

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 & 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

HOBBS OCD  
OCT 03 2016  
RECEIVED

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025	<sup>2</sup> Pool Code 97088	<sup>3</sup> Pool Name WC-025, 4-08, S2535340, BS
<sup>4</sup> Property Code 316013	<sup>5</sup> Property Name DUO SONIC 29 FEDERAL	<sup>6</sup> Well Number 503H
<sup>7</sup> OGRID No. 270329	<sup>8</sup> Operator Name ENDURANCE RESOURCES, LLC	<sup>9</sup> Elevation 3249.5

<sup>10</sup> Surface Location

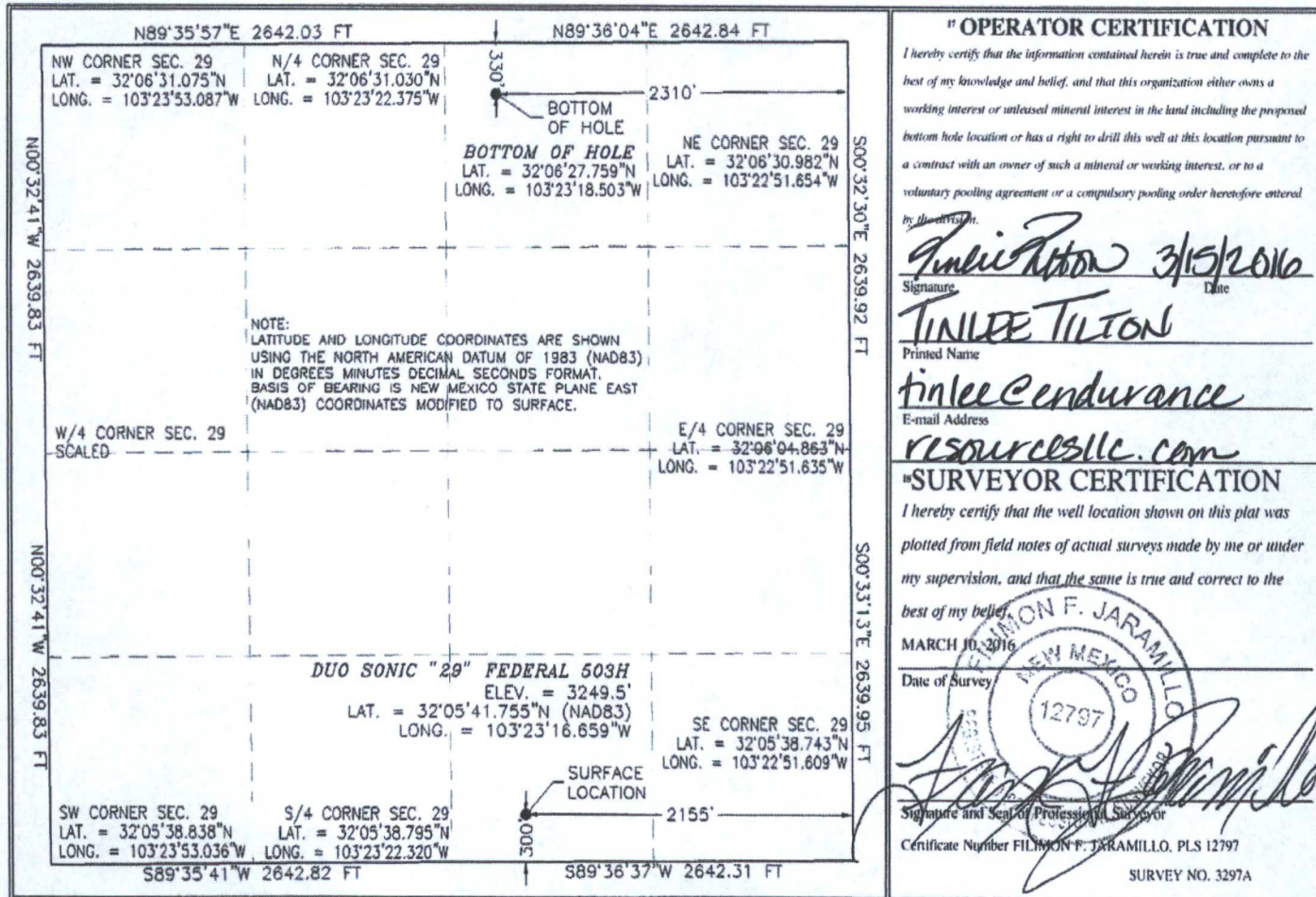
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	29	25 S	35 E		300	SOUTH	2155	EAST	LEA

<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	29	25 S	35 E		330	NORTH	2310	EAST	LEA

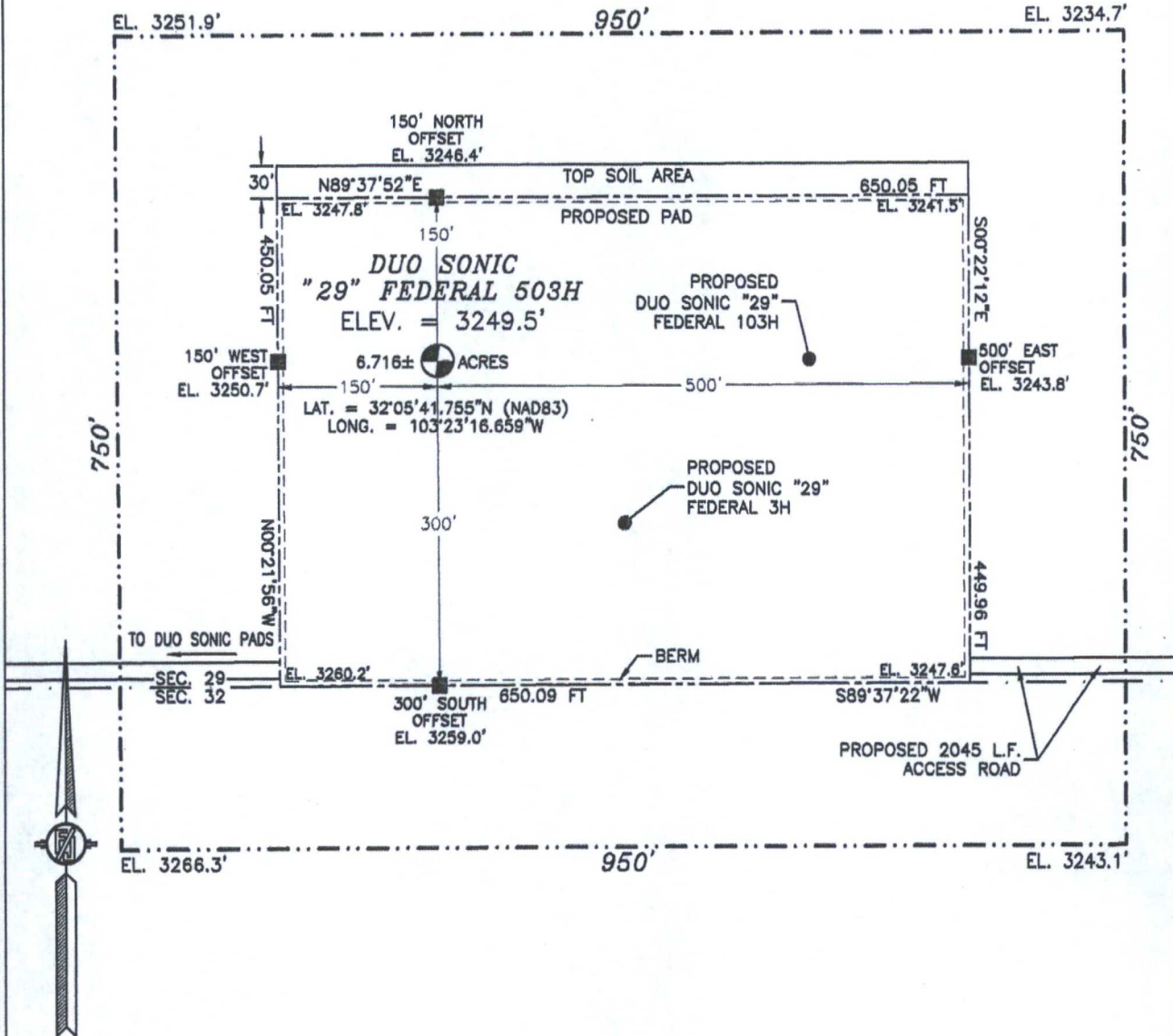
<sup>12</sup> Dedicated Acres 160	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SITE MAP

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) IN DEGREES, MINUTES AND DECIMAL SECONDS FORMAT. BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO SURFACE.



