

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
311 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  
**HOBBS OGD**  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
APR 11 2014  
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

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-41795</b>		<sup>2</sup> Pool Code 59900	<sup>3</sup> Pool Name TRIPLE X; BONE SPRING
<sup>4</sup> Property Code 30884	<sup>5</sup> Property Name THISTLE UNIT		<sup>6</sup> Well Number 54H
<sup>7</sup> OGRID No. 6137	<sup>8</sup> Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.		<sup>9</sup> Elevation 3700.8

<sup>10</sup> Surface Location

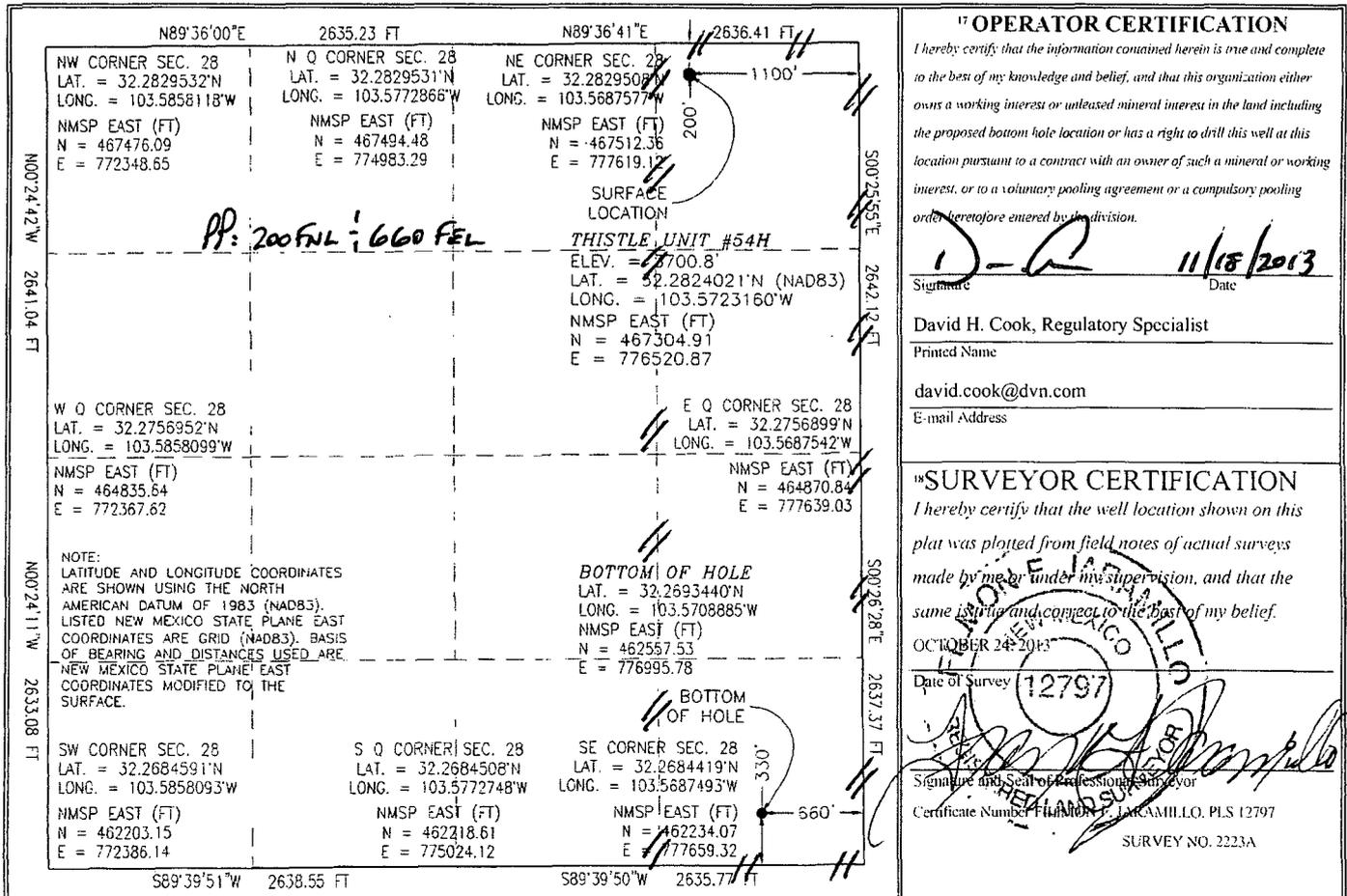
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	28	23 S	33 E		200	NORTH	1100	EAST	LEA

