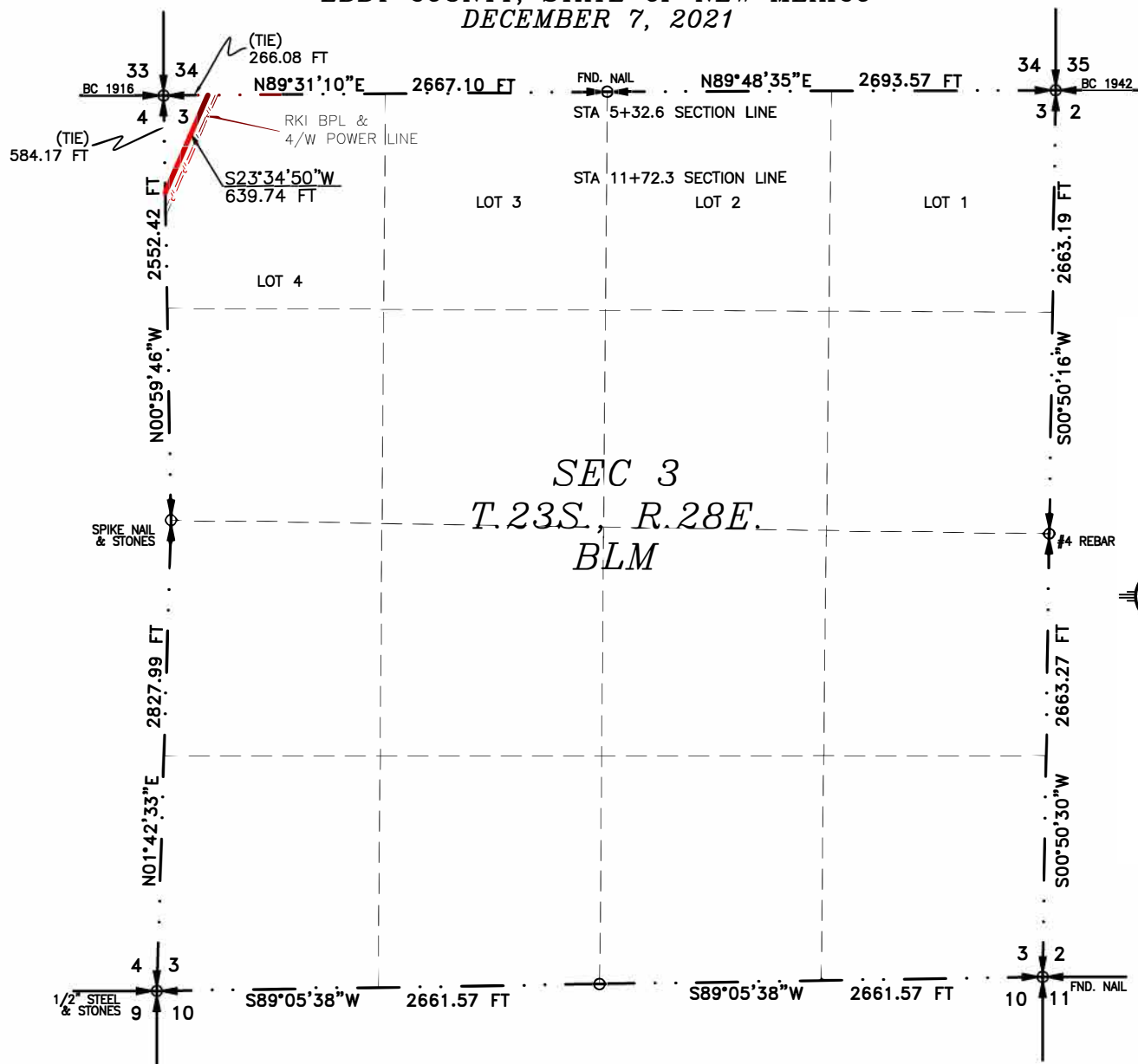
**SURVEY NO. 7272C**



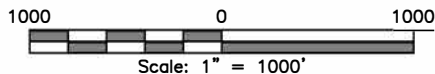
**ACCESS ROAD PLAT**

ACCESS ROAD TO THE GOONCH PAD I  
(GOONCH FED COM 0409 236H, 136H, 225H, 235H, 216H, 226H)

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
DECEMBER 7, 2021



SEE NEXT SHEET (4-6) FOR DESCRIPTION

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 3-6

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 8 DAY OF DECEMBER 2021

FILIMON F. JARAMILLO PLS. 12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

SURVEY NO. 7272C

**ACCESS ROAD PLAT**

ACCESS ROAD TO THE GOONCH PAD I

(GOONCH FED COM 0409 236H, 136H, 225H, 235H, 216H, 226H)

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 7, 2021**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN LOT 4 OF SAID SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS S89°31'10"W, A DISTANCE OF 266.08 FEET; THENCE S23°34'50"W A DISTANCE OF 639.74 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 3, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°59'46"W, A DISTANCE OF 584.17 FEET;

SAID STRIP OF LAND BEING 639.74 FEET OR 38.77 RODS IN LENGTH, CONTAINING 0.441 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 4 639.74 L.F. 38.77 RODS 0.441 ACRES

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 8<sup>TH</sup> DAY OF DECEMBER 2021



MADRON SURVEYING, INC.  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (575) 234-3341