015 75 150 300

SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR. #2 (BATTLE AXE), GO EAST ON STATE HWY. 128 0.2 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 4.2 MILES, TURN LEFT AND GO SOUTHEAST 1.2 MILES, BEND RIGHT AND GO SOUTH 0.7 MILES, TURN LEFT AND GO EAST 0.91 MILES, TURN RIGHT ON SANDY TRAIL ROAD AND GO SOUTH 4440' TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS WEST 2045' TO THE PROPOSED SOUTHEAST PAD CORNER FOR THIS LOCATION.

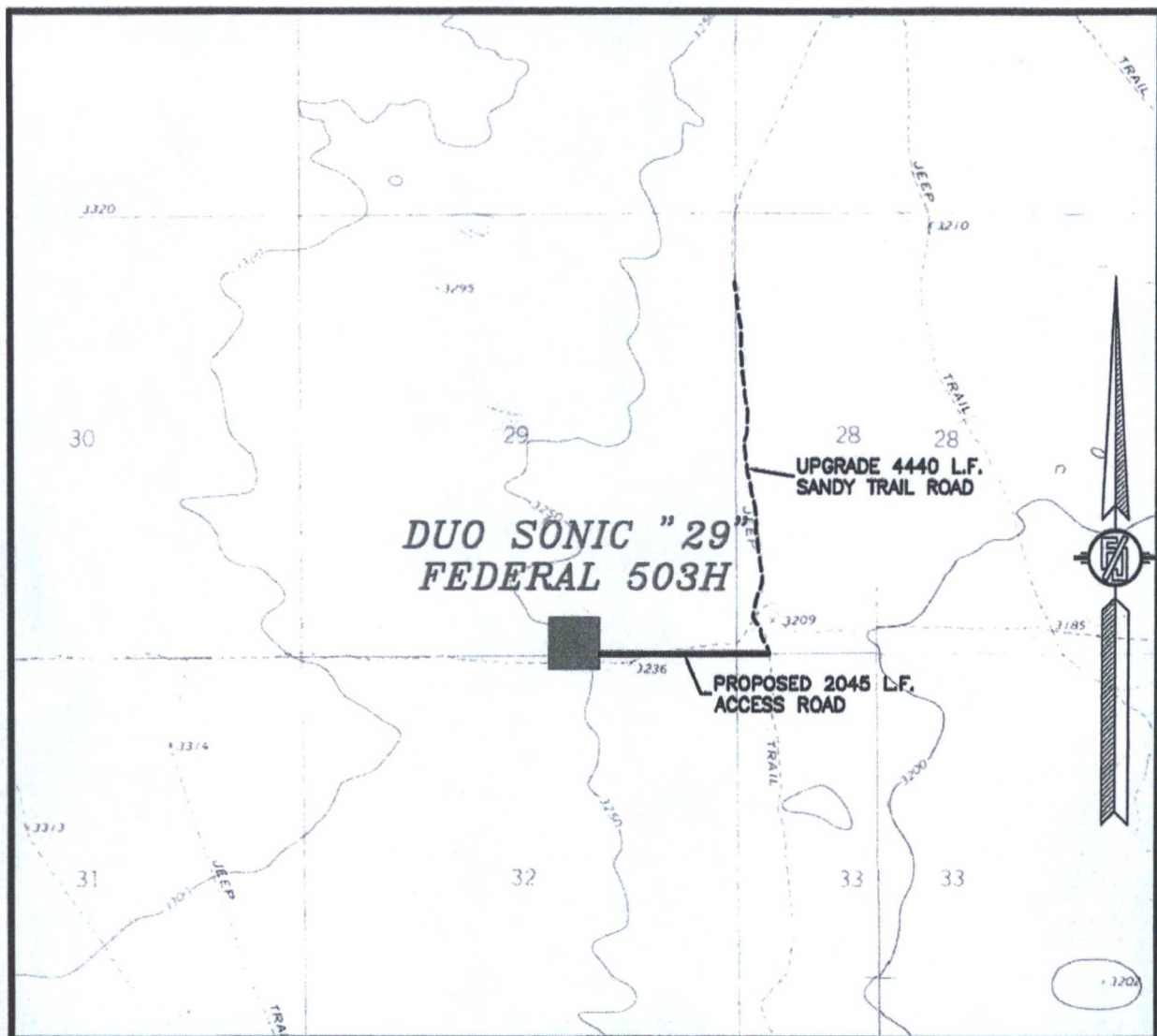
ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 503H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 2155 FT. FROM THE EAST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

MARCH 10, 2016

SURVEY NO. 3297A

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

SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
ANDREWS PLACE

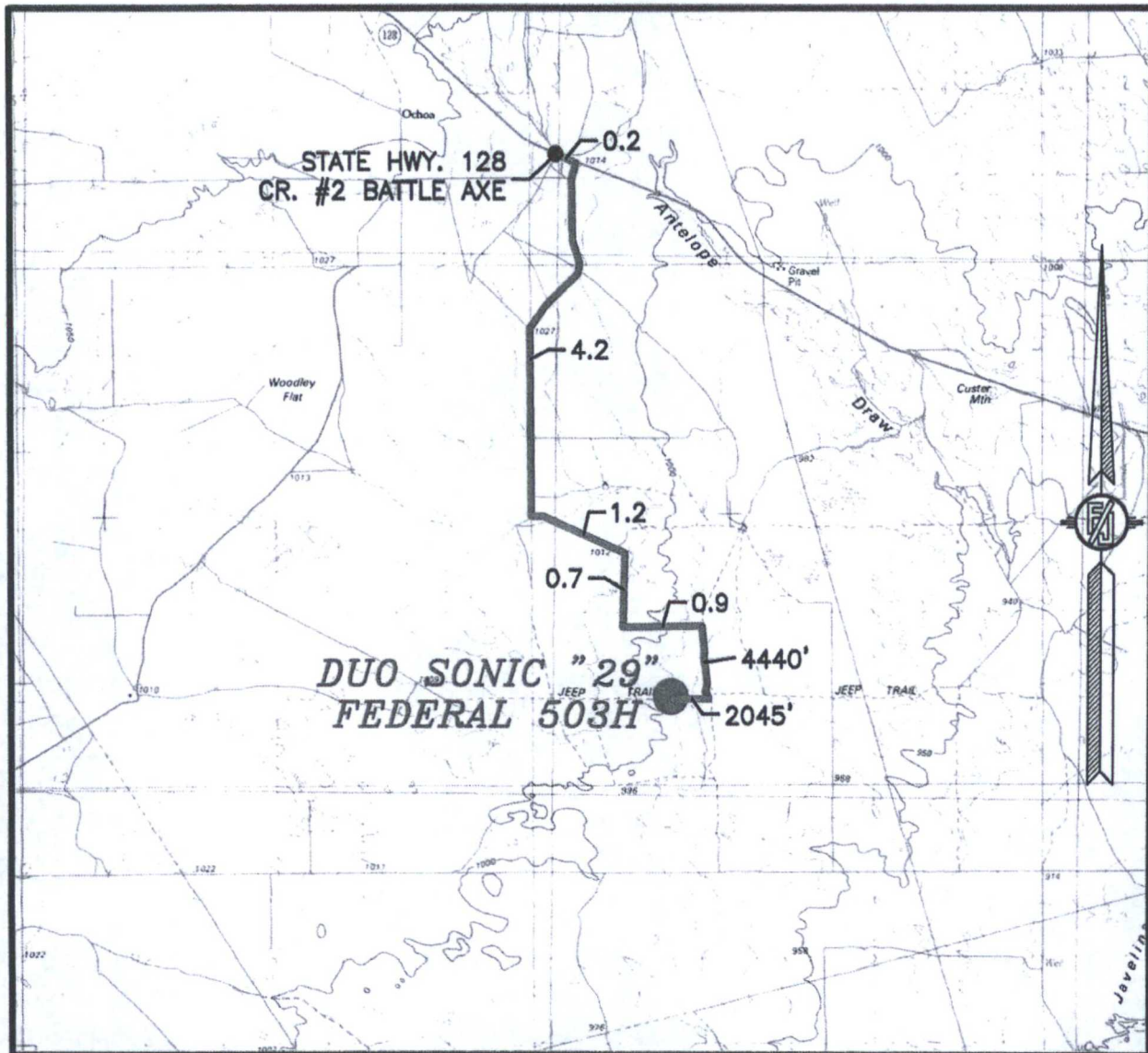
NOT TO SCALE

ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 503H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 2155 FT. FROM THE EAST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

