

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-43301</b>	<sup>2</sup> Pool Code <b>97088</b>	<sup>3</sup> Pool Name <b>WC-025, G-08, S2535340, T3S</b>
<sup>4</sup> Property Code <b>316013</b>	<sup>5</sup> Property Name <b>DUO SONIC 29 FEDERAL</b>	
<sup>7</sup> OGRID No. <b>270329</b>	<sup>8</sup> Operator Name <b>ENDURANCE RESOURCES, LLC</b>	<sup>6</sup> Well Number <b>502H</b>
		<sup>9</sup> Elevation <b>3264.1</b>

<sup>10</sup> Surface Location

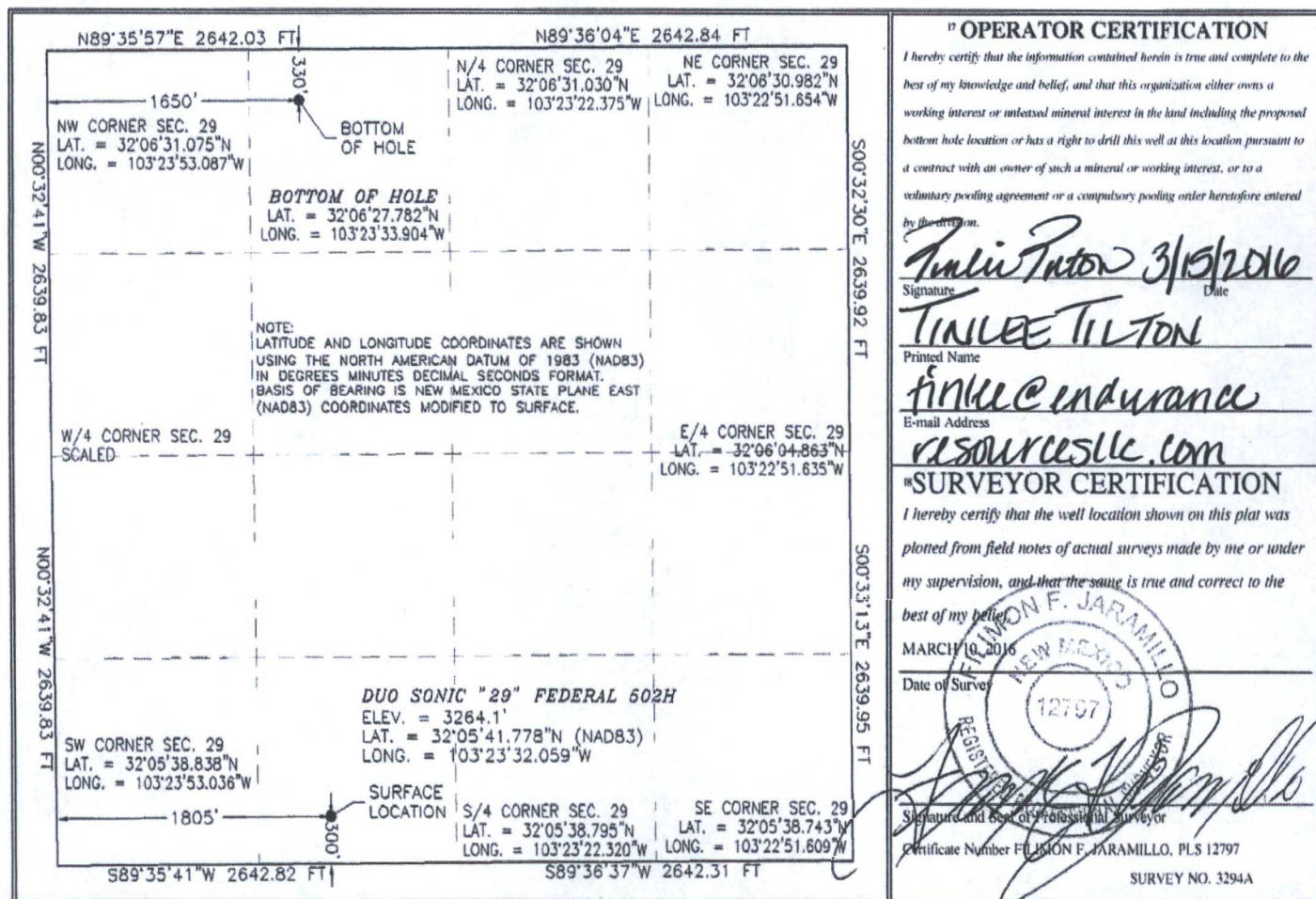
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	29	25 S	35 E		300	SOUTH	1805	WEST	LEA

<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
C	29	25 S	35 E		330	NORTH	1650	WEST	LEA

