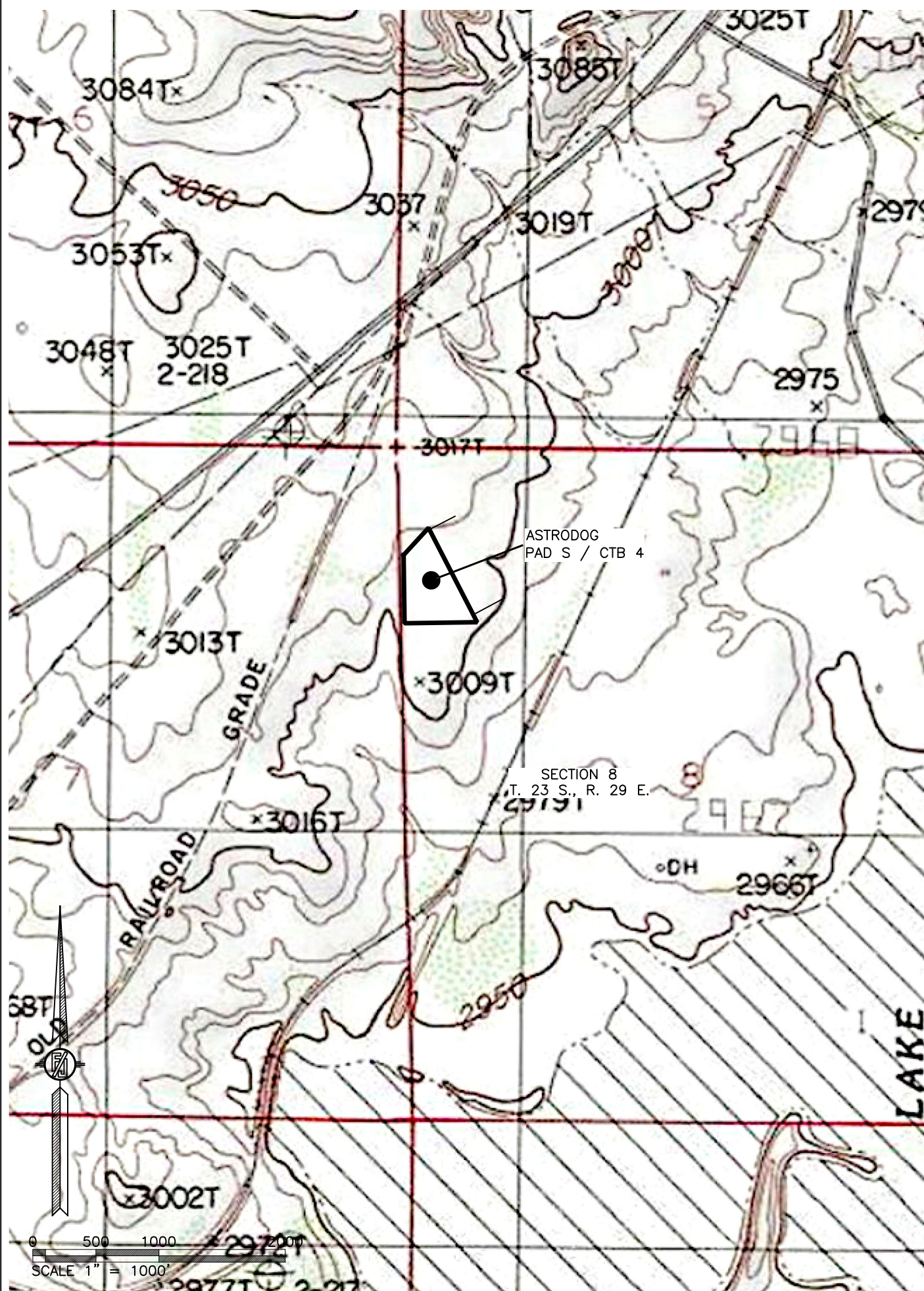




*QUAD MAP*



CARLSBAD, NEW MEXICO



ASTRODOG PAD S / CTB 4

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
IN THE W/2 NW/4 NW/4 OF  
SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY, STATE OF NEW MEXICO