<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
P	28	23 S	33 E		330	SOUTH	660	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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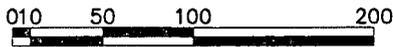
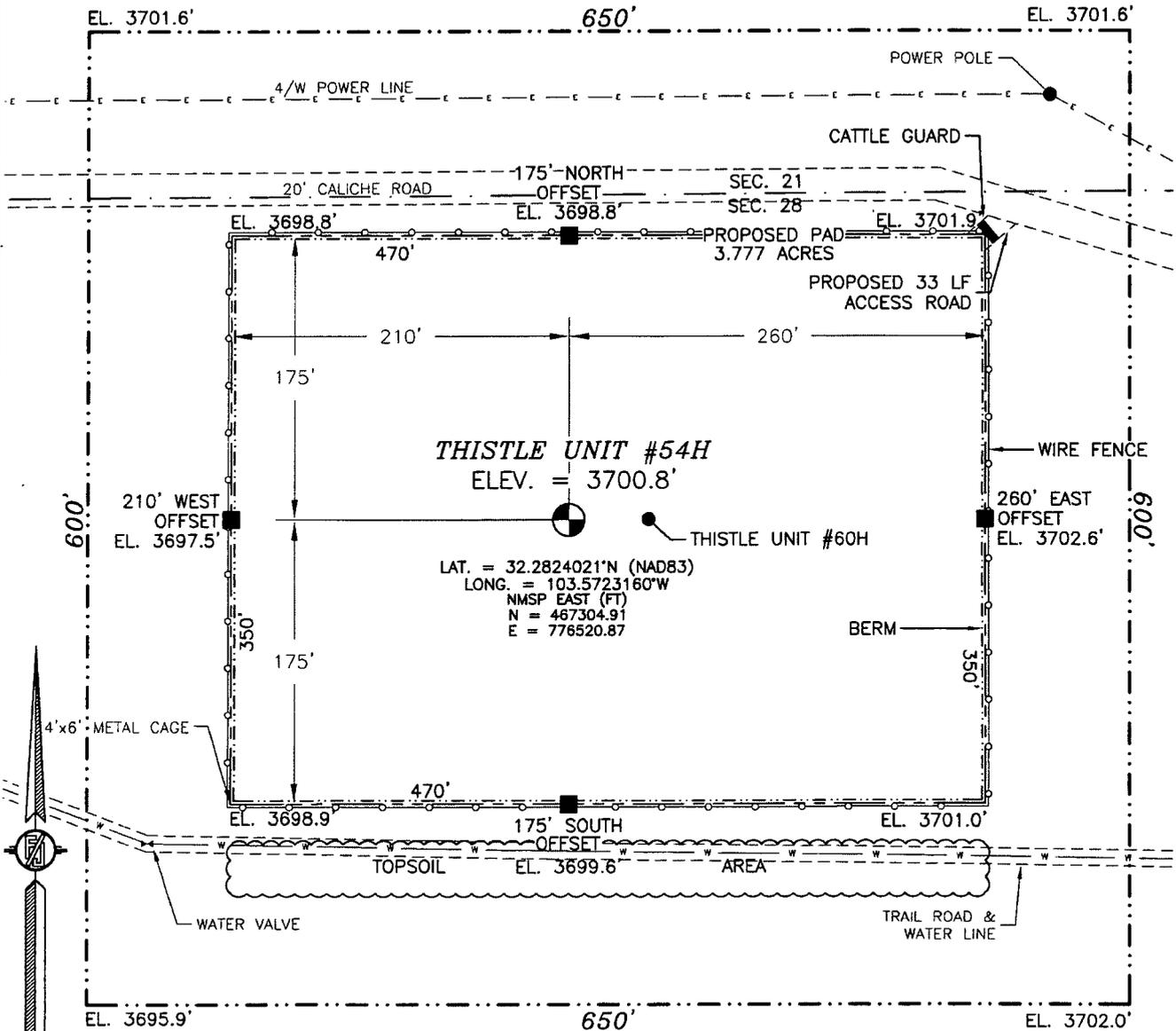
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



APR 21 2014

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 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). 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



**DIRECTIONS TO LOCATION**

FROM STATE HIGHWAY 128 AND BRININSTOOL ROAD (CALICHE) GO NORTH ON BRININSTOOL ROAD 4.0 MILES, TURN RIGHT ON CALICHE ROAD (XL ROAD) AND GO EAST 0.5 MILES, TURN LEFT AND GO NORTH 0.8 MILES, BEND LEFT AND GO NORTHWEST 0.2 MILES, TURN LEFT AND GO WEST 200' AND LOCATION IS ON THE LEFT 200'.

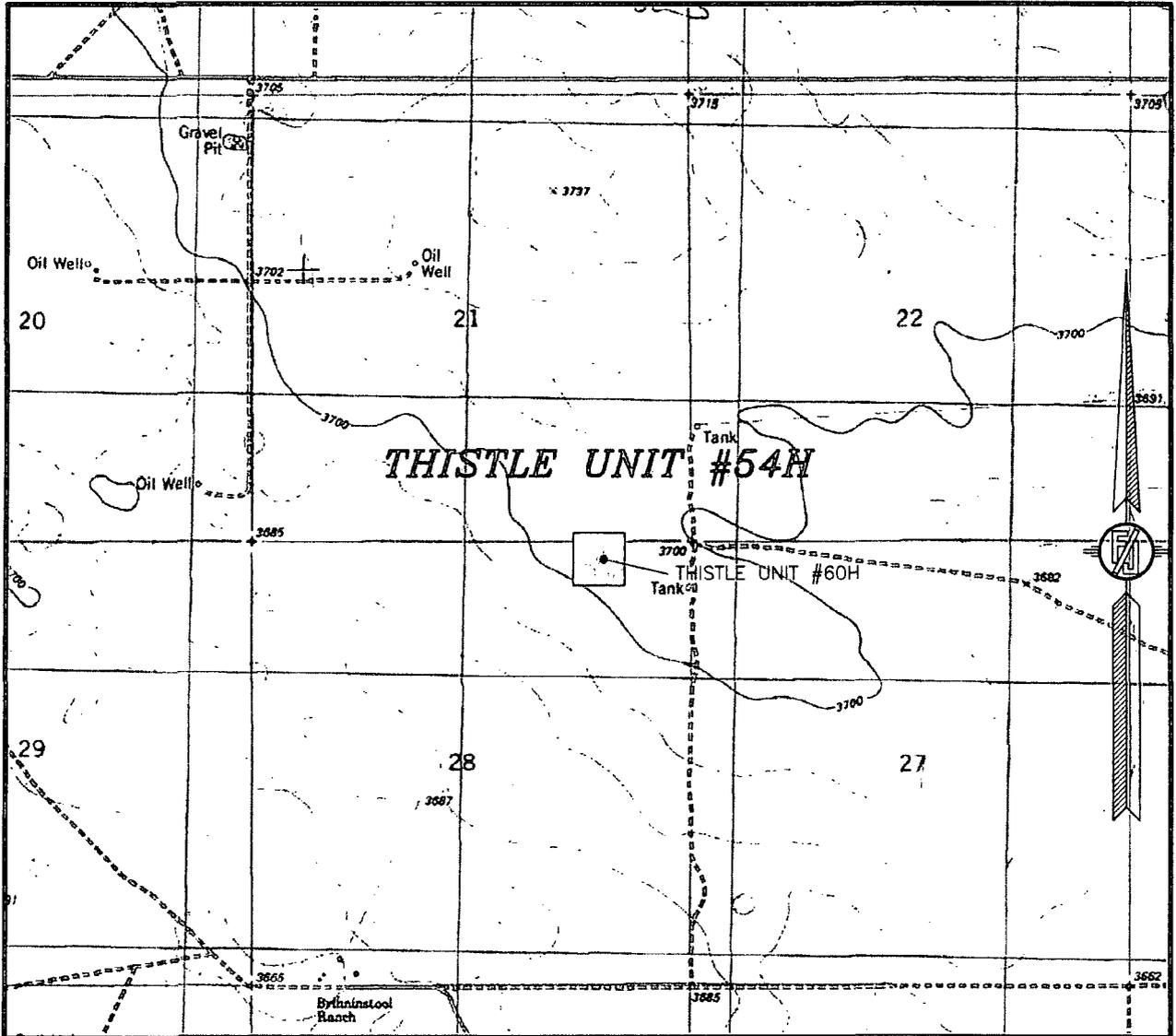
DEVON ENERGY PRODUCTION COMPANY, L.P.  
**THISTLE UNIT #54H**  
 LOCATED 200 FT. FROM THE NORTH LINE  
 AND 1100 FT. FROM THE EAST LINE OF  
 SECTION 28, TOWNSHIP 23 SOUTH,  
 RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 24, 2013