<sup>12</sup> Dedicated Acres <b>11.60</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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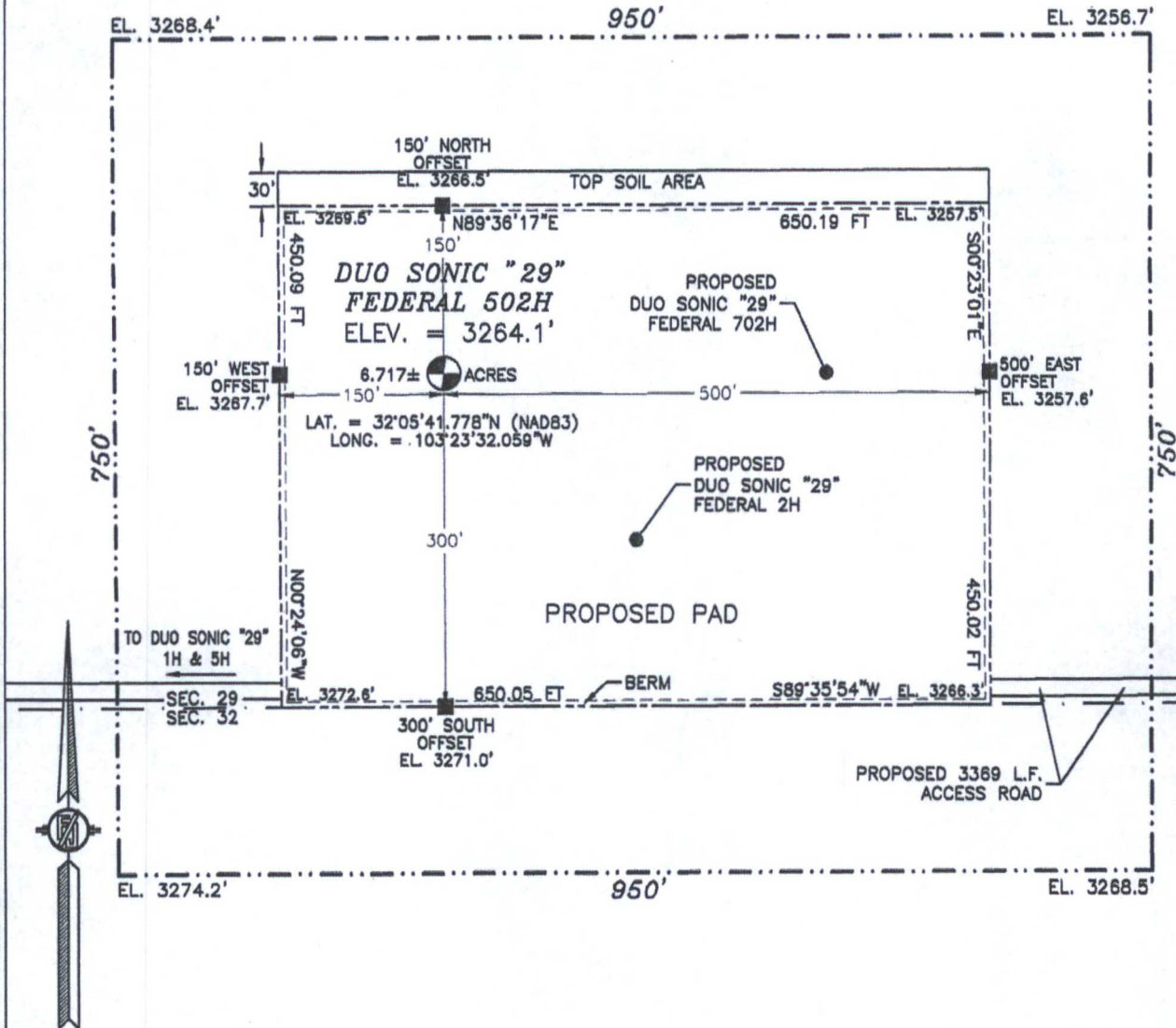
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





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.



010 50 100 200

SCALE 1" = 100'

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 3369' TO THE PROPOSED SOUTHEAST PAD CORNER FOR THIS LOCATION.

ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 502H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 1805 FT. FROM THE WEST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