JULY 23, 2021

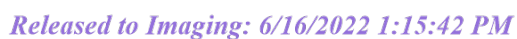
AERIAL PHOTO



SHEET: 3-3

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

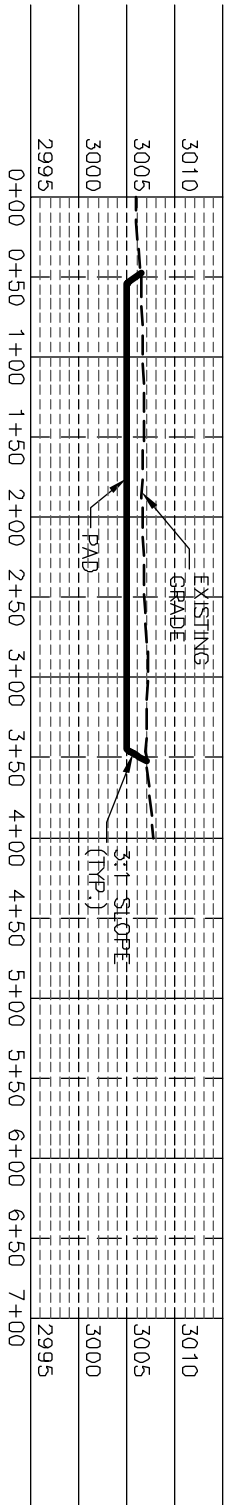
SURVEY NO. 7534B



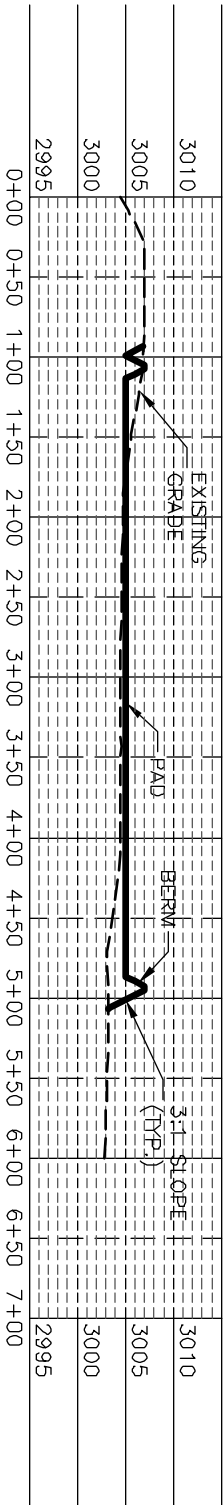


CROSS-SECTIONS

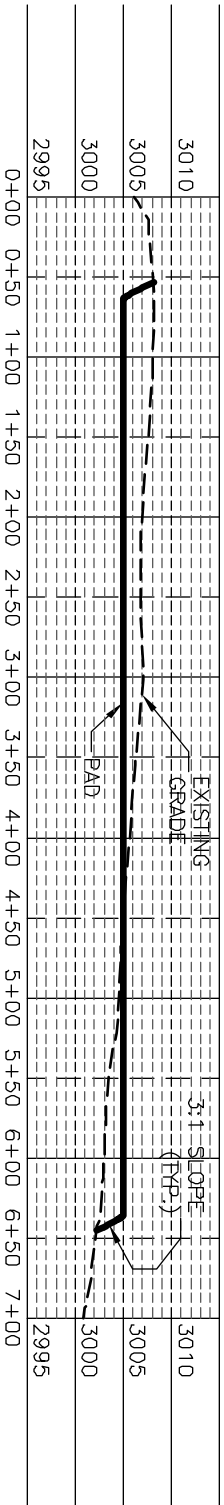
SECTION A-A'