SURVEY NO. 2223A

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

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 LOCATION VERIFICATION MAP



USGS QUAD MAP:  
 TIP TOP WELLS

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.

**THISTLE UNIT #54H**

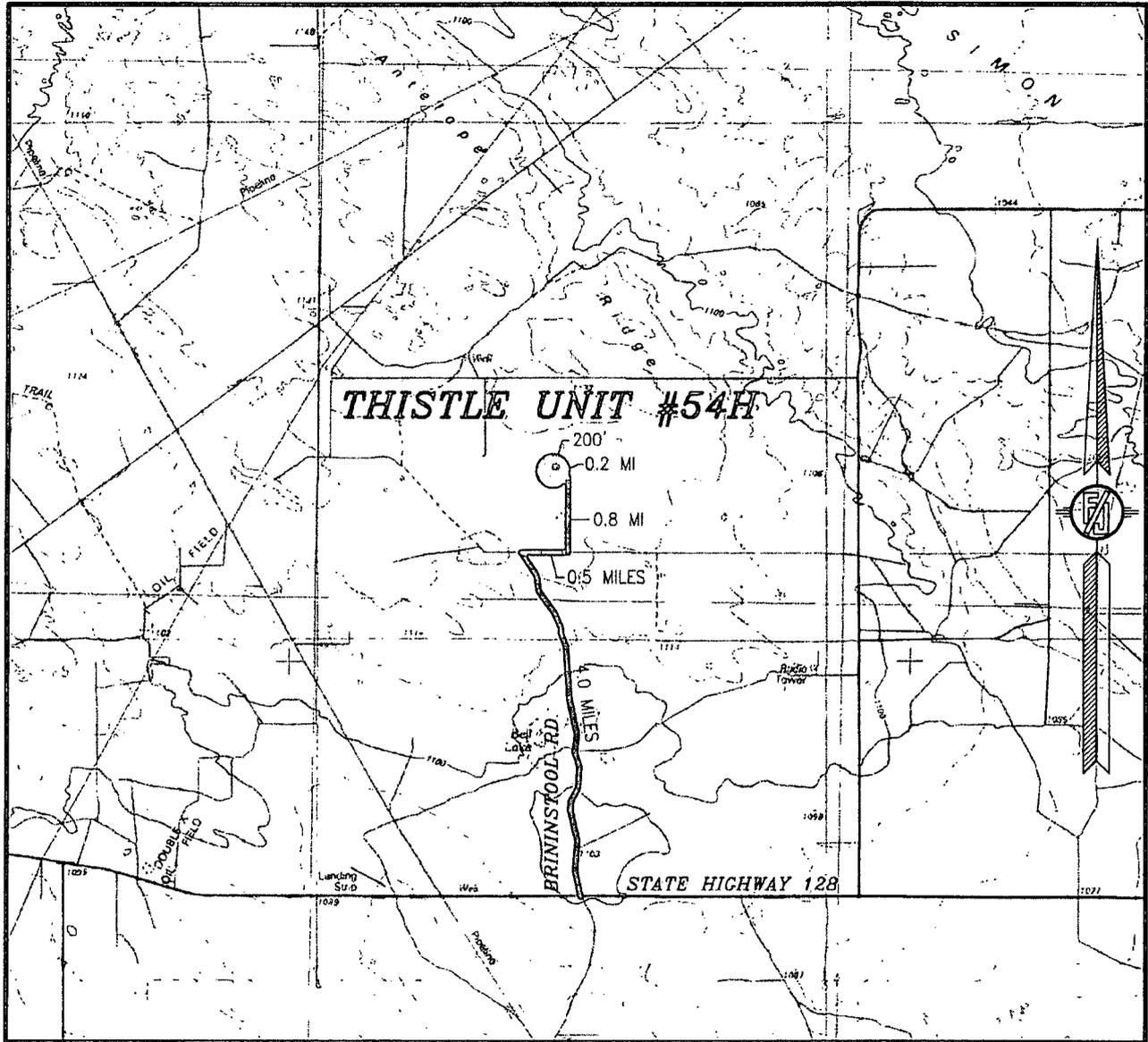
LOCATED 200 FT. FROM THE NORTH LINE  
 AND 1100 FT. FROM THE EAST LINE OF  
 SECTION 28, TOWNSHIP 23 SOUTH,  
 RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 24, 2013

