

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 293-6161 Fax: (575) 293-0720
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) 334-6178
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

¹ API Number 30-025-41794	² Pool Code 59900	³ Pool Name TRIPLE X; BONE SPRING
⁴ Property Code 30884	⁵ Property Name THISTLE UNIT	⁶ Well Number 53H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3694.3

¹⁰ 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	28	23 S	33 E		200	NORTH	2030	EAST	LEA

¹¹ 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
O	28	23 S	33 E		330	SOUTH	1980	EAST	LEA

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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.

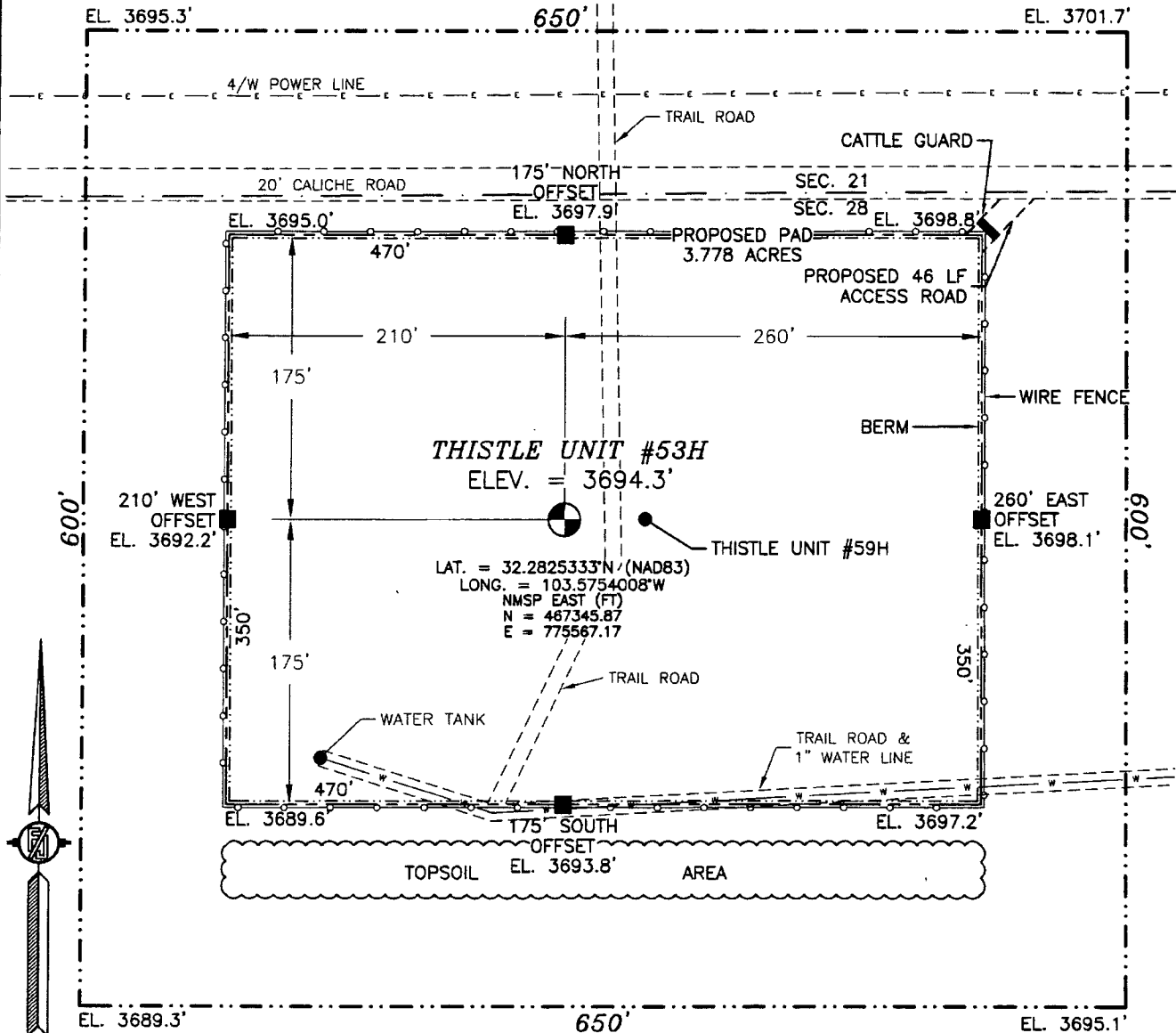
<p>N89°35'59"E 2635.25 FT</p> <p>NW CORNER SEC. 28 LAT. = 32.2830836°N LONG. = 103.5858879°W NMSP EAST (FT) N = 467523.34 E = 772324.78</p> <p>PP: 200 FNL & 2030 FEL</p> <p>W Q CORNER SEC. 28 LAT. = 32.2758256°N LONG. = 103.5858861°W NMSP EAST (FT) N = 464882.92 E = 772343.75</p> <p>NOTE: LATITUDE AND 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.</p> <p>SW CORNER SEC. 28 LAT. = 32.2685894°N LONG. = 103.5858855°W NMSP EAST (FT) N = 462250.40 E = 772362.29</p> <p>S89°39'50"W 2638.55 FT</p>	<p>N Q CORNER SEC. 28 LAT. = 32.2830834°N LONG. = 103.5773628°W NMSP EAST (FT) N = 467541.75 E = 774959.43</p> <p>THISTLE UNIT #53H ELEV. = 3694.3 LAT. = 32.2825333°N (NAD83) LONG. = 103.5754008°W NMSP EAST (FT) N = 467345.87 E = 775567.17</p> <p>BOTTOM OF HOLE LAT. = 32.2694859°N LONG. = 103.5752305°W NMSP EAST (FT) N = 462599.65 E = 775653.34</p> <p>S Q CORNER SEC. 28 LAT. = 32.2685811°N LONG. = 103.5773510°W NMSP EAST (FT) N = 462265.88 E = 775000.25</p> <p>S89°39'50"W 2635.80 FT</p>	<p>N89°36'41"E 2636.43 FT</p> <p>NE CORNER SEC. 28 LAT. = 32.2830812°N LONG. = 103.5688338°W NMSP EAST (FT) N = 467559.63 E = 777595.25</p> <p>SE CORNER SEC. 28 LAT. = 32.2685723°N LONG. = 103.5688255°W NMSP EAST (FT) N = 462281.34 E = 777635.45</p> <p>S00°26'27"E 2637.40 FT</p>	<p>¹⁷ OPERATOR CERTIFICATION 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>[Signature]</i> 11/21/2013 Signature Date David H. Cook Regulatory Specialist Printed Name david.cook@dmn.com E-mail Address</p> <p>¹⁸ SURVEYOR CERTIFICATION 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>SEPTEMBER 12, 2013 Date of Survey <i>[Signature]</i> Signature and Seal of Professional Surveyor Certificate Number 12797 SURVEY NO. 2222</p>
--	---	---	---