MARCH 10, 2016

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 3297A

SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

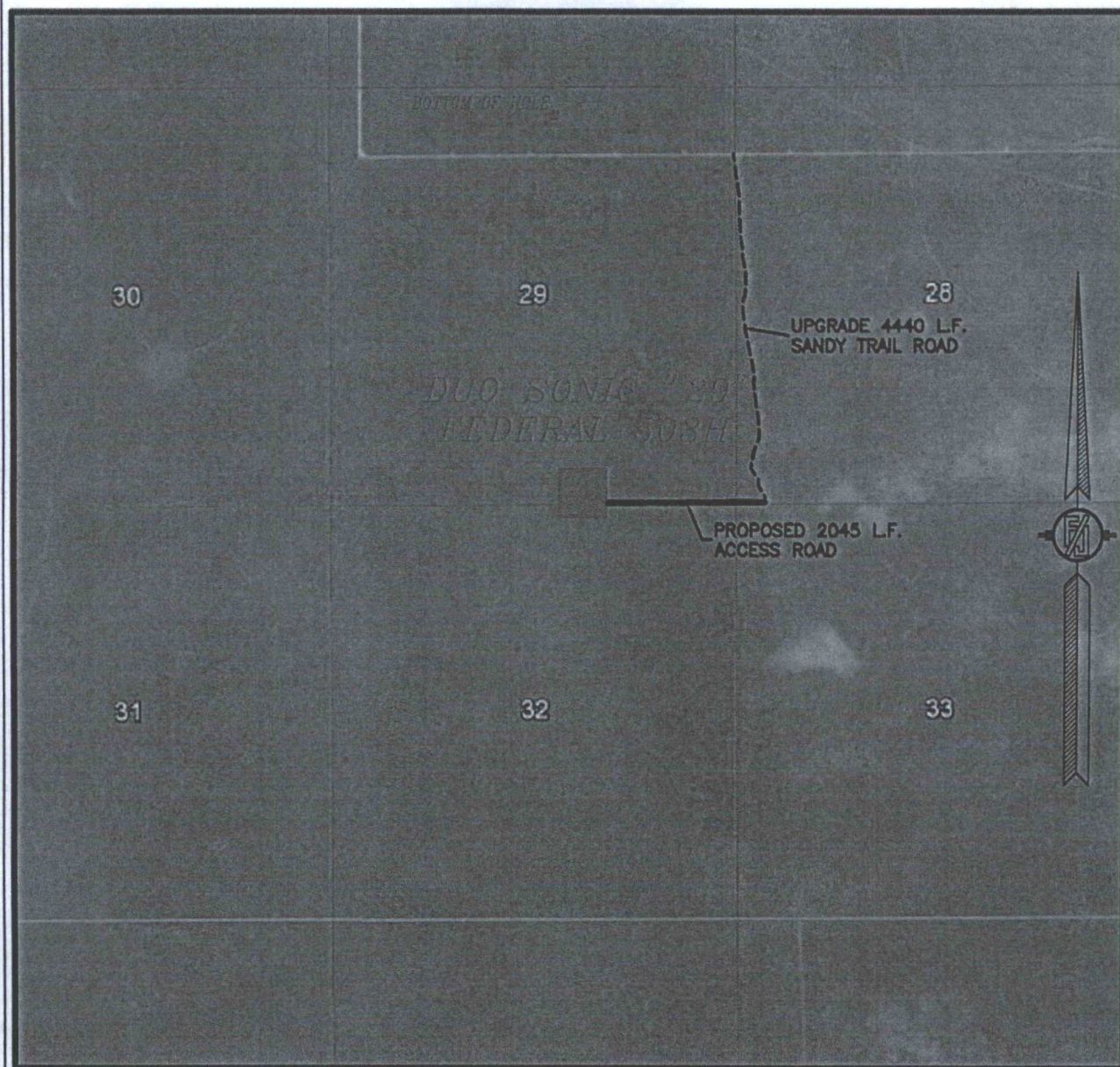
FROM STATE HWY. 128 AND CR. #2 (BATTLE AXE), GO EAST ON STATE HWY. 128 0.2 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 4.2 MILES, TURN LEFT AND GO SOUTHEAST 1.2 MILES, BEND RIGHT AND GO SOUTH 0.7 MILES, TURN LEFT AND GO EAST 0.91 MILES, TURN RIGHT ON SANDY TRAIL ROAD AND GO SOUTH 4440' TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS WEST 2045' TO THE PROPOSED SOUTHEAST PAD CORNER FOR THIS LOCATION.

**ENDURANCE RESOURCES, LLC**  
**DUO SONIC "29" FEDERAL 503H**  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 2155 FT. FROM THE EAST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

MARCH 10, 2016

**MADRON SURVEYING, INC.** 301 SOUTH CANAL (575) 234-3341 **CARLSBAD, NEW MEXICO** SURVEY NO. 3297A

SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
APRIL 2013

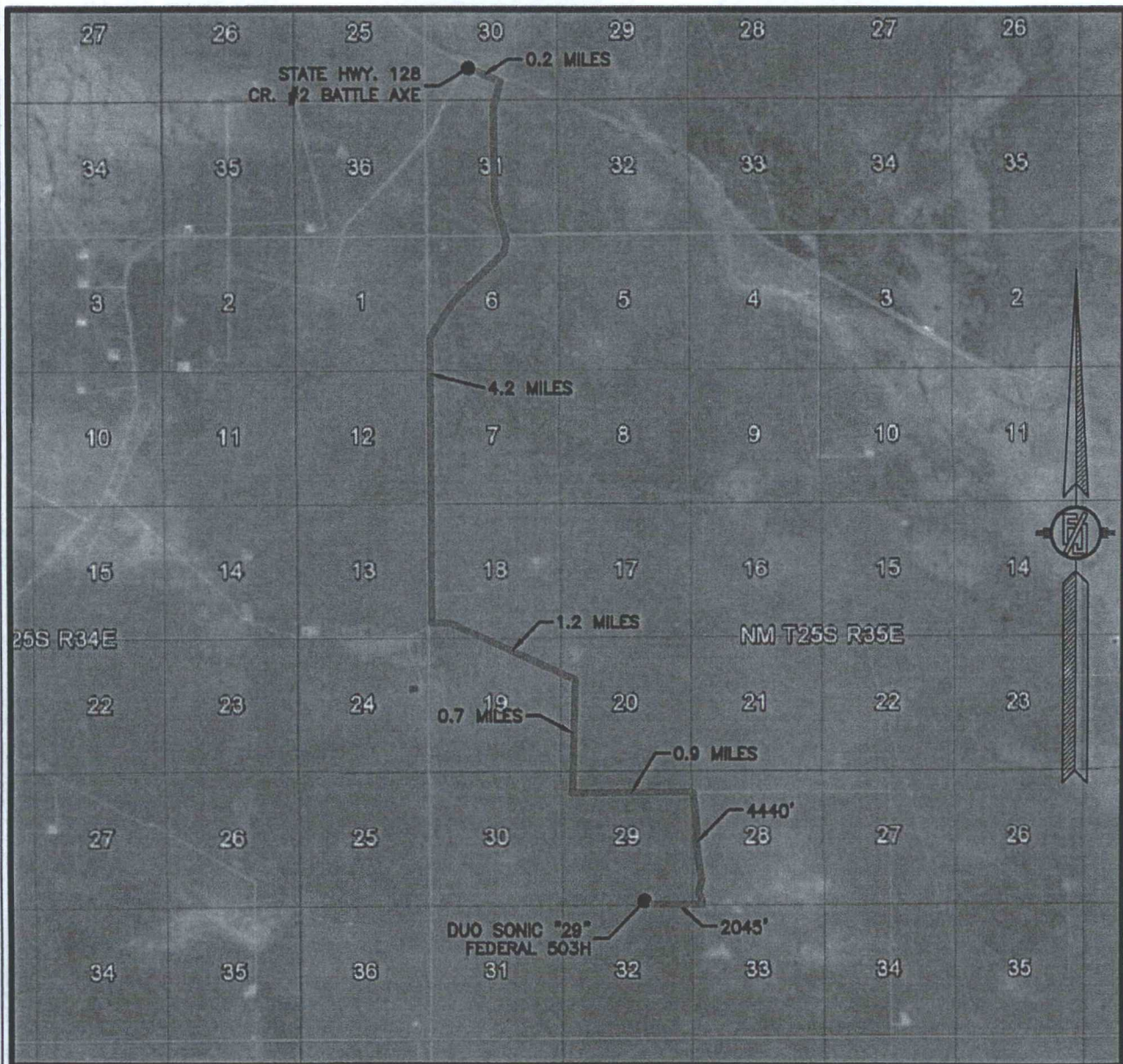
ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 503H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 2155 FT. FROM THE EAST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