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

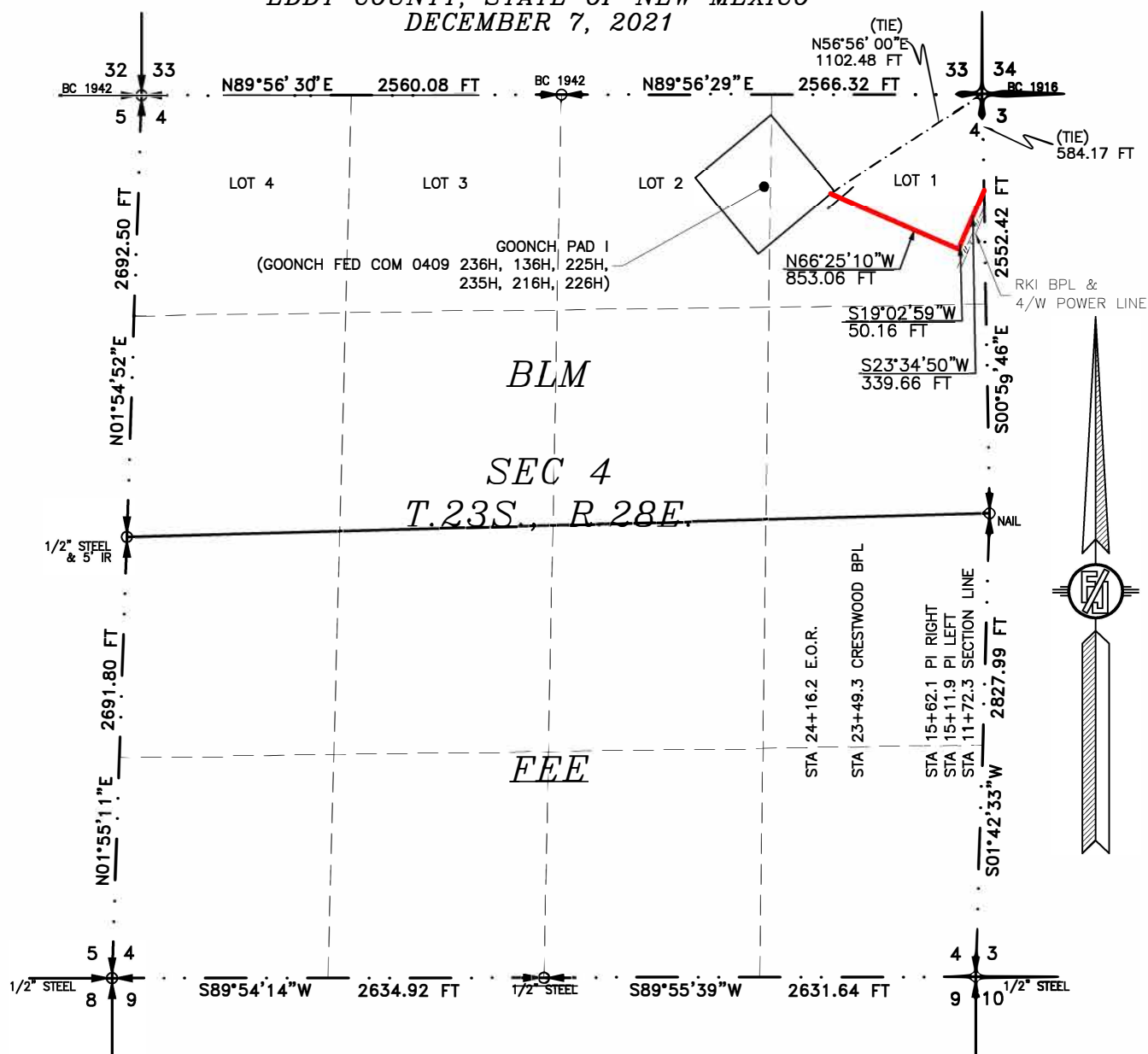
2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 4-6**

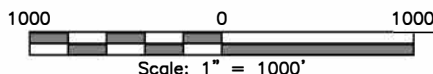
**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**

**SURVEY NO. 7272C**

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO  
DECEMBER 7, 2021 (TIE)



SEE NEXT SHEET (6-6) FOR DESCRIPTION



## GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP  
EAST (NAD83) MODIFIED TO SURFACE  
COORDINATES. NAD 83 (FEET) AND NAVD 88  
(FEET) COORDINATE SYSTEMS USED IN THE  
SURVEY.

*SHEET: 5-6*

MADRON SURVEYING, INC. 301 SOUTH CARLETON, CARLSBAD, NEW MEXICO  
(575) 224-4533

## SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS F8 JAN DAY OF DECEMBER 2021

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

*SURVEY NO. 7272C*

*NEW MEXICO*

**ACCESS ROAD PLAT**

ACCESS ROAD TO THE GOONCH PAD I

(GOONCH FED COM 0409 236H, 136H, 225H, 235H, 216H, 226H)

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 7, 2021**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN LOT 1 OF SAID SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N00°59'46"W, A DISTANCE OF 584.17 FEET; THENCE S23°34'50"W A DISTANCE OF 339.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S19°02'59"W A DISTANCE OF 50.16 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N66°25'10"W A DISTANCE OF 853.06 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 4, TOWNSHIP 23 SOUTH, RANGE 28 EAST, N.M.P.M. BEARS N56°56'00"E, A DISTANCE OF 1102.48 FEET;

SAID STRIP OF LAND BEING 1242.88 FEET OR 75.33 RODS IN LENGTH, CONTAINING 0.856 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 1242.88 L.F. 75.33 RODS 0.856 ACRES

**SURVEYOR CERTIFICATE**

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 8 JAN 07 DECEMBER 2021

**GENERAL NOTES**

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 6-6**

**MADRON SURVEYING, INC.** 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO**

MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 7272C**



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS  
  
Action 72885

COMMENTS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 72885
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Approved, John Garcia, Petroleum Engineer	3/10/2022

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 72885

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 72885
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
jagarcia	None	3/10/2022