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



0 10 50 100 200

SCALE 1" = 100'

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 0.2 MILES, AND LOCATION IS ON THE LEFT 200'.

DEVON ENERGY PRODUCTION COMPANY, L.P.

THISTLE UNIT #53H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2030 FT. FROM THE EAST LINE OF
SECTION 28, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.

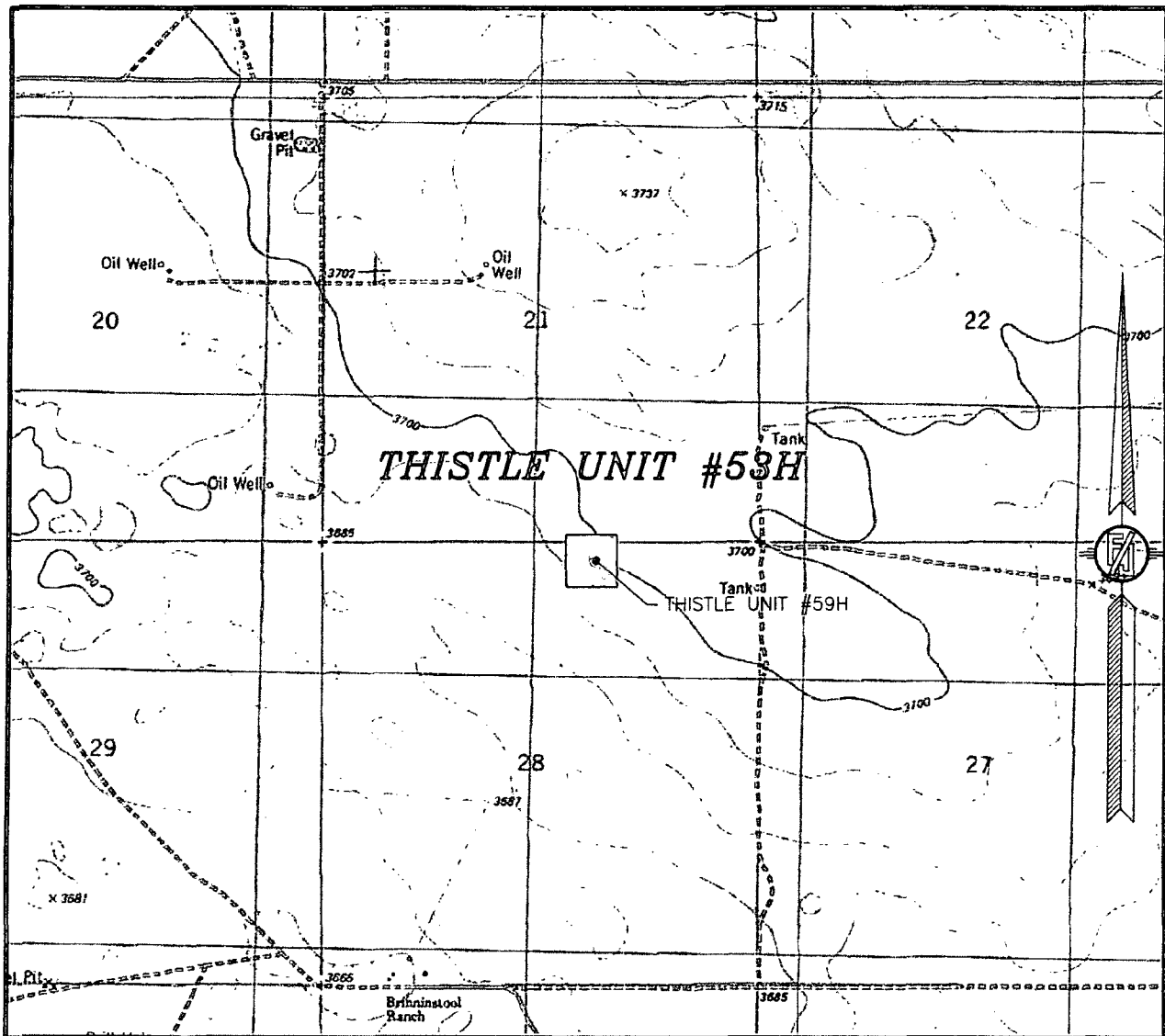
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2013