MARCH 10, 2016

SURVEY NO. 3297A

MADRON SURVEYING, INC. 301 SOUTH CANAL (375) 234-3341 CARLSBAD, NEW MEXICO

SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL ACCESS ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
APRIL 2013

ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 503H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 2155 FT. FROM THE EAST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

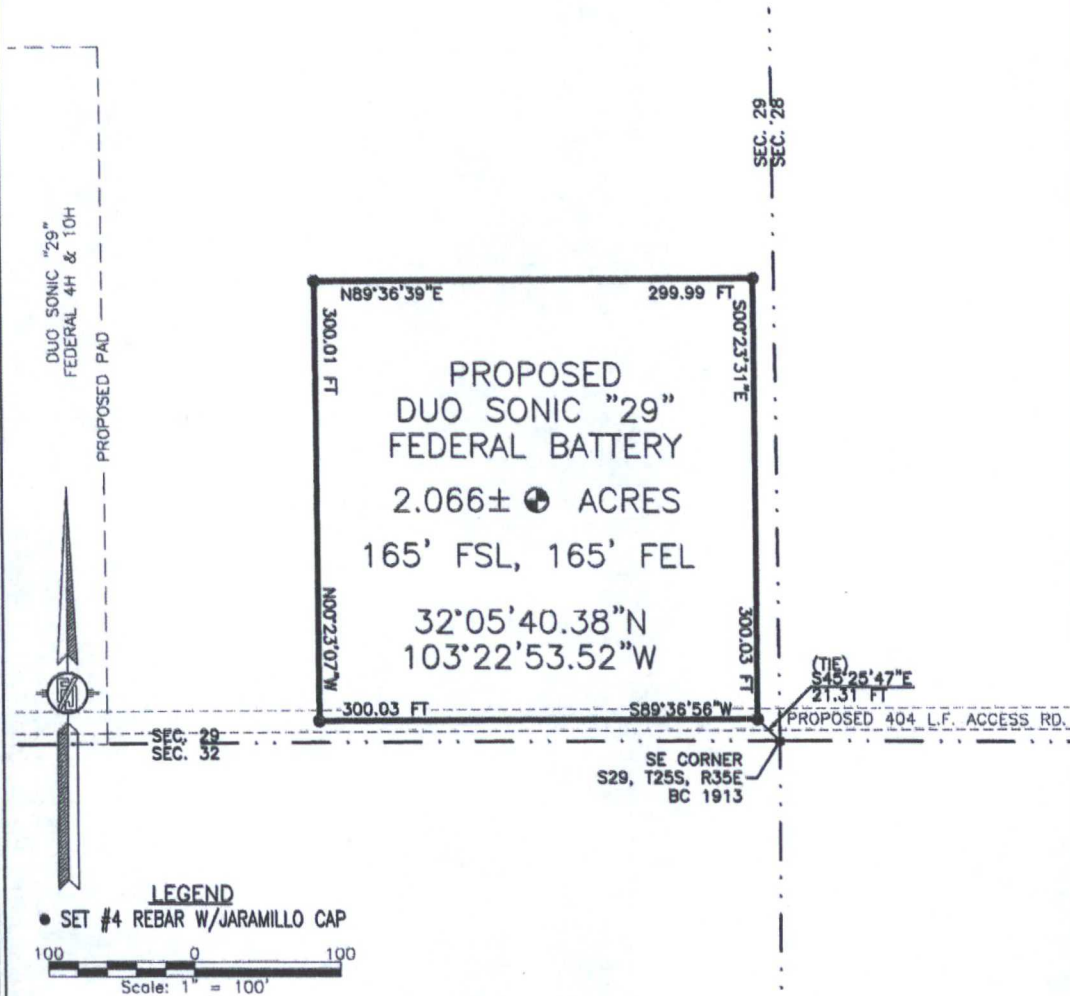
MARCH 10, 2016

SURVEY NO. 3297A

MADRON SURVEYING, INC. 301 SOUTH CANAL (375) 234-3341 CARLSBAD, NEW MEXICO

DUO SONIC "29" FEDERAL BATTERY  
ENDURANCE RESOURCES, LLC  
IN THE SE/4 SE/4 SE/4 OF  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 30, 2014



DESCRIPTION

A CERTAIN PIECE OR PARCEL OF LAND AND REAL ESTATE LYING IN BUREAU OF LAND MANAGEMENT LAND IN THE SE/4 SE/4 SE/4 OF SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHEAST CORNER OF THE PARCEL, WHENCE THE SOUTHEAST CORNER OF SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S45°25'47\"E, A DISTANCE OF 21.31 FEET;  
THENCE S89°36'56\"W A DISTANCE OF 300.03 FEET TO THE SOUTHWEST CORNER OF THE PARCEL;  
THENCE N00°23'07\"W A DISTANCE OF 300.01 FEET TO THE NORTHWEST CORNER OF THE PARCEL;  
THENCE N89°36'39\"E A DISTANCE OF 299.99 FEET TO THE NORTHEAST CORNER OF THE PARCEL;  
THENCE S00°23'31\"E A DISTANCE OF 300.03 FEET TO THE NORTHEAST CORNER OF THE PARCEL, THE POINT OF BEGINNING;  
CONTAINING 2.066 ACRES MORE OR LESS.

GENERAL NOTES

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A TANK BATTERY

2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE MODIFIED TO THE SURFACE (NAD83)

DRIVING DIRECTIONS: FROM STATE HWY. 128 AND CR. #2 (BATTLE AXE), GO EAST ON STATE HWY. 128 0.2 MILES, TURN RIGHT ON CALICHE ROAD AND GO SOUTH 4.2 MILES, TURN LEFT AND GO SOUTHEAST 1.2 MILES, BEND RIGHT AND GO SOUTH 0.7 MILES, TURN LEFT AND GO EAST 0.91 MILES, TURN RIGHT ON SANDY TRAIL ROAD AND GO SOUTH 4440' TO A PROPOSED ROAD SURVEY AND FOLLOW FLAGS WEST 404' TO THE PROPOSED SOUTHEAST PAD CORNER FOR THIS LOCATION.

SHEET: 1-3

MADRON SURVEYING, INC.