SURVEY NO. 2223A

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

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 VICINITY MAP



NOT TO SCALE

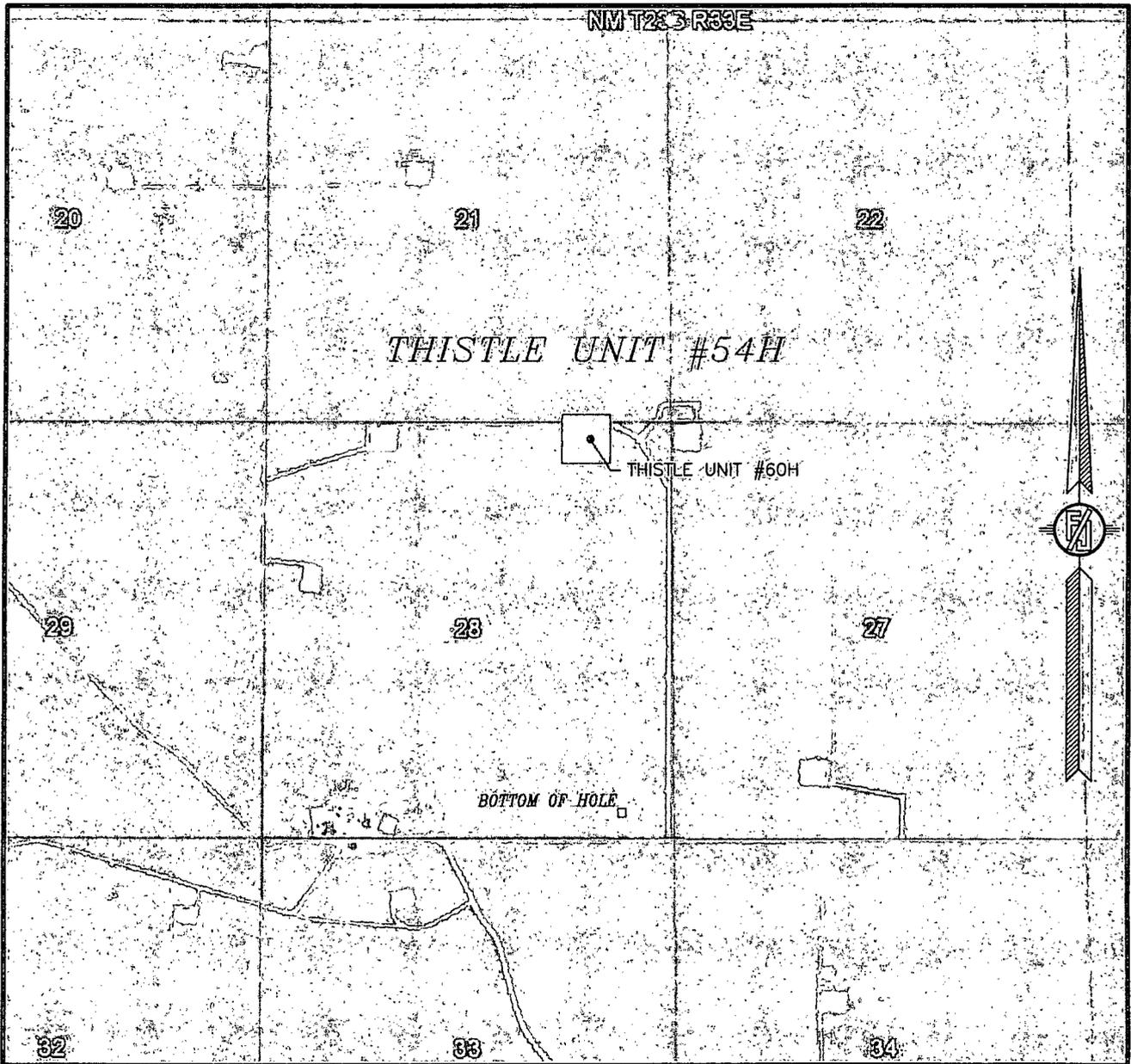
DEVON ENERGY PRODUCTION COMPANY, L.P.  
**THISTLE UNIT #54H**  
 LOCATED 200 FT. FROM THE NORTH LINE  
 AND 1100 FT. FROM THE EAST LINE OF  
 SECTION 28, TOWNSHIP 23 SOUTH,  
 RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

**DIRECTIONS TO LOCATION**  
 FROM STATE HIGHWAY 128 AND BRININSTOOL ROAD (CALICHE) GO  
 NORTH ON BRININSTOOL ROAD 4.0 MILES, TURN RIGHT ON CALICHE  
 ROAD (XL ROAD) AND GO EAST 0.5 MILES, TURN LEFT AND GO  
 NORTH 0.8 MILES, BEND LEFT AND GO NORTHWEST 0.2 MILES, TURN  
 LEFT AND GO WEST 200' AND LOCATION IS ON THE LEFT 200'.