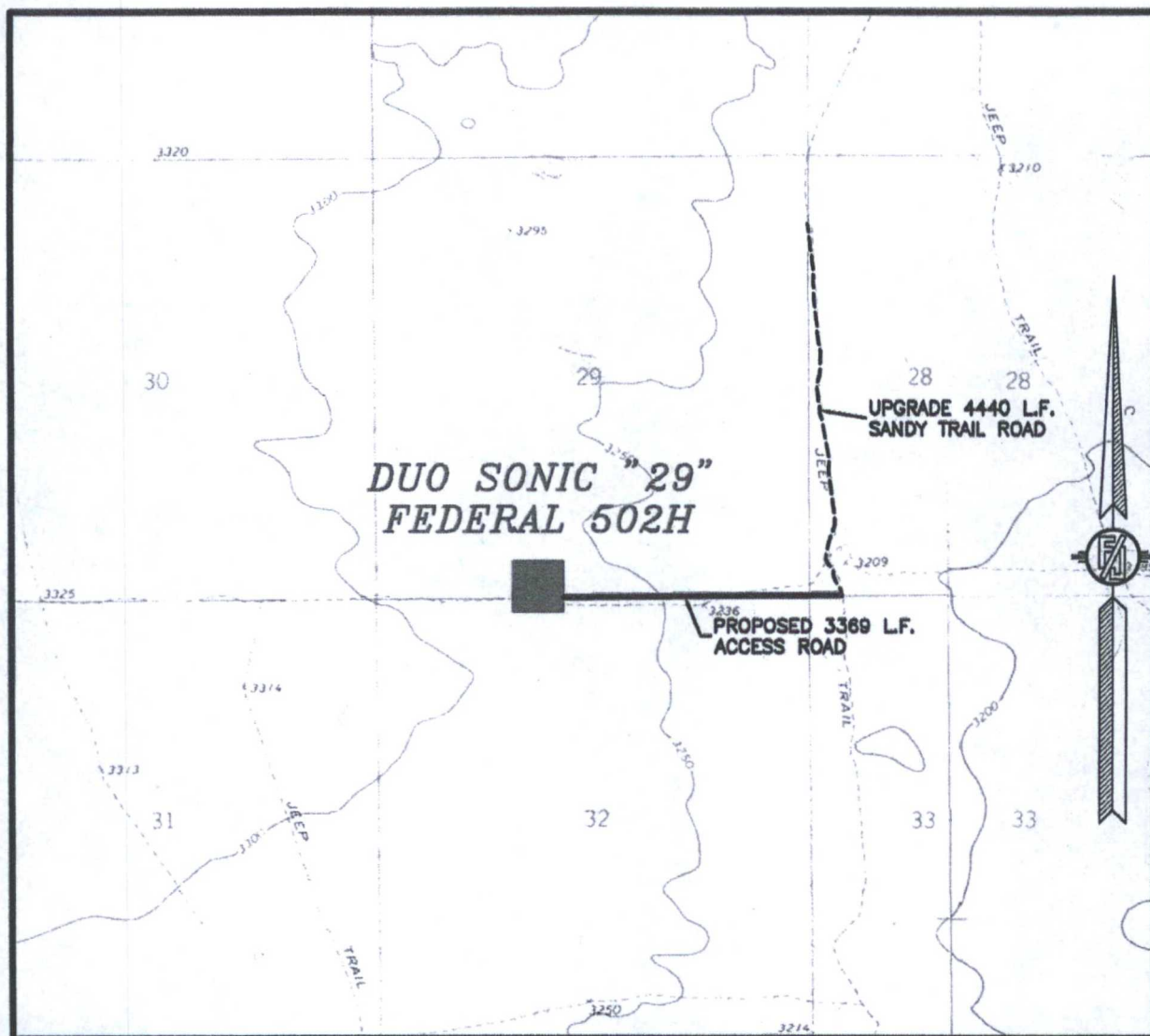
MARCH 10, 2016

SURVEY NO. 3294A

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 502H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 1805 FT. FROM THE WEST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