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12787, 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 15 DAY OF OCTOBER 2014

*Filmon F. Jaramillo*  
FILMON F. JARAMILLO PLS. 12787

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

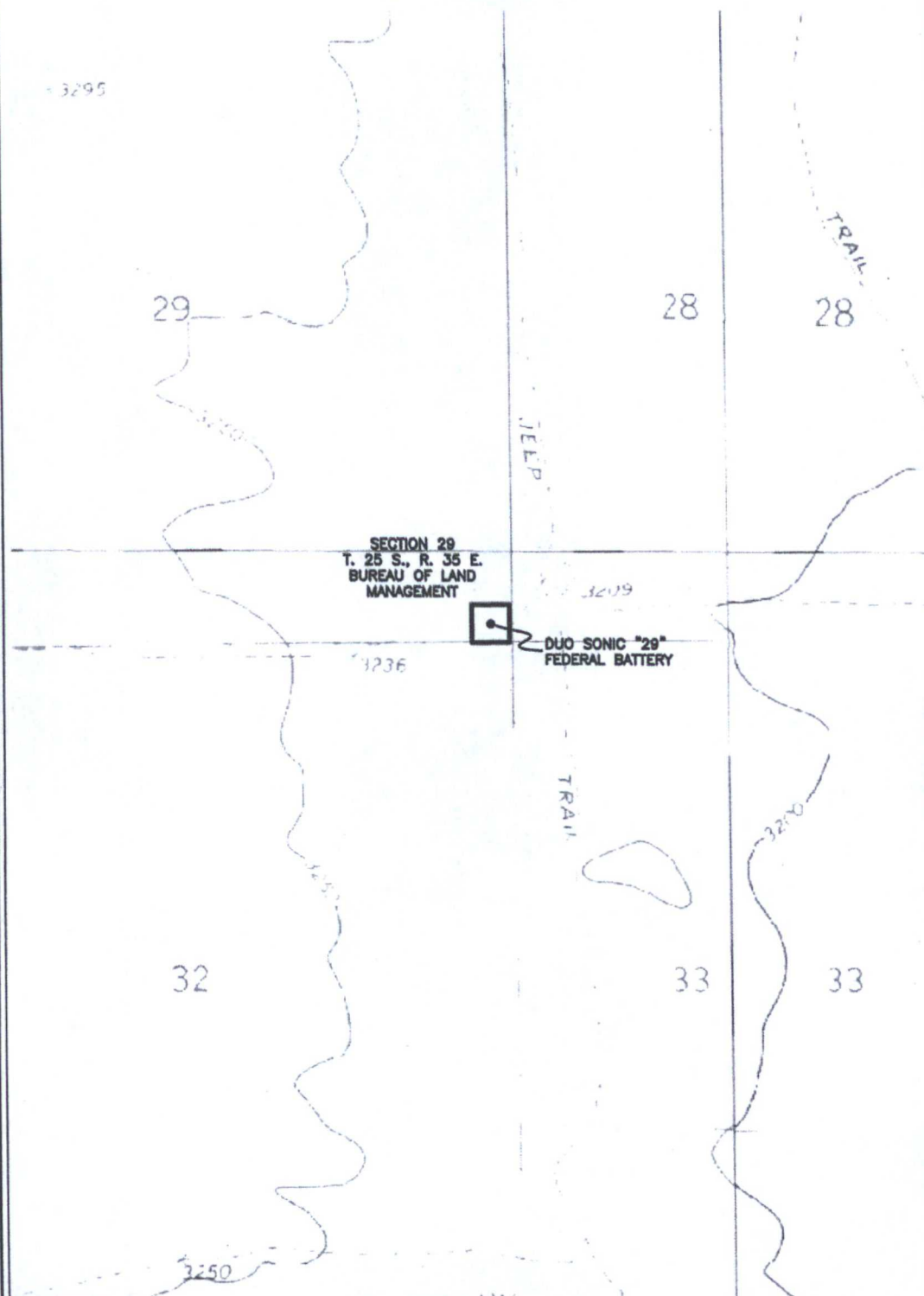
SURVEY NO. 3392

CARLSBAD, NEW MEXICO

DUO SONIC "29" FEDERAL BATTERY  
ENDURANCE RESOURCES, LLC  
IN THE SE/4 SE/4 SE/4 OF  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 30, 2014

QUAD MAP



SHEET: 2-3

MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

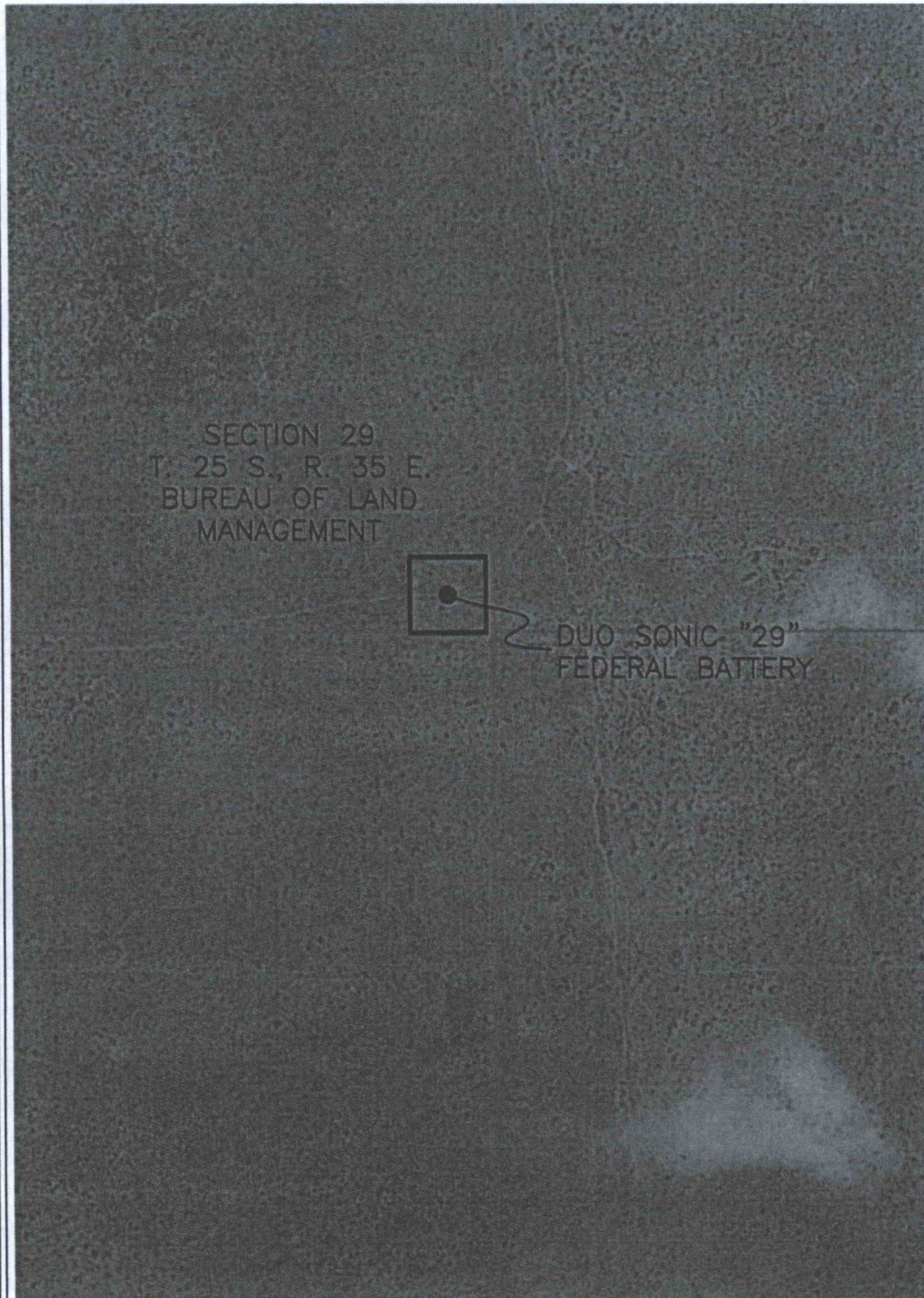
CARLSBAD, NEW MEXICO

SURVEY NO. 3392

DUO SONIC "29" FEDERAL BATTERY  
ENDURANCE RESOURCES, LLC  
IN THE SE/4 SE/4 SE/4 OF  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 30, 2014

AERIAL PHOTO



SHEET: 3-3

MADRON SURVEYING, INC.