OCTOBER 24, 2013

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO SURVEY NO. 2223A

SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
MARCH 2012

DEVON ENERGY PRODUCTION COMPANY, L.P.  
**THISTLE UNIT #54H**  
LOCATED 200 FT. FROM THE NORTH LINE  
AND 1100 FT. FROM THE EAST LINE OF  
SECTION 28, TOWNSHIP 23 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

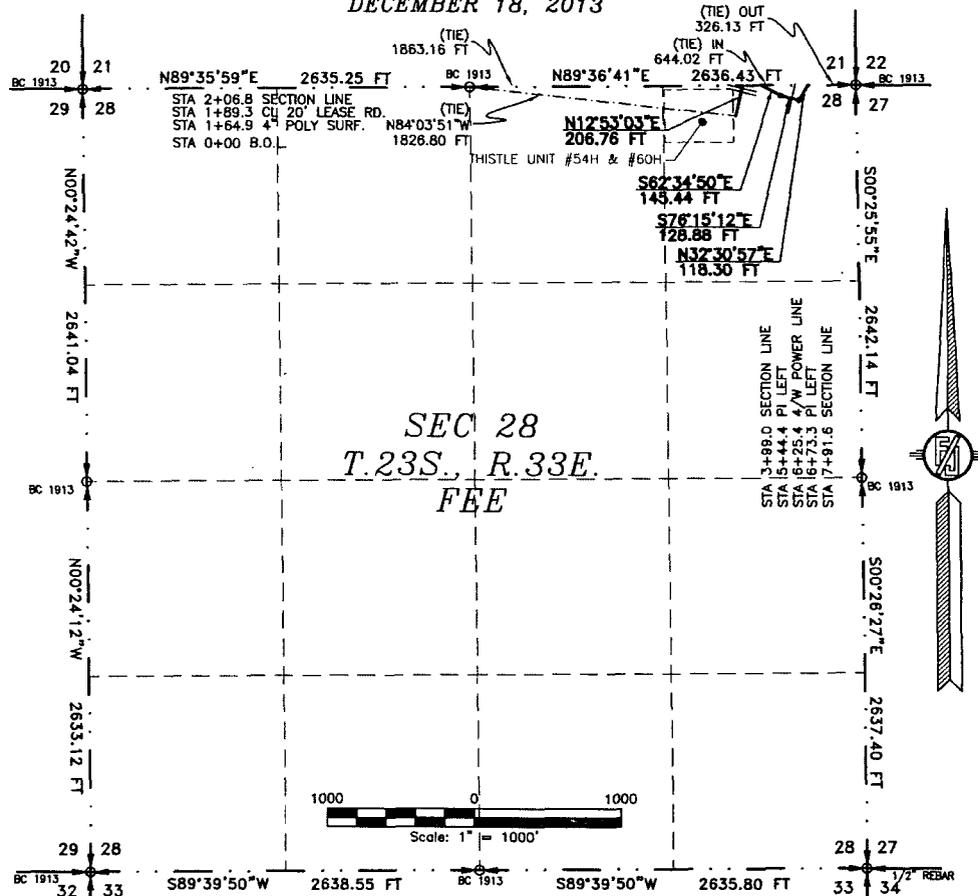
OCTOBER 24, 2013

SURVEY NO. 2223A

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

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #54H & #60H TO THE THISTLE CENTRAL BATTERY

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF A PIPELINE CROSSING  
 SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 DECEMBER 18, 2013



DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING FEE LAND IN SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

FROM B.O.L. TO SEC. 21

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N84°03'51\"W, A DISTANCE OF 1826.80 FEET;

THENCE N12°53'03\"E A DISTANCE OF 206.76 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S89°36'41\"W, A DISTANCE OF 1863.16 FEET;

SAID STRIP OF LAND BEING 206.76 FEET OR 12.53 RODS IN LENGTH, CONTAINING 0.142 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 206.76 LF. 12.53 RODS 0.142 ACRES

FROM SEC. 21 TO SEC. 21

BEGINNING AT A POINT WITHIN THE NE/4 NE/4 OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89°36'41\"E, A DISTANCE OF 644.02 FEET;

THENCE S62°34'50\"E A DISTANCE OF 145.44 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S76°15'12\"E A DISTANCE OF 128.88 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N32°30'57\"E A DISTANCE OF 118.30 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 28, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89°36'41\"E, A DISTANCE OF 326.13 FEET;

SAID STRIP OF LAND BEING 392.62 FEET OR 23.80 RODS IN LENGTH, CONTAINING 0.270 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 392.62 LF. 23.80 RODS 0.270 ACRES

SURVEYOR CERTIFICATE

I, FILMON F. JARAMILLO, 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 31 DAY OF DECEMBER 2013