SECTION B-B'



SECTION C-C'



I, FILMON F. JARAMA, C.E.N.E., REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 10284, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY WAS MADE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF IN ACCORDANCE WITH THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
PAD ELEVATIONS AND CROSS SECTIONS  
FOR ASTRODOG PAD S / CTB 4  
SECTION 8, TOWNSHIP 23 SOUTH,  
RANGE 29 EAST, N.M.P.M.,  
EDDY COUNTY, STATE OF NEW MEXICO

CUT	FILL	NET
5796 CU. YD	2908 CU. YD	2888 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

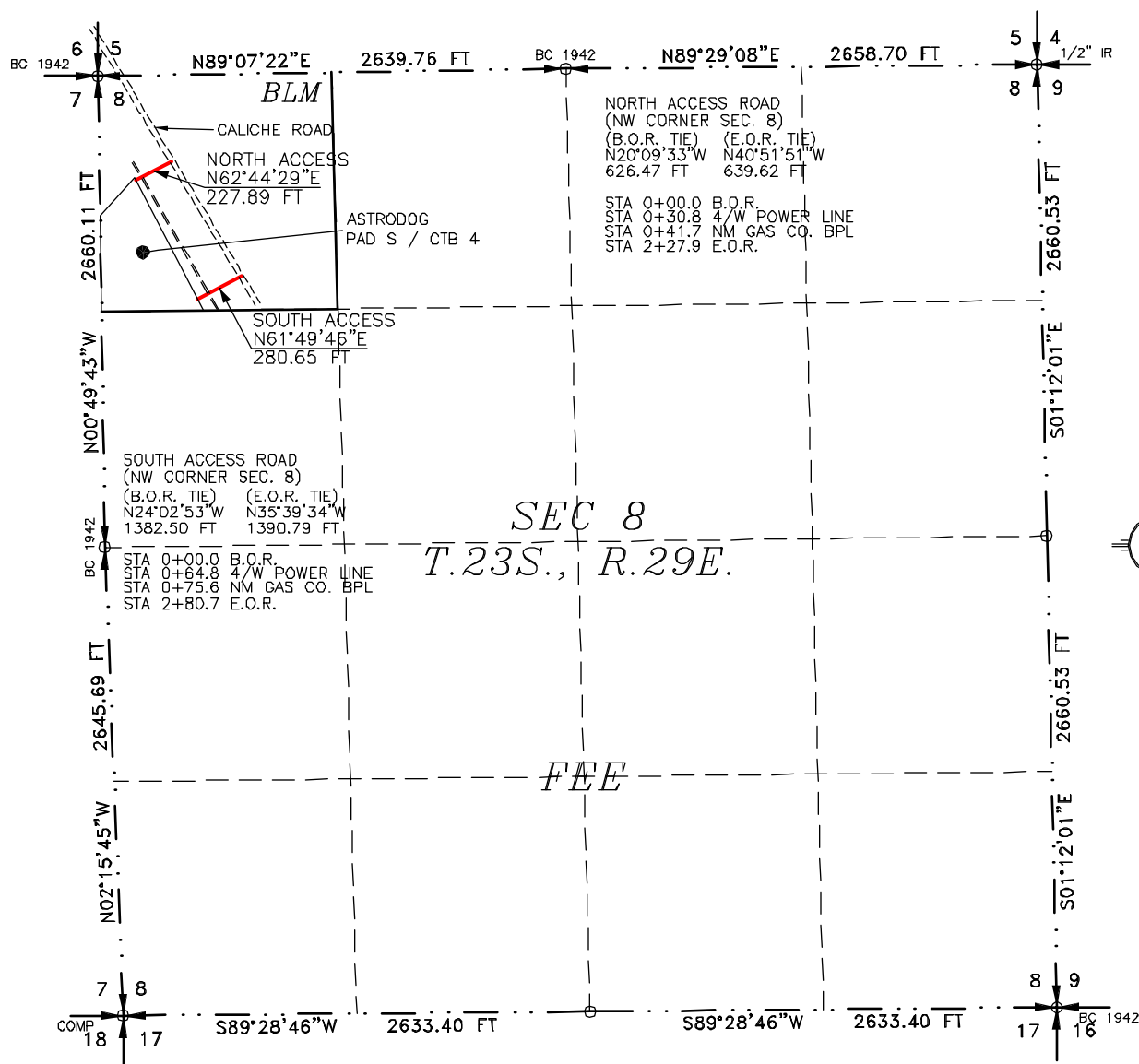
012 60 120 240  
SCALE 1" = 120' - 1" = 20' VER