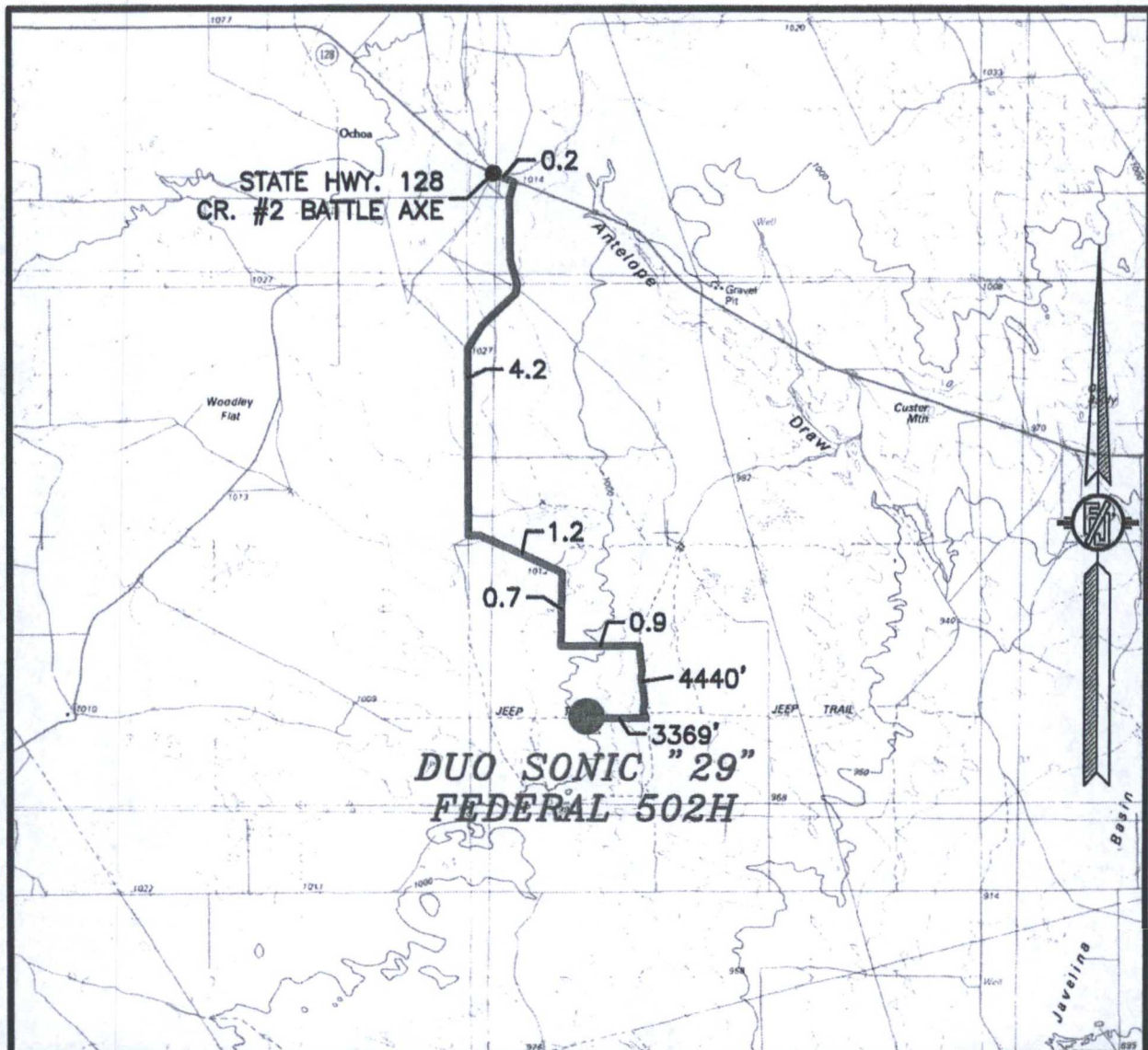
MARCH 10, 2016

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

SURVEY NO. 3294A



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 3369' TO THE PROPOSED SOUTHEAST PAD CORNER FOR THIS LOCATION.

ENDURANCE RESOURCES, LLC  
**DUO SONIC "29" FEDERAL 502H**  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 1805 FT. FROM THE WEST 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 SURVEY NO. 3294A CARLSBAD, NEW MEXICO



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  
APR. 2013

ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 502H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 1805 FT. FROM THE WEST LINE OF  
SECTION 29, TOWNSHIP 25 SOUTH,  
RANGE 35 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

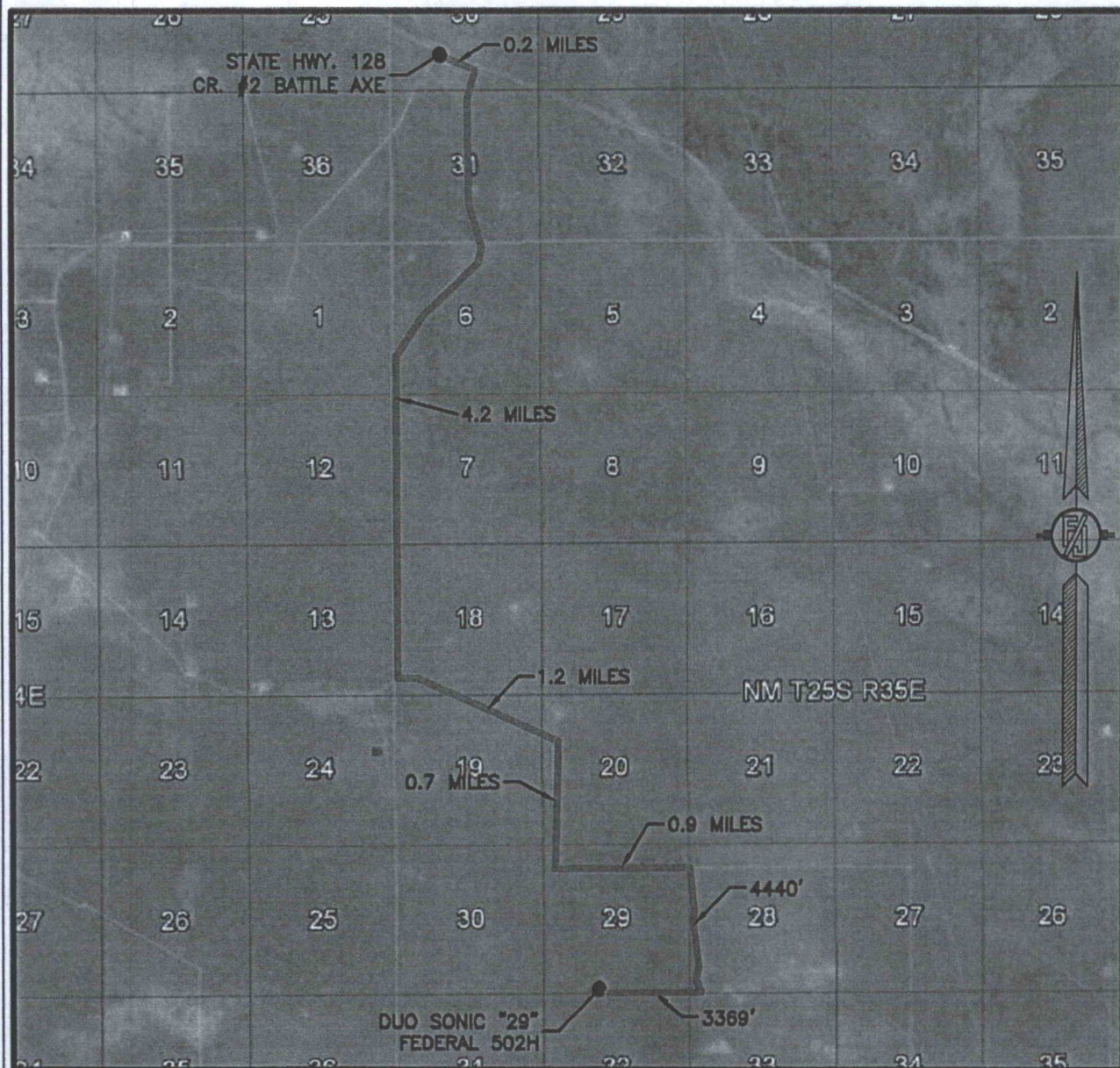
MARCH 10, 2016

SURVEY NO. 3294A

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  
AERIAL ACCESS ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
APR. 2013