*Filmon F. Jaramillo*  
 FILMON F. JARAMILLO, PLS. 12797

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

SURVEY NO. 2546

GENERAL NOTES

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

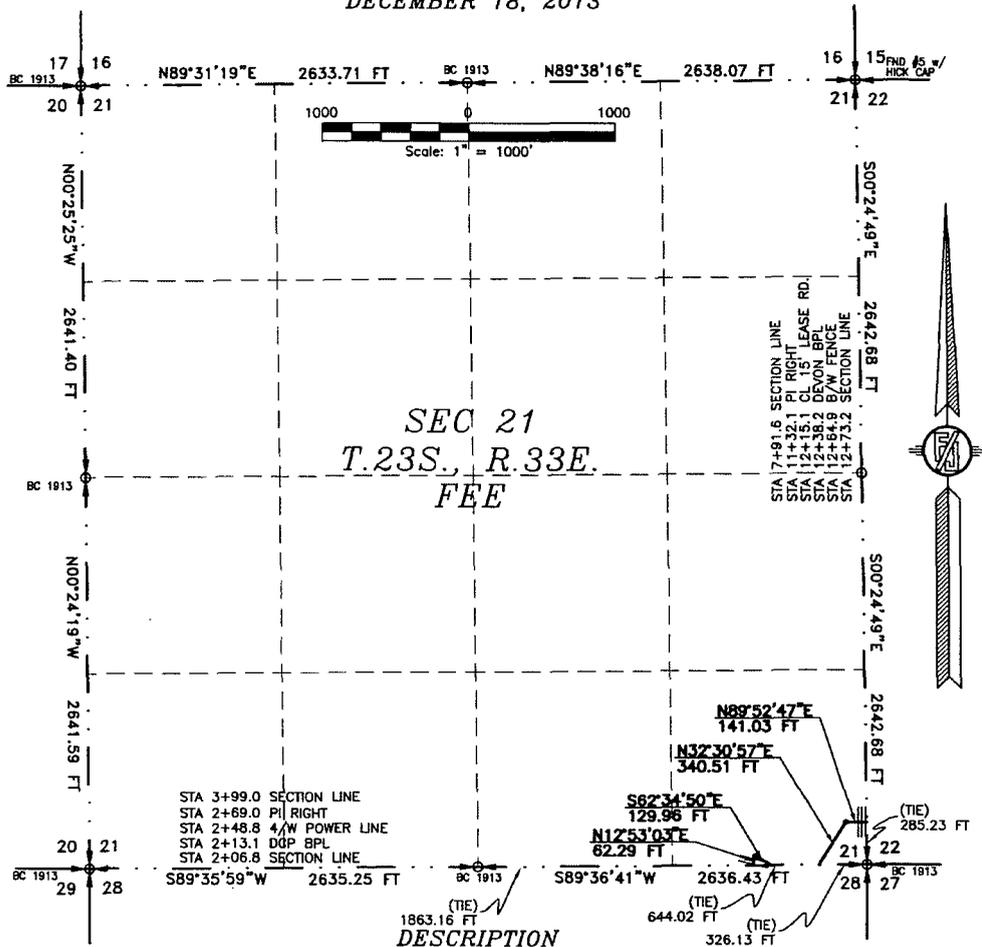
2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 1-5

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

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #54H & #60H TO THE THISTLE CENTRAL BATTERY

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF A PIPELINE CROSSING  
 SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 DECEMBER 18, 2013



A STRIP OF LAND 30 FEET WIDE CROSSING FEE LAND IN SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**FROM SEC. 28 TO SEC. 28**

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTH QUARTER CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S89°36'41"W, A DISTANCE OF 1863.16 FEET;

THENCE N12°53'03"E A DISTANCE OF 62.29 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S62°34'50"E A DISTANCE OF 129.96 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89°36'41"E, A DISTANCE OF 644.02 FEET;

SAID STRIP OF LAND BEING 192.25 FEET OR 11.65 RODS IN LENGTH, CONTAINING 0.132 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 192.25 L.F. 11.65 RODS 0.132 ACRES

**FROM SEC. 28 TO SEC. 22**

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N89°36'41"E, A DISTANCE OF 326.13 FEET;

THENCE N32°30'57"E A DISTANCE OF 340.51 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N89°52'47"E A DISTANCE OF 141.03 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 21, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S00°24'49"E, A DISTANCE OF 285.23 FEET;

SAID STRIP OF LAND BEING 481.54 FEET OR 29.18 RODS IN LENGTH, CONTAINING 0.332 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 481.54 L.F. 29.18 RODS 0.332 ACRES