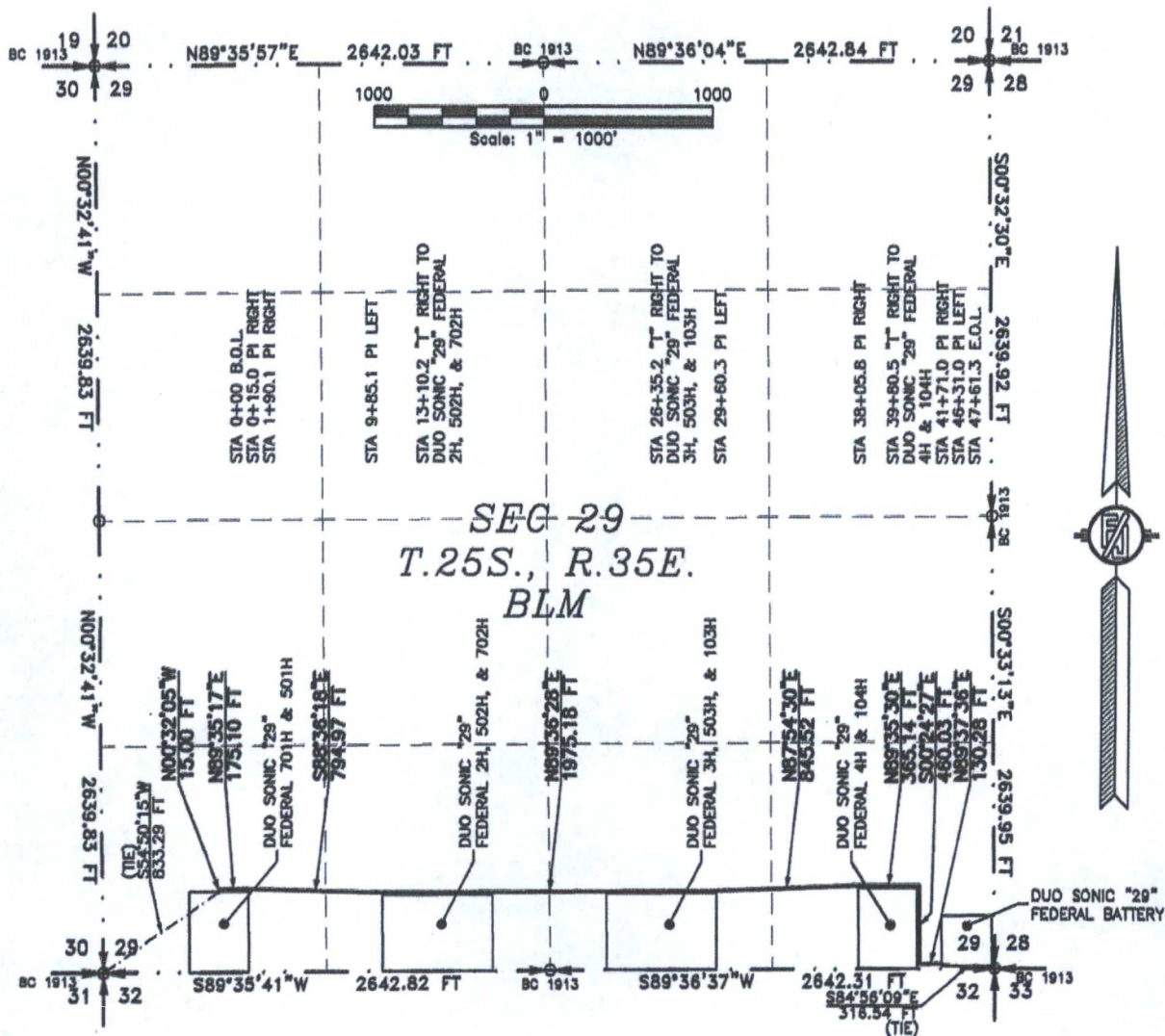
301 SOUTH CAVAL  
(878) 234-3341

SURVEY NO. 3392

CARLSBAD, NEW MEXICO

MULTI-USE R-O-W TO CONNECT DUO SONIC "29" FEDERAL 701H, 501H, 2H, 502H, 702H, 3H, 503H, 103H, 4H, & 104H WELL LOCATIONS TO DUO SONIC "29" FEDERAL BATTERY

**ENDURANCE RESOURCES, LLC**  
**CENTERLINE SURVEY OF A MULTI-USE R-O-W CROSSING**  
**SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**MARCH 15, 2016**



SEE NEXT SHEET (2-5) FOR DESCRIPTION  
**SURVEYOR CERTIFICATE**

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

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 15 DAY OF MARCH 2016

*[Signature]*  
 FILIMON F. JARAMILLO PLS. 12797

MADRON SURVEYING, INC.  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (375) 234-3341

**SHEET: 1-5**

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

**SURVEY NO. 3393A**

MULTI-USE R-O-W TO CONNECT DUO SONIC "29" FEDERAL 701H, 501H, 2H, 502H, 702H, 3H, 503H, 103H, 4H, & 104H WELL LOCATIONS TO DUO SONIC "29" FEDERAL BATTERY

**ENDURANCE RESOURCES, LLC**  
**CENTERLINE SURVEY OF A MULTI-USE R-O-W CROSSING**  
**SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**MARCH 15, 2016**

**DESCRIPTION**

A STRIP OF LAND 50 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 25 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S54°50'15"W, A DISTANCE OF 833.29 FEET;  
THENCE N00°32'05"W A DISTANCE OF 15.00 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°35'17"E A DISTANCE OF 175.10 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S88°36'18"E A DISTANCE OF 794.97 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°36'28"E A DISTANCE OF 1975.18 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N87°54'30"E A DISTANCE OF 845.52 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°35'30"E A DISTANCE OF 365.14 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S00°24'27"E A DISTANCE OF 460.03 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°37'36"E A DISTANCE OF 130.28 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M. BEARS S84°56'09"E, A DISTANCE OF 316.54 FEET;

SAID STRIP OF LAND BEING 4761.22 FEET OR 288.56 RODS IN LENGTH, CONTAINING 5.465 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4	650.87 L.F.	39.45 RODS	0.747 ACRES
SE/4 SW/4	1321.56 L.F.	80.09 RODS	1.517 ACRES
SW/4 SE/4	1321.30 L.F.	80.08 RODS	1.517 ACRES
SE/4 SE/4	1467.49 L.F.	88.94 RODS	1.684 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 15 DAY OF MARCH 2016