ENDURANCE RESOURCES, LLC  
DUO SONIC "29" FEDERAL 502H  
LOCATED 300 FT. FROM THE SOUTH LINE  
AND 1805 FT. FROM THE WEST 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. 3294A

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



SEPTEMBER 30, 2014



### GENERAL NOTES

- SHEET: 1-3**

CARLSBAD, NEW MEXICO

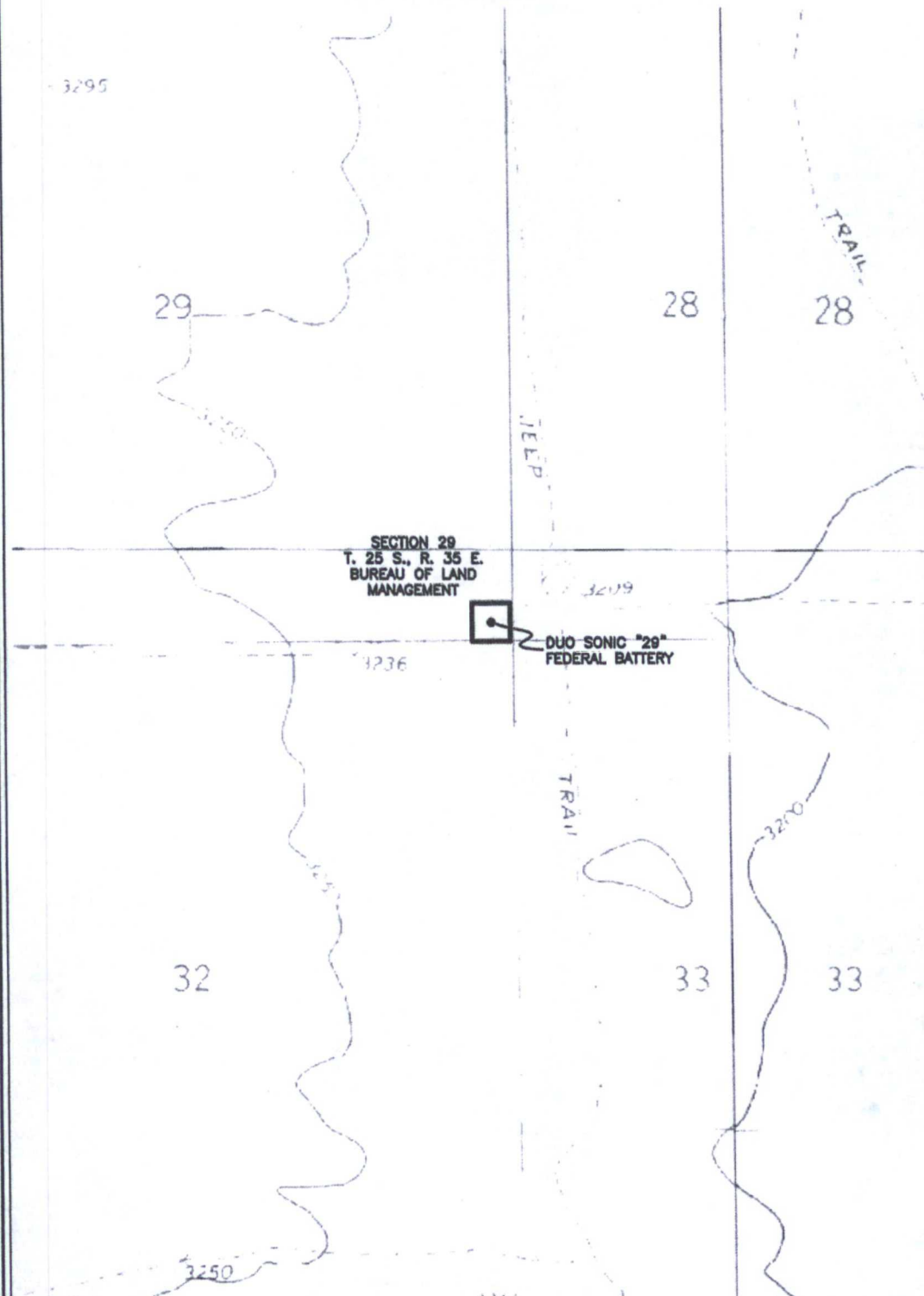
DUO SONIC "29" FEDERAL BATTERY

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

SECTION 29  
T. 25 S., R. 35 E.  
BUREAU OF LAND  
MANAGEMENT



DUO SONIC "29"  
FEDERAL BATTERY

SHEET: 3-3

MADRON SURVEYING, INC.