**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 18 DAY OF DECEMBER 2013

*Filmon F. Jaramillo*  
 FILMON F. JARAMILLO PLS. 12797

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

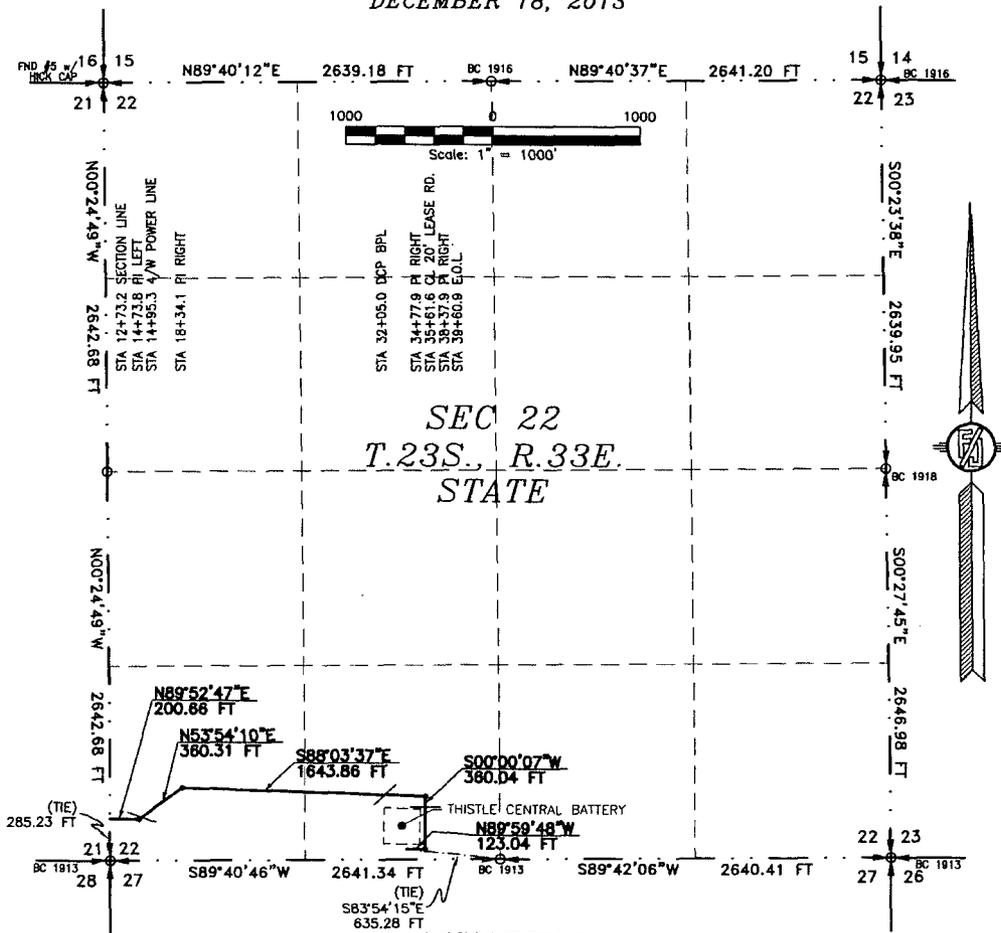
SURVEY NO. 2546

SHEET: 2-5

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

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #54H & #60H TO THE THISTLE CENTRAL BATTERY

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF A PIPELINE CROSSING  
 SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 DECEMBER 18, 2013



**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., LEA 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 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE SOUTHWEST CORNER OF SAID SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S00°24'49"E, A DISTANCE OF 285.23 FEET;  
 THENCE N89°52'47"E A DISTANCE OF 200.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N53°54'10"E A DISTANCE OF 360.31 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S88°03'37"E A DISTANCE OF 1643.86 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S00°00'07"W A DISTANCE OF 360.04 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N89°59'48"W A DISTANCE OF 123.04 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTH QUARTER CORNER OF SAID SECTION 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS S83°54'15"E, A DISTANCE OF 635.28 FEET;

SAID STRIP OF LAND BEING 2687.91 FEET OR 162.91 RODS IN LENGTH, CONTAINING 1.852 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4	1388.91 L.F.	84.18 RODS	0.957 ACRES
SE/4 SW/4	1299.00 L.F.	78.73 RODS	0.895 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 18<sup>TH</sup> DAY OF DECEMBER 2013

**GENERAL NOTES**

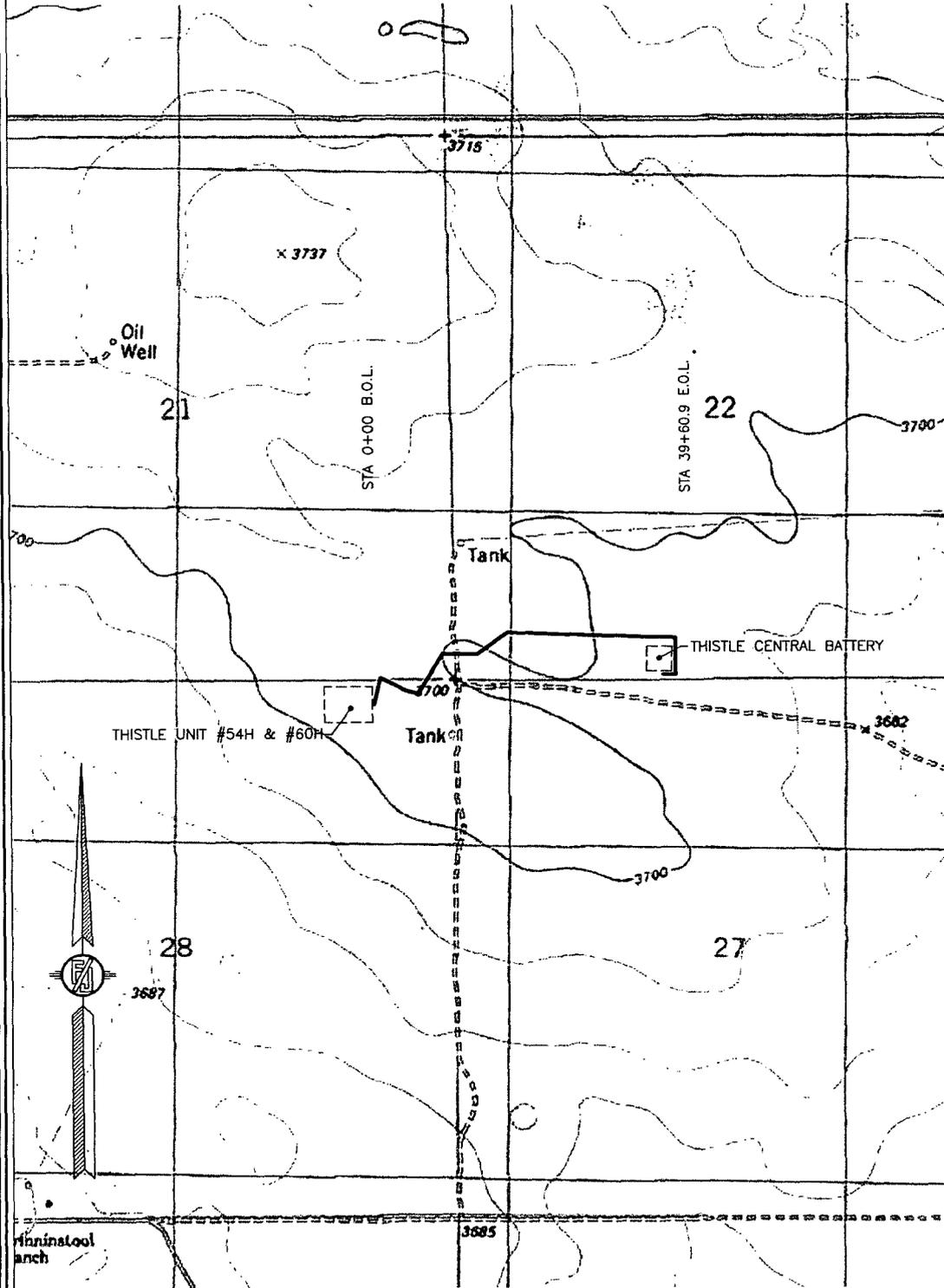
- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