SURVEY NO. 2222

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

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 #53H

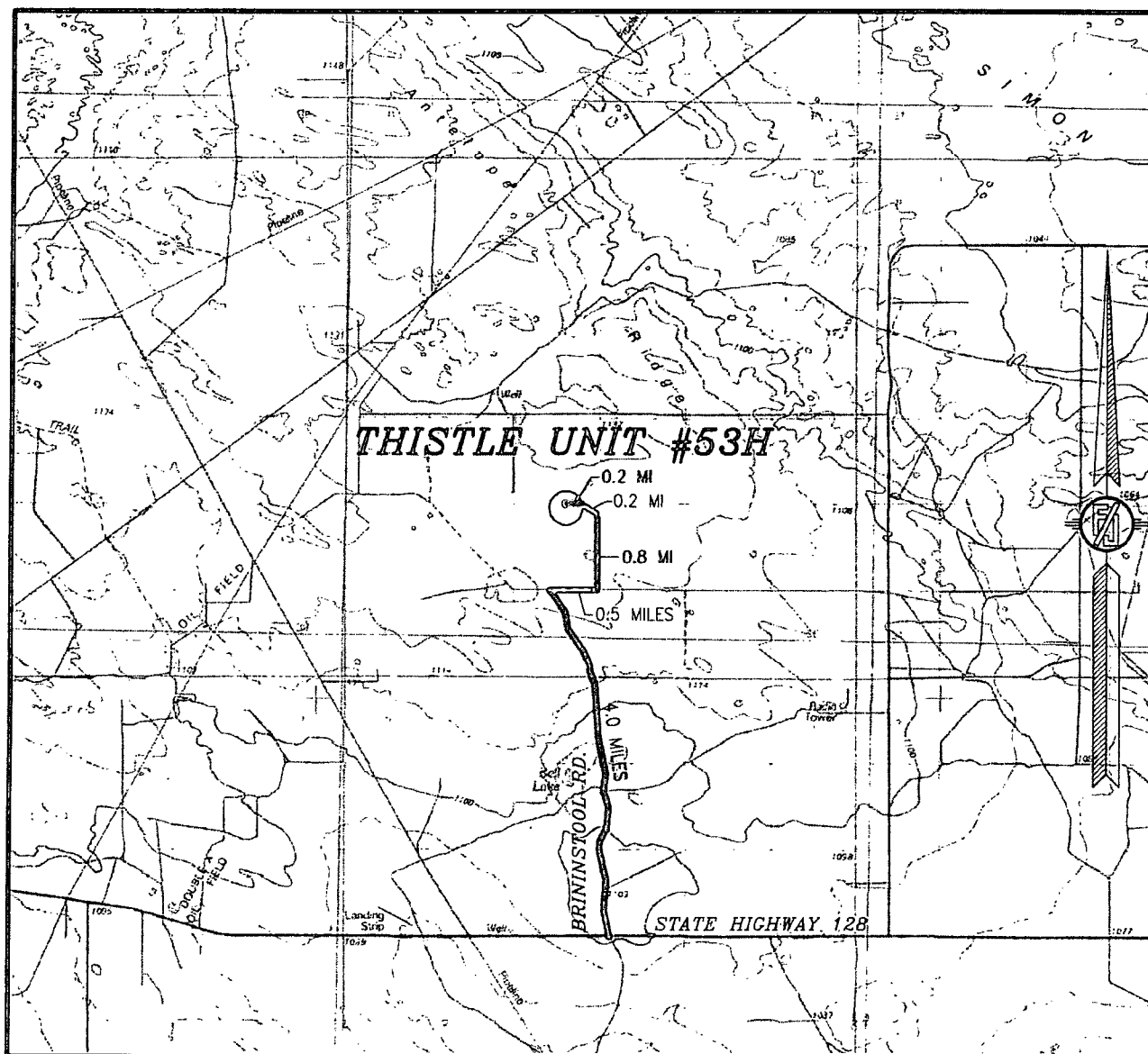
LOCATED 200 FT. FROM THE NORTH LINE
AND 2030 FT. FROM THE EAST LINE OF
SECTION 28, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2013

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

SURVEY NO. 2222

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 #53H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2030 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