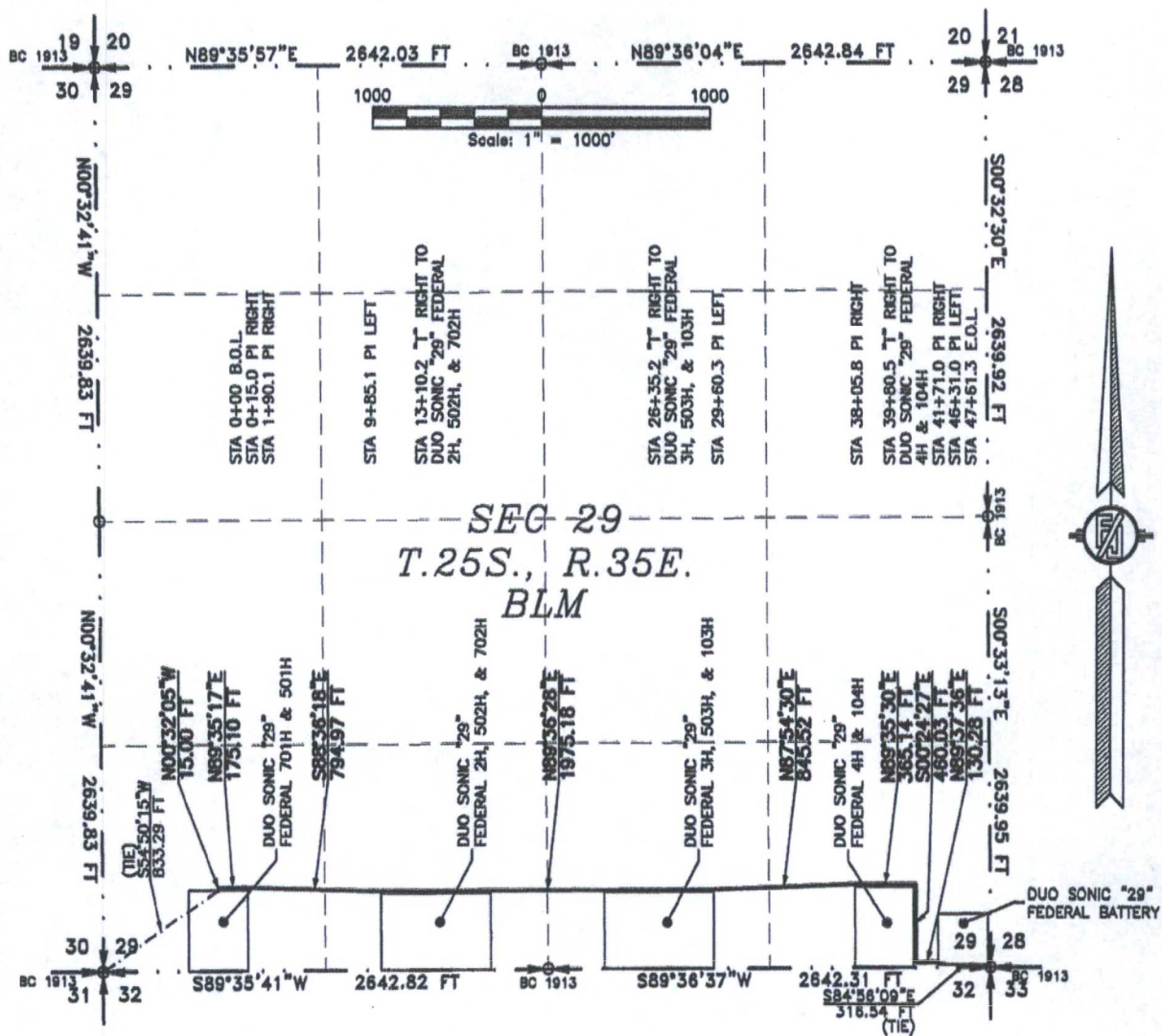
301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SURVEY NO. 3392



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



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

**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, 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 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