**GENERAL NOTES**

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

2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

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

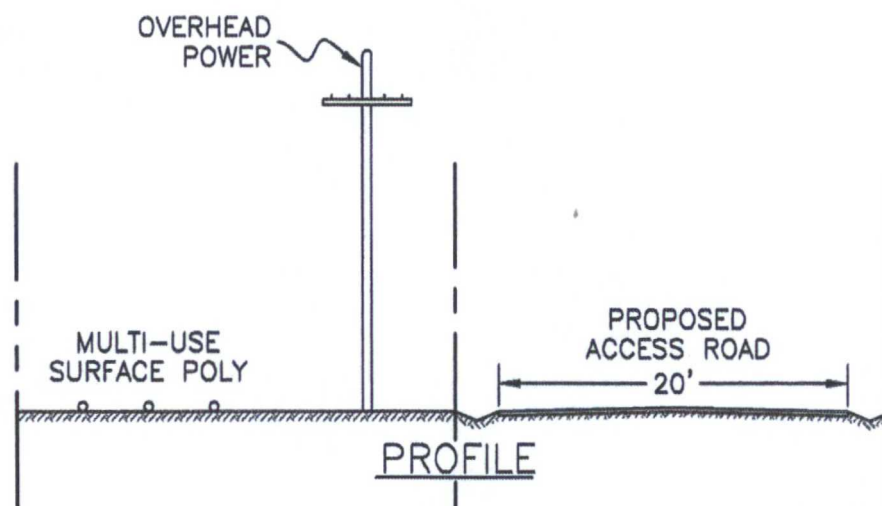
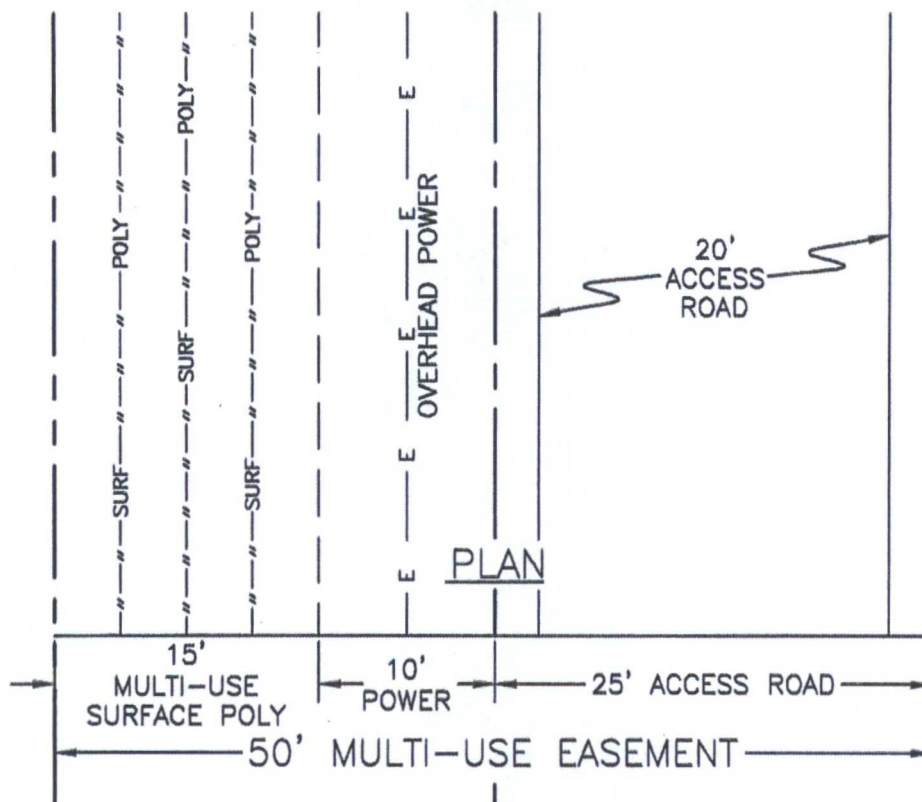
SHEET: 2-5

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

SURVEY NO. 3393A

MULTI-USE R-O-W TO CONNECT DUO SONIC "29" FEDERAL 701H, 501H, 2H, 502H, 702H, 3H, 503H, 103H, 4H, & 104H WELL LOCATIONS TO DUO SONIC "29" FEDERAL BATTERY

ENDURANCE RESOURCES, LLC  
CENTERLINE SURVEY OF A MULTI-USE R-O-W CROSSING  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
MARCH 15, 2016



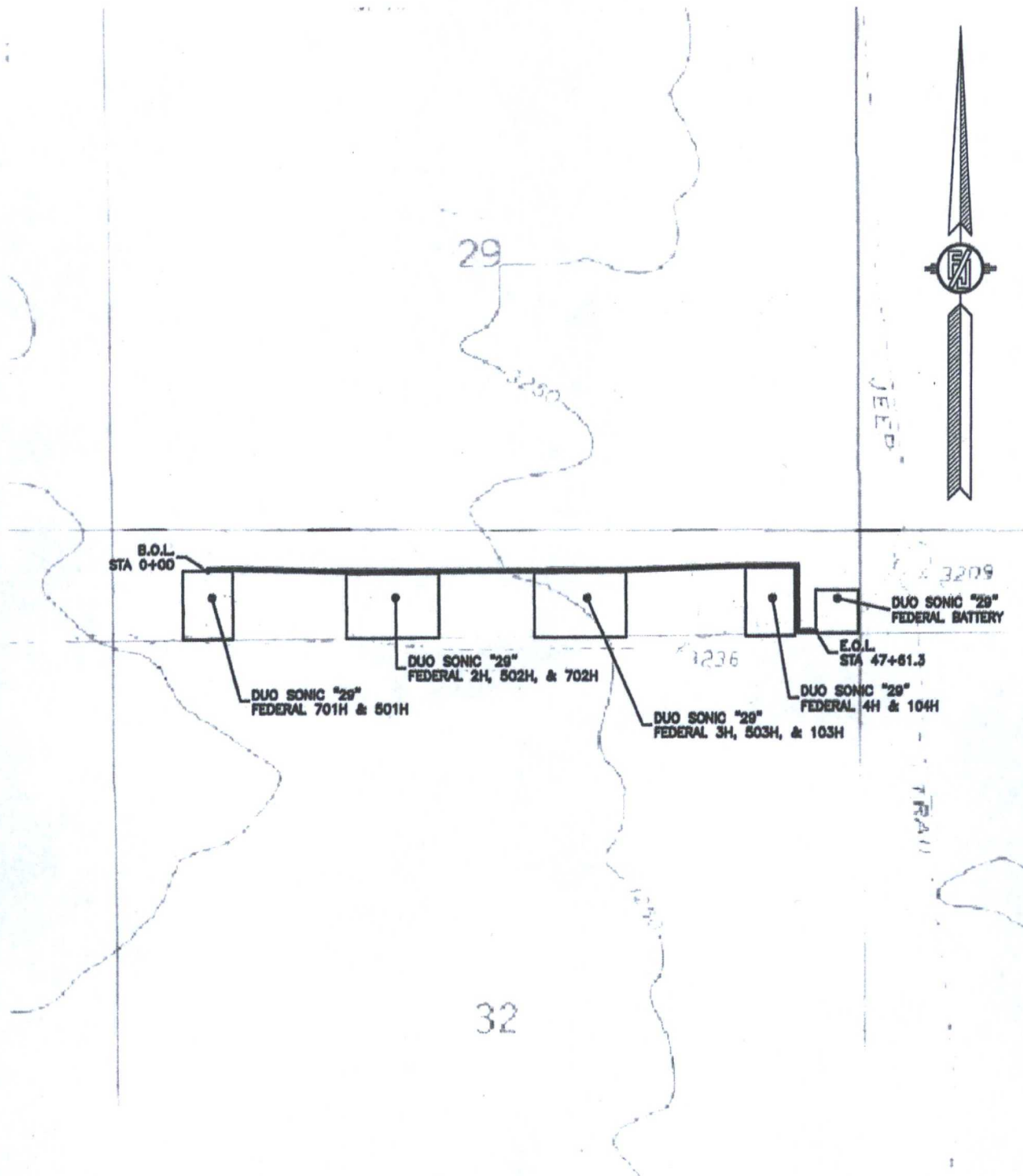
SHEET: 3-5

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

SURVEY NO. 3393A  
CARLSBAD, NEW MEXICO

MULTI-USE R-O-W TO CONNECT DUO SONIC "29" FEDERAL 701H, 501H, 2H, 502H, 702H, 3H, 503H, 103H, 4H, & 104H WELL LOCATIONS TO DUO SONIC "29" FEDERAL BATTERY

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CENTERLINE SURVEY OF A MULTI-USE R-O-W CROSSING  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
MARCH 15, 2016