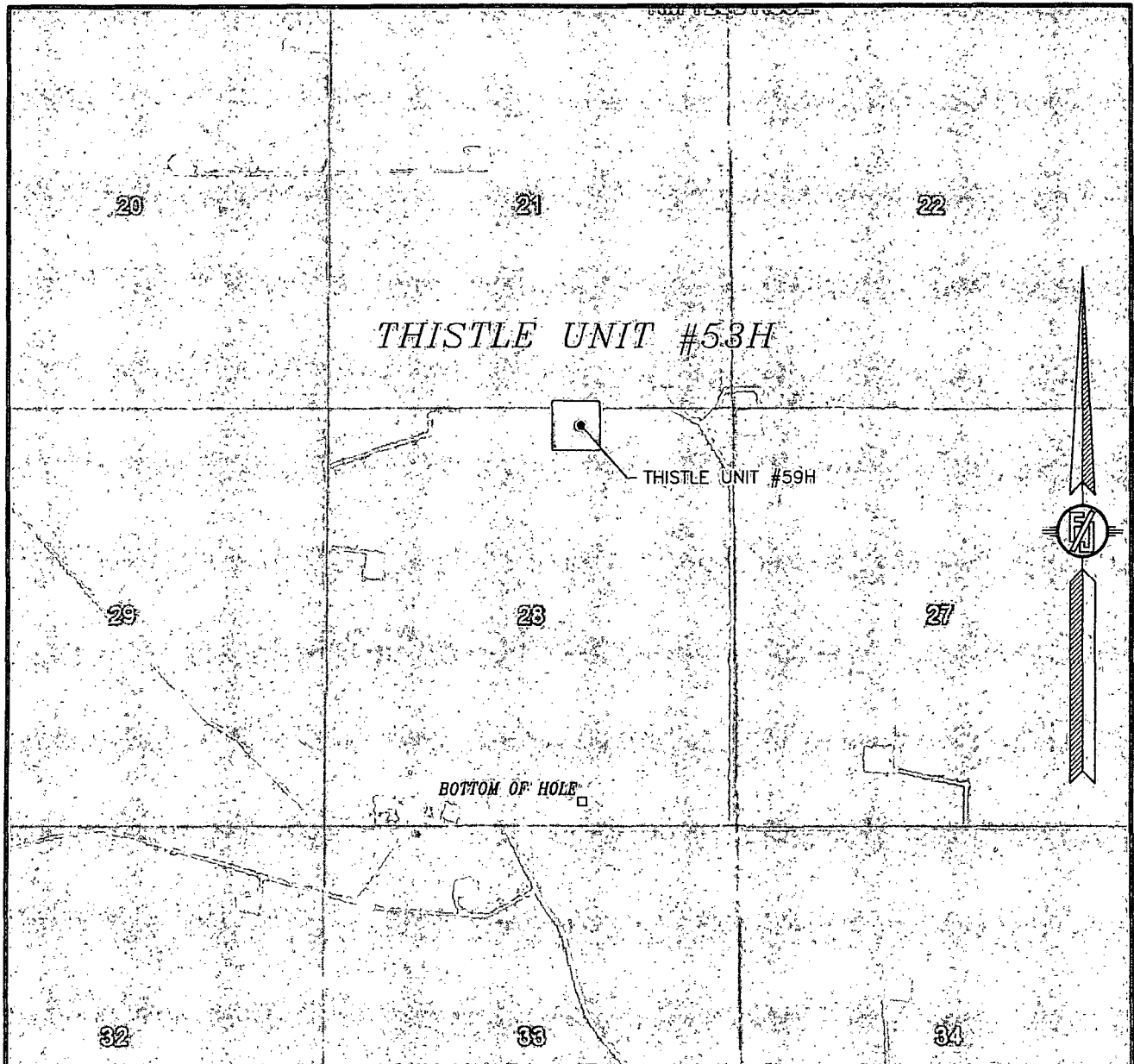
FROM STATE HIGHWAY 128 AND BRININSTOOL ROAD (CALICHE) GO
NORTH ON BRININSTOOL ROAD 4.0 MILES, TURN RIGHT ON CALICHE
ROAD (XL ROAD) AND GO EAST 0.5 MILES, TURN LEFT AND GO
NORTH 0.8 MILES, BEND LEFT AND GO NORTHWEST 0.2 MILES, TURN
LEFT AND GO WEST 0.2 MILES, AND LOCATION IS ON THE LEFT 200'.

SEPTEMBER 12, 2013

SURVEY NO. 2222

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

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.