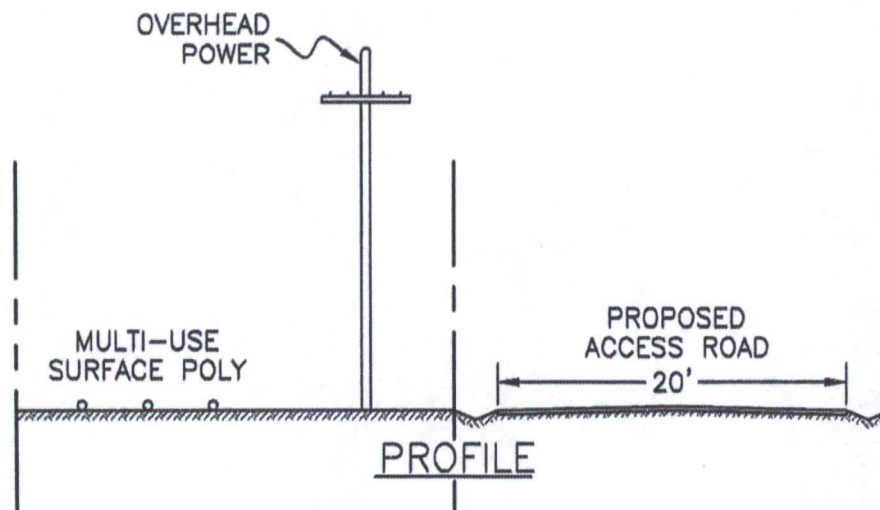
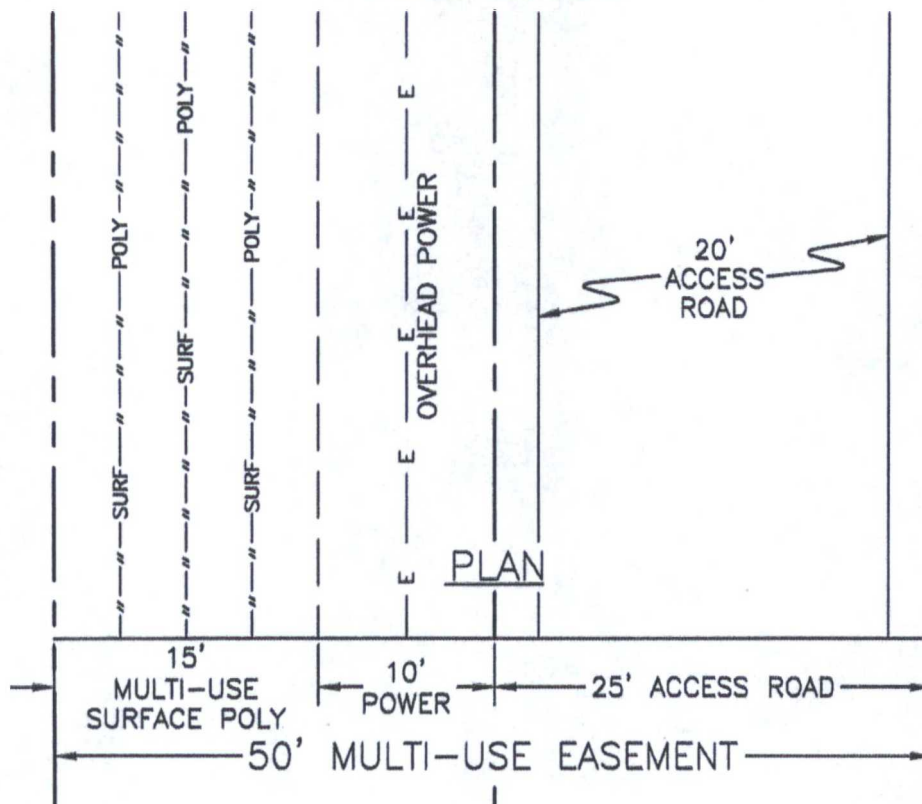
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