JULY 23, 2021  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO  
SHEET 2-2  
SURVEY NO. 7534B

**ACCESS ROAD PLAT**

ACCESS ROADS FOR ASTRODOG PAD S / CTB 4

NOVO OIL & GAS NORTHERN DELAWARE, LLC  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.  
 EDDY COUNTY, STATE OF NEW MEXICO  
 JULY 23, 2021



SEE NEXT SHEET (2-2) FOR DESCRIPTION

**SURVEYOR CERTIFICATE**

I, FILMON 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 23rd DAY OF JULY 2021

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

**SURVEY NO. 7534B**  
 CARLSBAD, NEW MEXICO

**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: 1-2

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

**ACCESS ROAD PLAT**  
ACCESS ROADS FOR ASTRODOG PAD S / CTB 4

**NOVO OIL & GAS NORTHERN DELAWARE, LLC**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.**  
**EDDY COUNTY, STATE OF NEW MEXICO**  
**JULY 23, 2021**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**NORTH ACCESS**

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N20°09'33"W, A DISTANCE OF 626.47 FEET;  
THENCE N62°44'29"E A DISTANCE OF 227.89 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N40°51'51"W, A DISTANCE OF 639.62 FEET;

SAID STRIP OF LAND BEING 227.89 FEET OR 13.81 RODS IN LENGTH, CONTAINING 0.157 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4    227.89 L.F.    13.81 RODS    0.157 ACRES

**SOUTH ACCESS**

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N24°02'53"W, A DISTANCE OF 1382.50 FEET;  
THENCE N61°49'46"E A DISTANCE OF 280.65 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N35°39'34"W, A DISTANCE OF 1390.79 FEET;

SAID STRIP OF LAND BEING 280.65 FEET OR 17.01 RODS IN LENGTH, CONTAINING 0.193 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4    280.65 L.F.    17.01 RODS    0.193 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: 2-2**

**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 26<sup>TH</sup> DAY OF JULY 2021



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

**SURVEY NO. 7534B**

**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**

QUESTIONS  
  
Action 118036

QUESTIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 118036
	Action Type: [UF-FAC] TB Registration (TB-REG)

QUESTIONS

<b>Facility Details</b> <i>Please answer all of the questions in this group.</i>	
Name of the facility	ASTRODOG PAD S CTB 4
Date the facility was opened	06/11/2022
Depth to ground water, if known	Not answered.

<b>Verification</b>	
Does the operator have other facilities with a matching name	No
Are there other facilites located within approximately 50 feet	No



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
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**State of New Mexico**  
**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

ACKNOWLEDGMENTS  
  
Action 118036

**ACKNOWLEDGMENTS**

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 118036
	Action Type: [UF-FAC] TB Registration (TB-REG)

**ACKNOWLEDGMENTS**

<input checked="" type="checkbox"/>	I certify that I am authorized to register a facility on behalf of the responsible operator.
<input checked="" type="checkbox"/>	I certify that I will notify OCD of any changes of ownership for this facility.
<input checked="" type="checkbox"/>	I certify that I will notify OCD when this facility is closed.