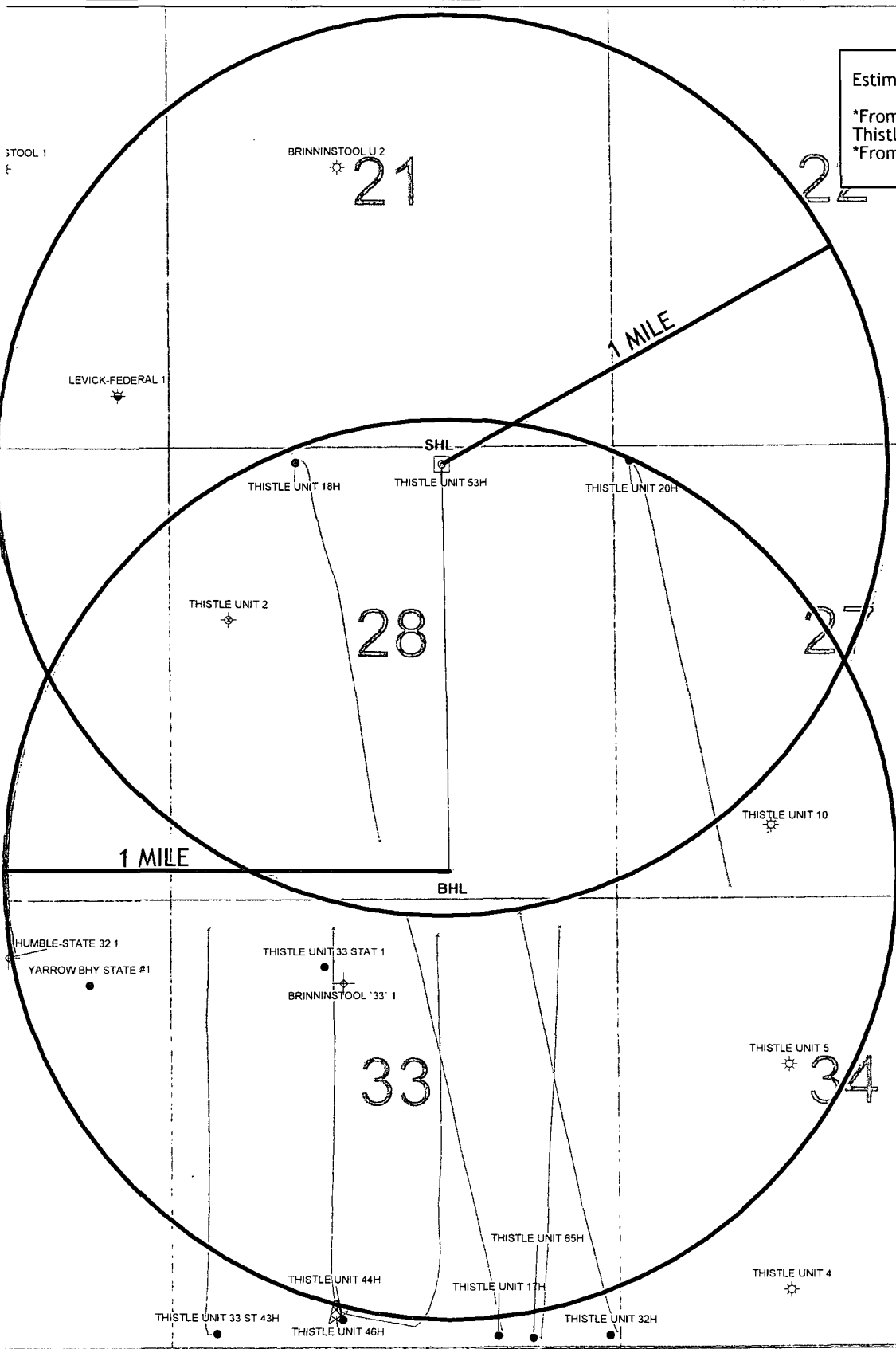
THISTLE UNIT #53H

LOCATED 200 FT. FROM THE NORTH LINE
AND 2030 FT. FROM THE EAST LINE OF
SECTION 28, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SEPTEMBER 12, 2013

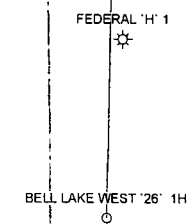
SURVEY NO. 2222

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



Estimated distances to nearest wellbores:		
*From SHL:	Thistle Unit 18H	1620 ft W
	Thistle Unit 18H	815 ft W
*From BHL:	Thistle Unit 46H	710 ft SW