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

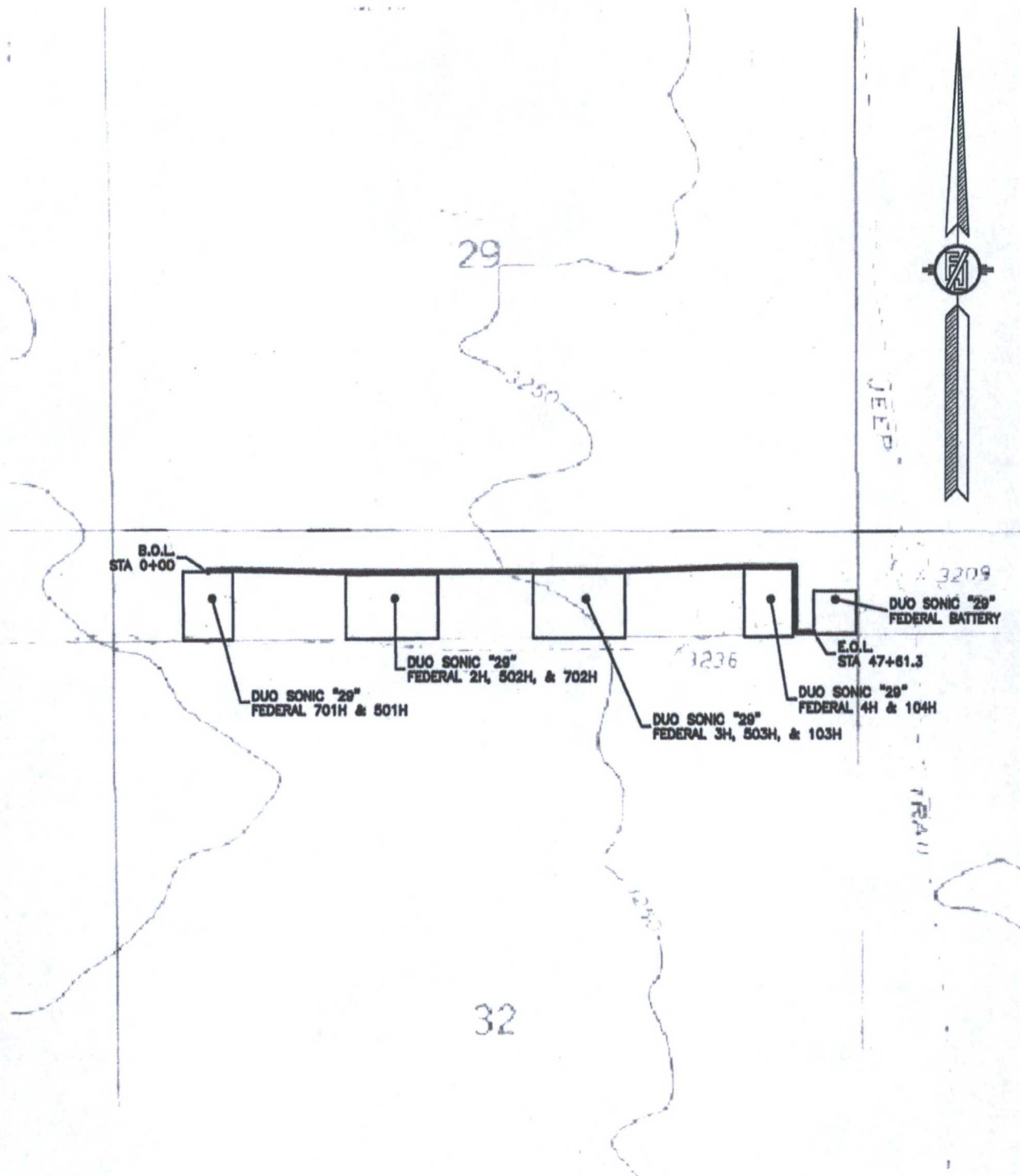
SURVEY NO. 3393A

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

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: 4-5

MADRON SURVEYING, INC. 301 SOUTH CANAL (975) 234-3341

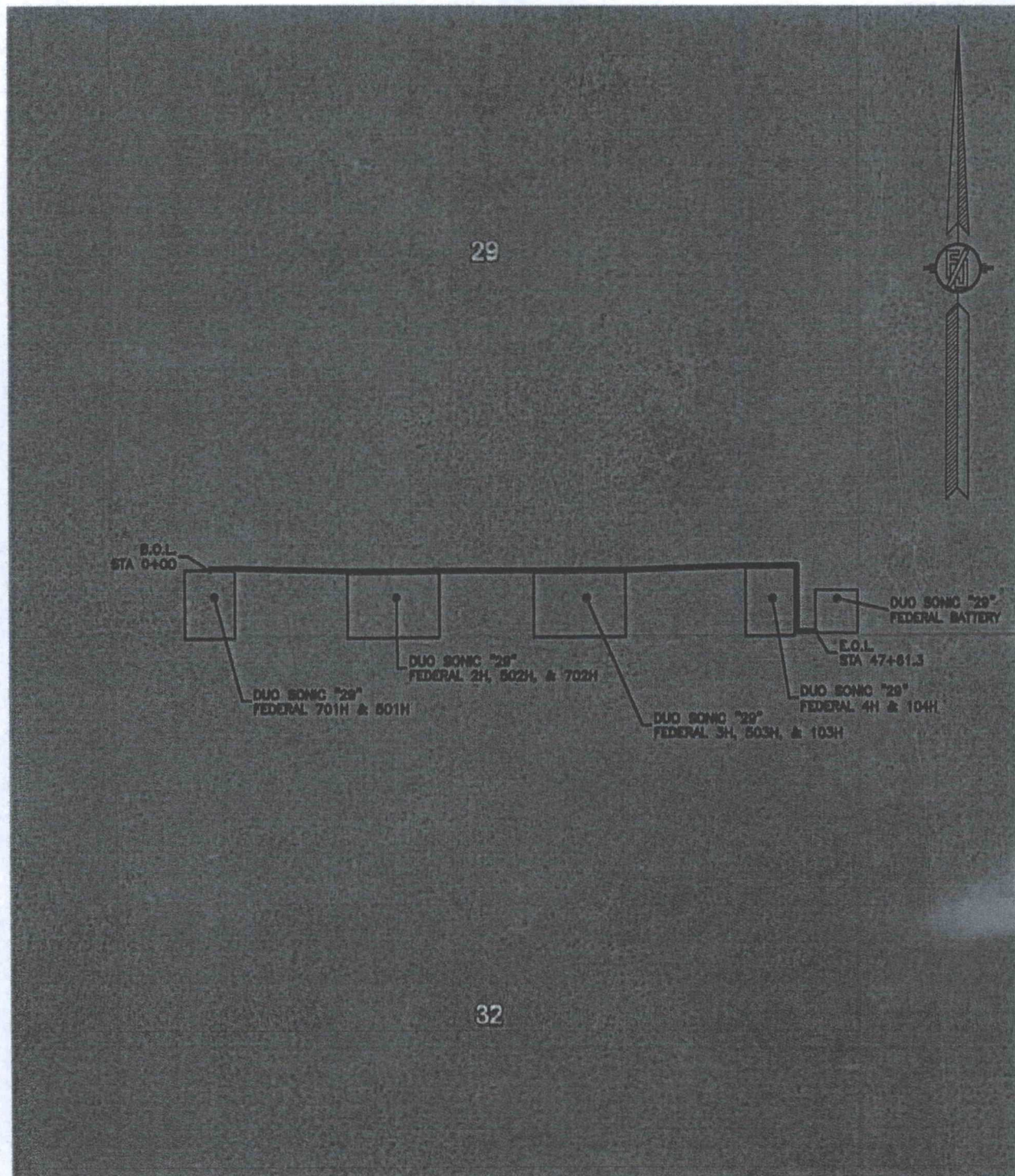
SURVEY NO. 3393A

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

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 502H 1 Mile Radius Map