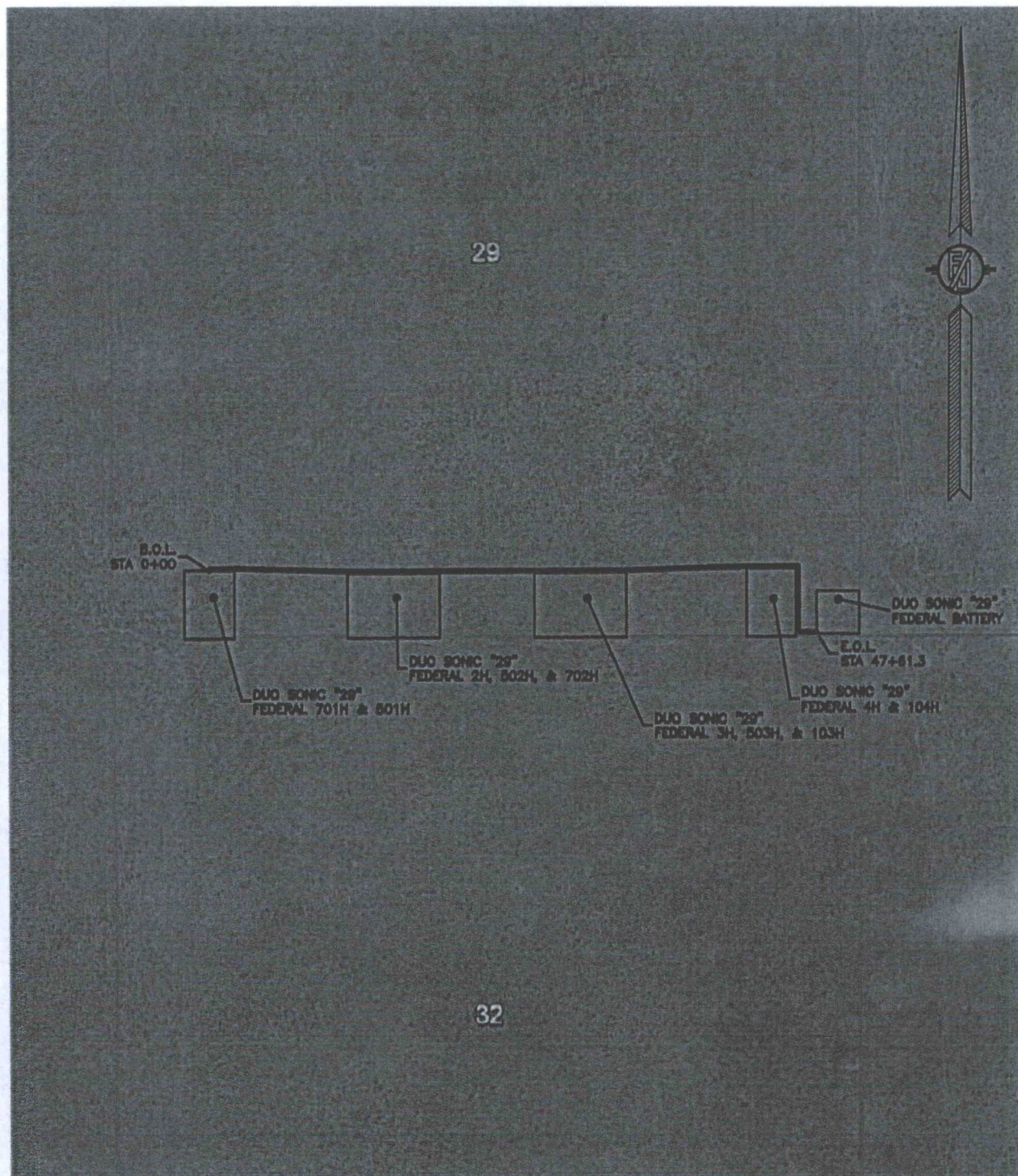
SHEET: 4-5

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

SURVEY NO. 3393A

MULTI-USE R-O-W TO CONNECT DUO SONIC "29" FEDERAL 701H, 501H, 2H, 502H, 702H, 3H, 503H,  
103H, 4H, & 104H WELL LOCATIONS TO DUO SONIC "29" FEDERAL BATTERY

ENDURANCE RESOURCES, LLC  
CENTERLINE SURVEY OF A MULTI-USE R-O-W CROSSING  
SECTION 29, TOWNSHIP 25 SOUTH, RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
MARCH 15, 2016

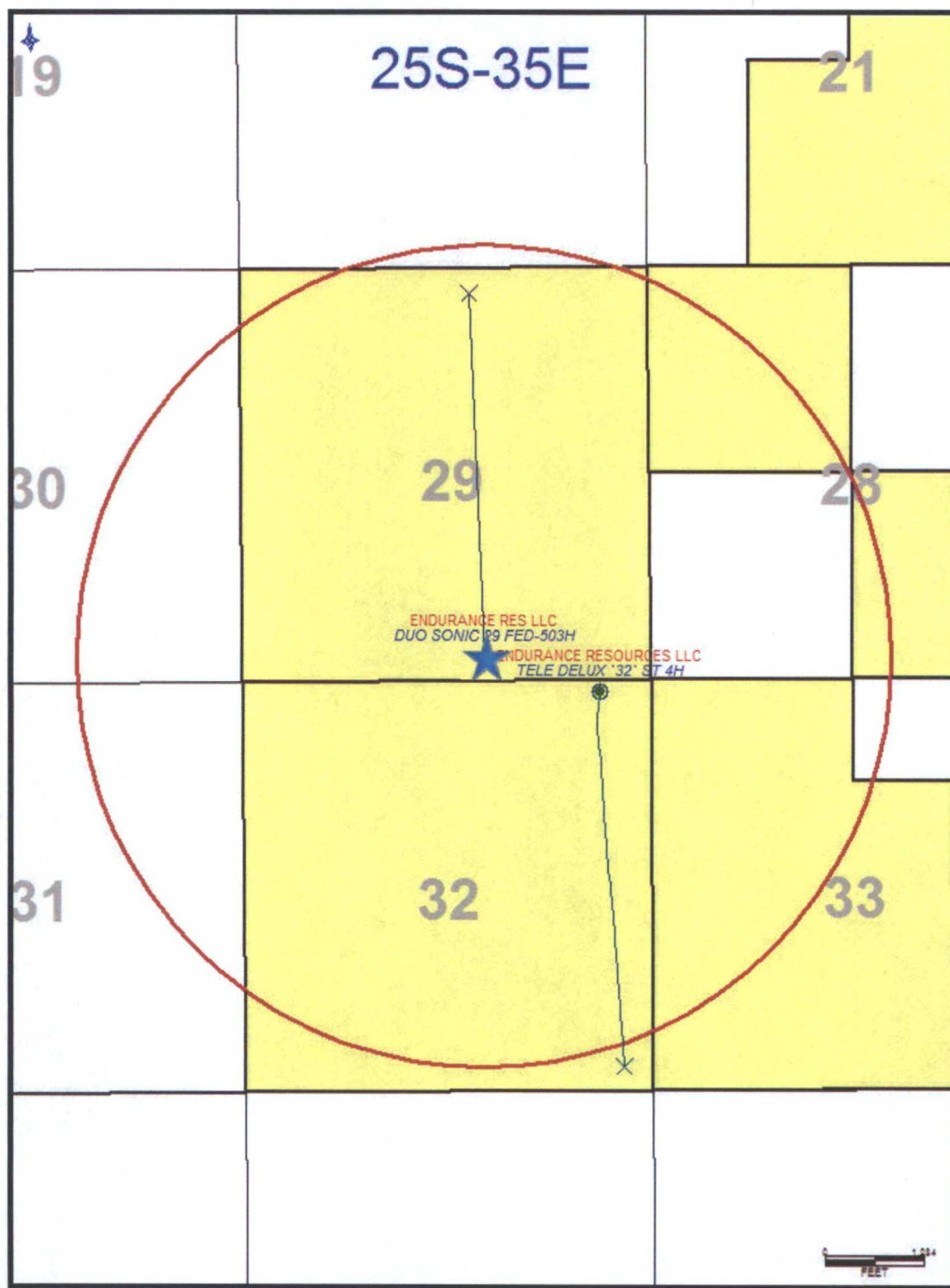


SHEET: 5-5

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

SURVEY NO. 3393A

Duo Sonic 29 Federal-503H  
1 Mile Radius Map



- ★ Surface Location
- 1 Mile Radius