23S 33E



Thistle Unit 53H
1 Mile Radius Map

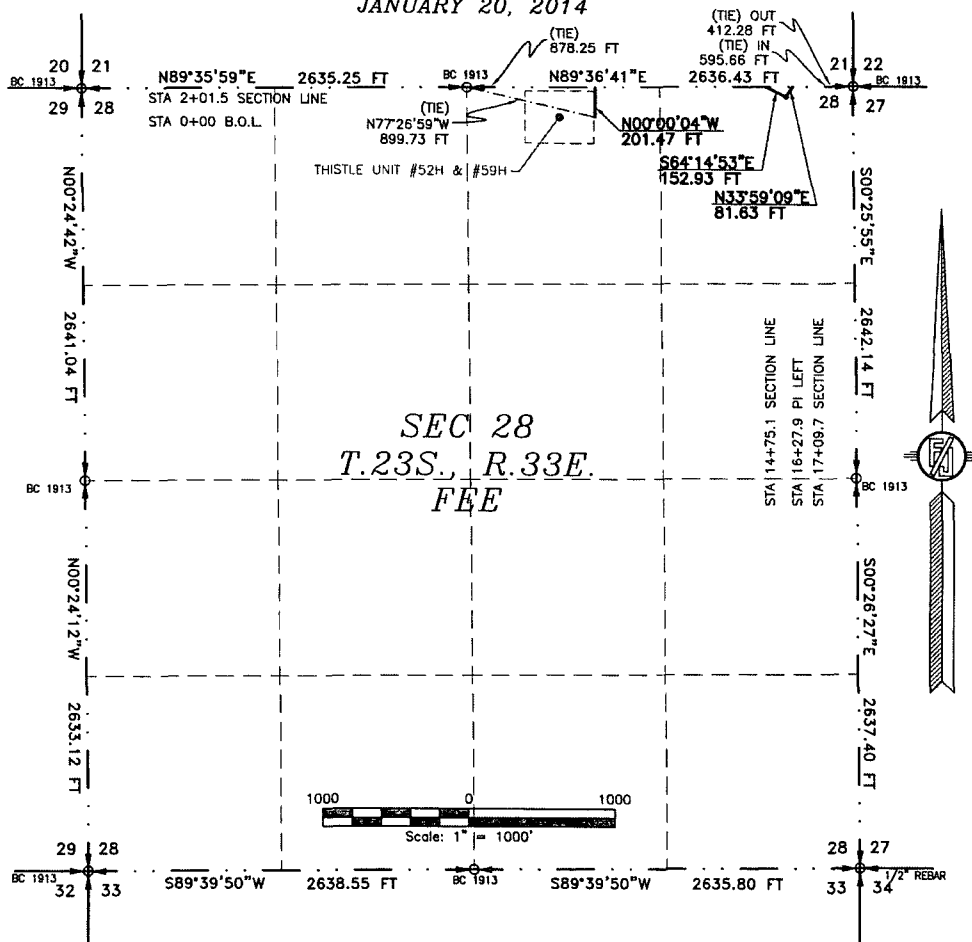


- WELL SYMBOLS
- ☼ DRY AND ABANDONED WELL
 - ☼ DRY HOLE WITH SHOW OF O&G
 - ☼ TD REACHED
 - ☼ GAS PRODUCING WELL
 - OIL PRODUCING WELL
 - ☼ PLUGGED AND ABANDONED
 - PROPOSED

September 19, 2013

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #53H & #59H 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
JANUARY 20, 2014



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 NW/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 N77°26'59"W, A DISTANCE OF 899.73 FEET; THENCE N00°00'04"W A DISTANCE OF 201.47 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 878.25 FEET;

SAID STRIP OF LAND BEING 201.47 FEET OR 12.21 RODS IN LENGTH, CONTAINING 0.139 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NE/4 201.47 L.F. 12.21 RODS 0.139 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 595.66 FEET;

THENCE S64°14'53"E A DISTANCE OF 152.93 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N33°59'09"E A DISTANCE OF 81.63 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 412.28 FEET;

SAID STRIP OF LAND BEING 234.56 FEET OR 14.22 RODS IN LENGTH, CONTAINING 0.162 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4 234.56 L.F. 14.22 RODS 0.162 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 PLAN 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 JANUARY 2014.

Filmon F. Jaramillo
FILMON F. JARAMILLO, P.E.S. 12797

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

SURVEY NO. 2589

GENERAL NOTES

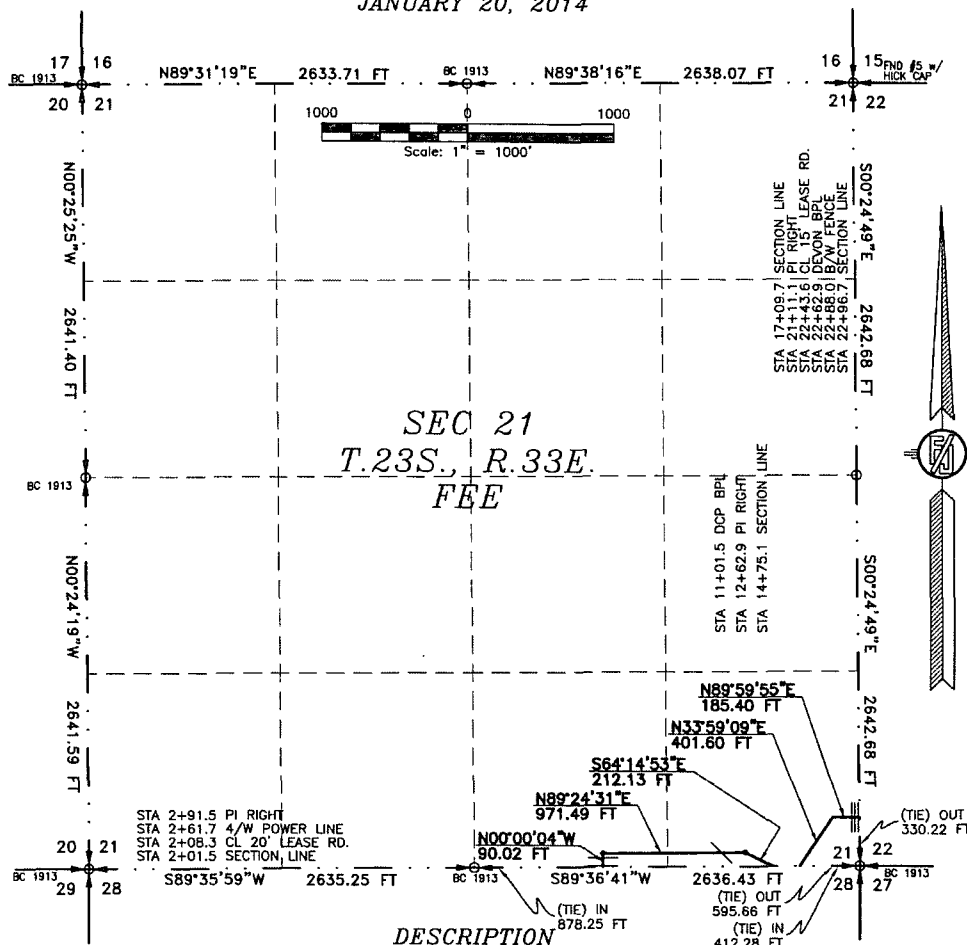
1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