FILMON F. JARAMILLO, P.L.S. 12797  
 (Signature)

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

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #54H & #60H TO THE THISTLE CENTRAL BATTERY

DEVON ENERGY PRODUCTION COMPANY, L.P.  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 28, 21, 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
DECEMBER 18, 2013



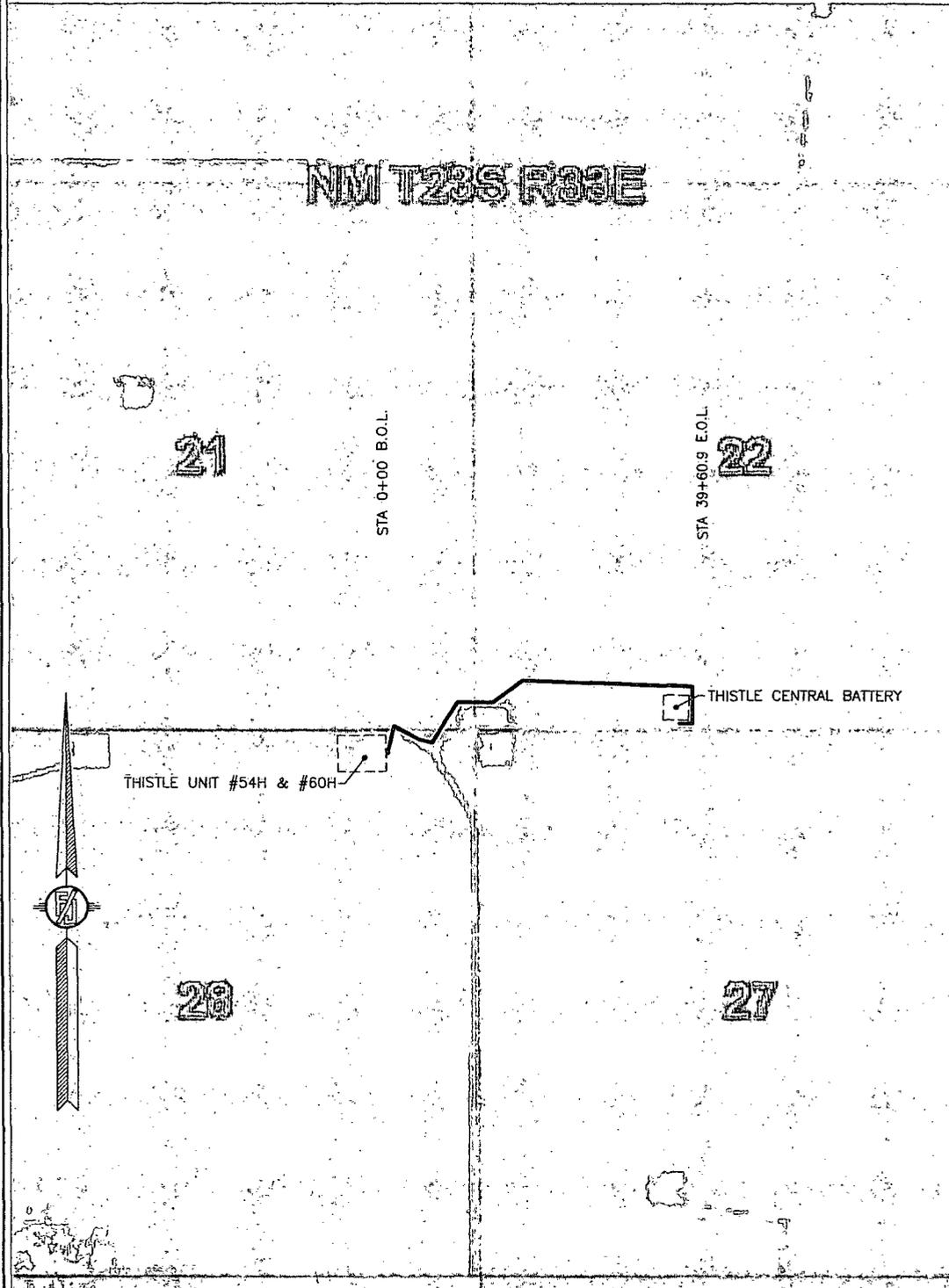
SHEET: 4-5

SURVEY NO. 2546

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(973) 234-3341

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #54H & #60H TO THE THISTLE CENTRAL BATTERY

DEVON ENERGY PRODUCTION COMPANY, L.P.  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 28, 21, 22, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
DECEMBER 18, 2013



SHEET: 5-5

SURVEY NO. 2546

MADRON SURVEYING, INC. 501 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

Thistle Unit 54H, 60H to Thistle Unit Central Battery Proposed flowline

Thistle Unit Central Battery Pad

Thistle Unit 55H & 61H

Newly Drilled Thistle Unit 56H, 57H, 58H

Thistle Unit 54H & 60H



Flowline will follow within road ROW, but 10' off of existing roads  
The 4.5" buried flowline will be operated at a pressure of 750 psi with a burst pressure of 1800# psi.

This map is for illustrative purposes only and is neither a legally recorded map nor a survey and is not intended to be used as one. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

**Legend**

Sections

**Proposed\_lines**

**TYPE**

FLOW LINE

Estimated distances to nearest wellbores:

- \*From SHL: Thistle Unit 20H 1285 ft E
- \*From BHL: Thistle Unit 65H 645 ft S