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

SHEET: 1-5

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

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
JANUARY 20, 2014



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 SW/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 878.25 FEET; THENCE N00°00'04"W A DISTANCE OF 90.02 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N89°24'31"E A DISTANCE OF 971.49 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S64°14'53"E A DISTANCE OF 212.13 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 595.66 FEET;

SAID STRIP OF LAND BEING 1273.64 FEET OR 77.19 RODS IN LENGTH, CONTAINING 0.878 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4	529.33 L.F.	32.08 RODS	0.365 ACRES
SE/4 SE/4	744.31 L.F.	45.11 RODS	0.513 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 412.28 FEET; THENCE N33°59'09"E A DISTANCE OF 401.60 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N89°59'55"E A DISTANCE OF 185.40 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 330.22 FEET;

SAID STRIP OF LAND BEING 587.00 FEET OR 35.58 RODS IN LENGTH, CONTAINING 0.404 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 587.00 LF. 35.58 RODS 0.404 ACRES

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.

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 DAY OF JANUARY 2014

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

SHEET: 2-5

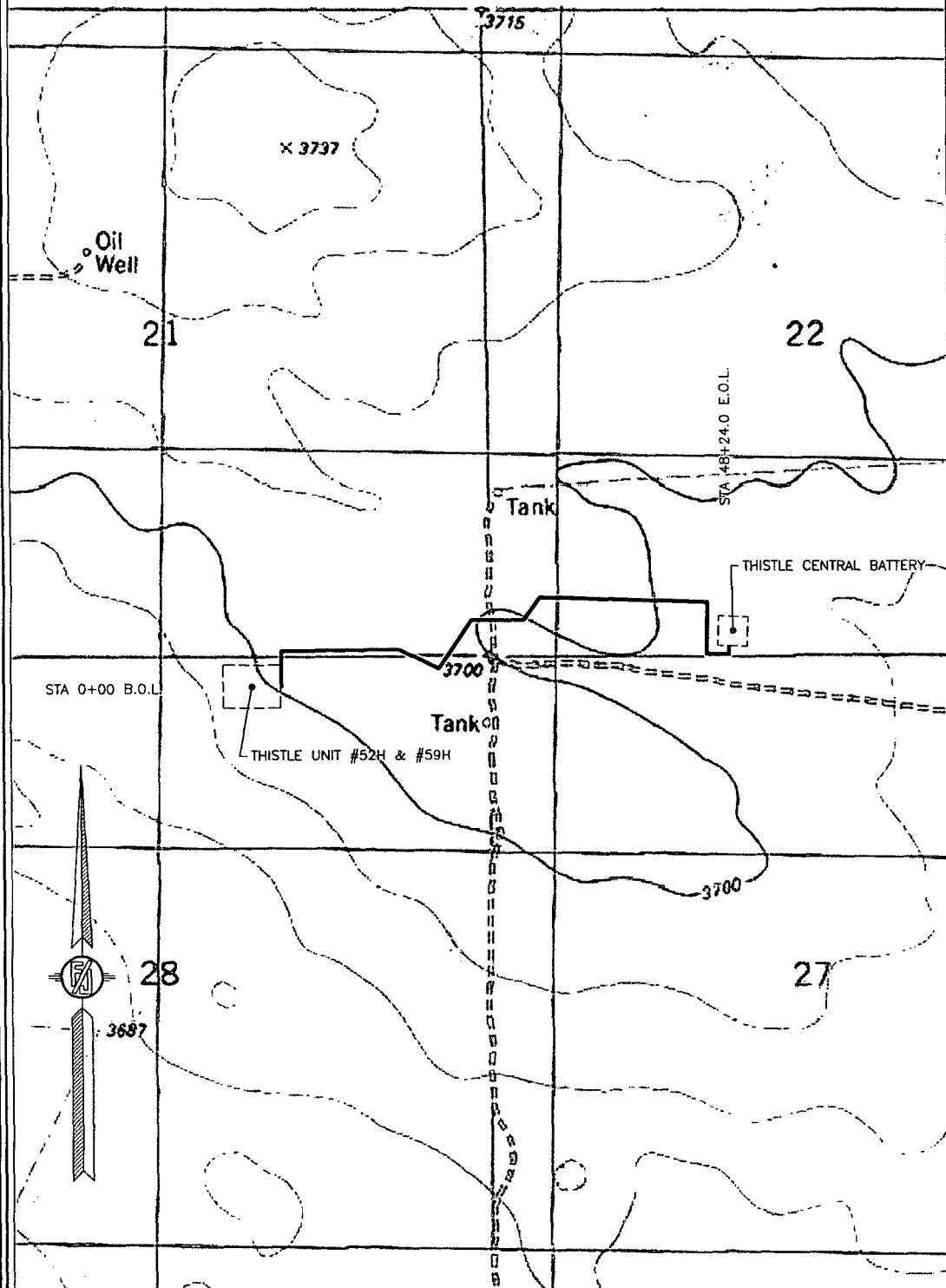
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SURVEY NO. 2589

SURVEY NO. 2589

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #53H & #59H 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
JANUARY 20, 2014



SHEET: 4-5

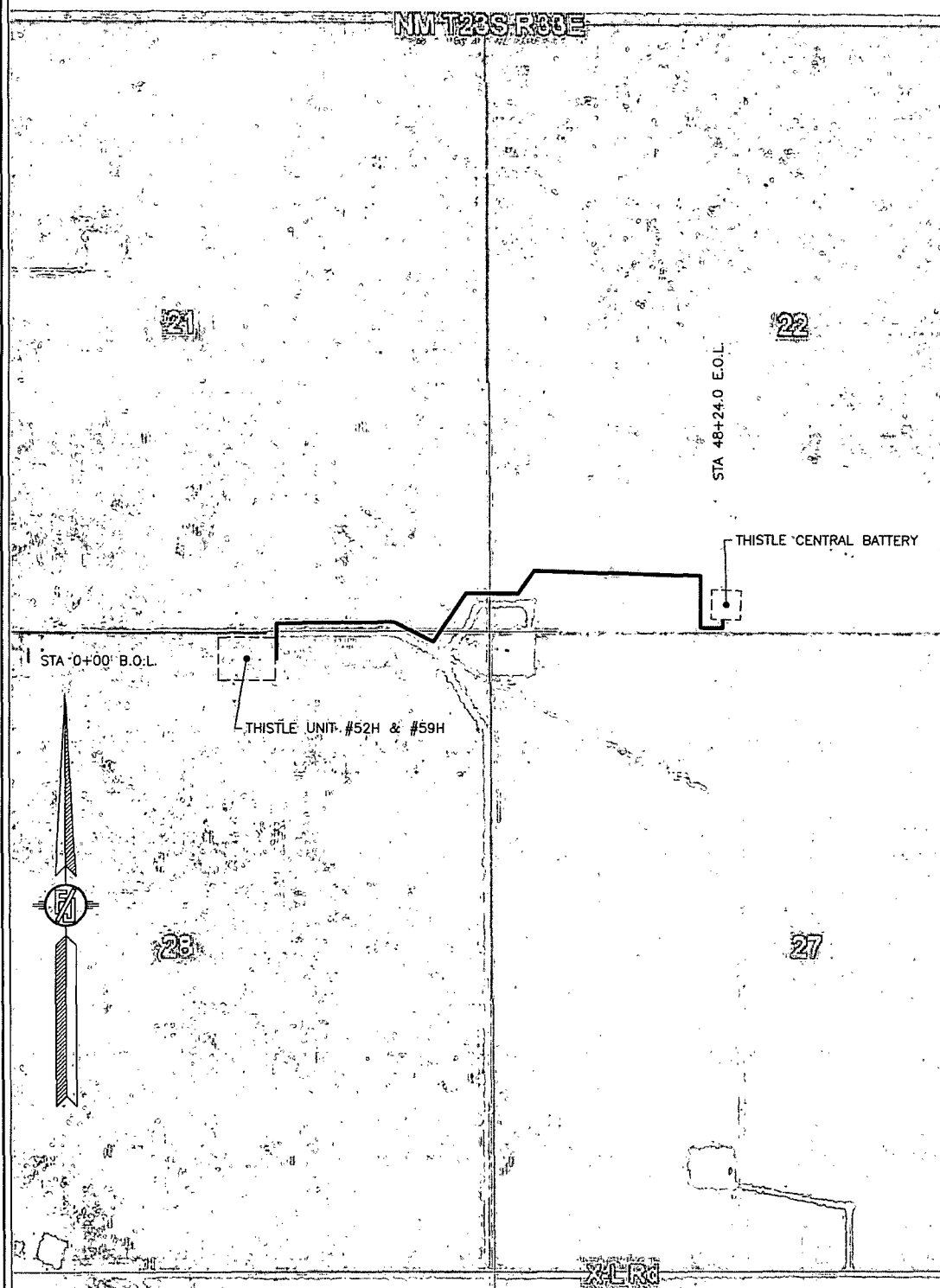
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SURVEY NO. 2589

(575) 234-3341

4" BURIED POLY FIBER FLEX FLOW LINE FROM THE THISTLE UNIT #53H & #59H 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
JANUARY 20, 2014



SHEET: 5-5

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

SURVEY NO. 2589