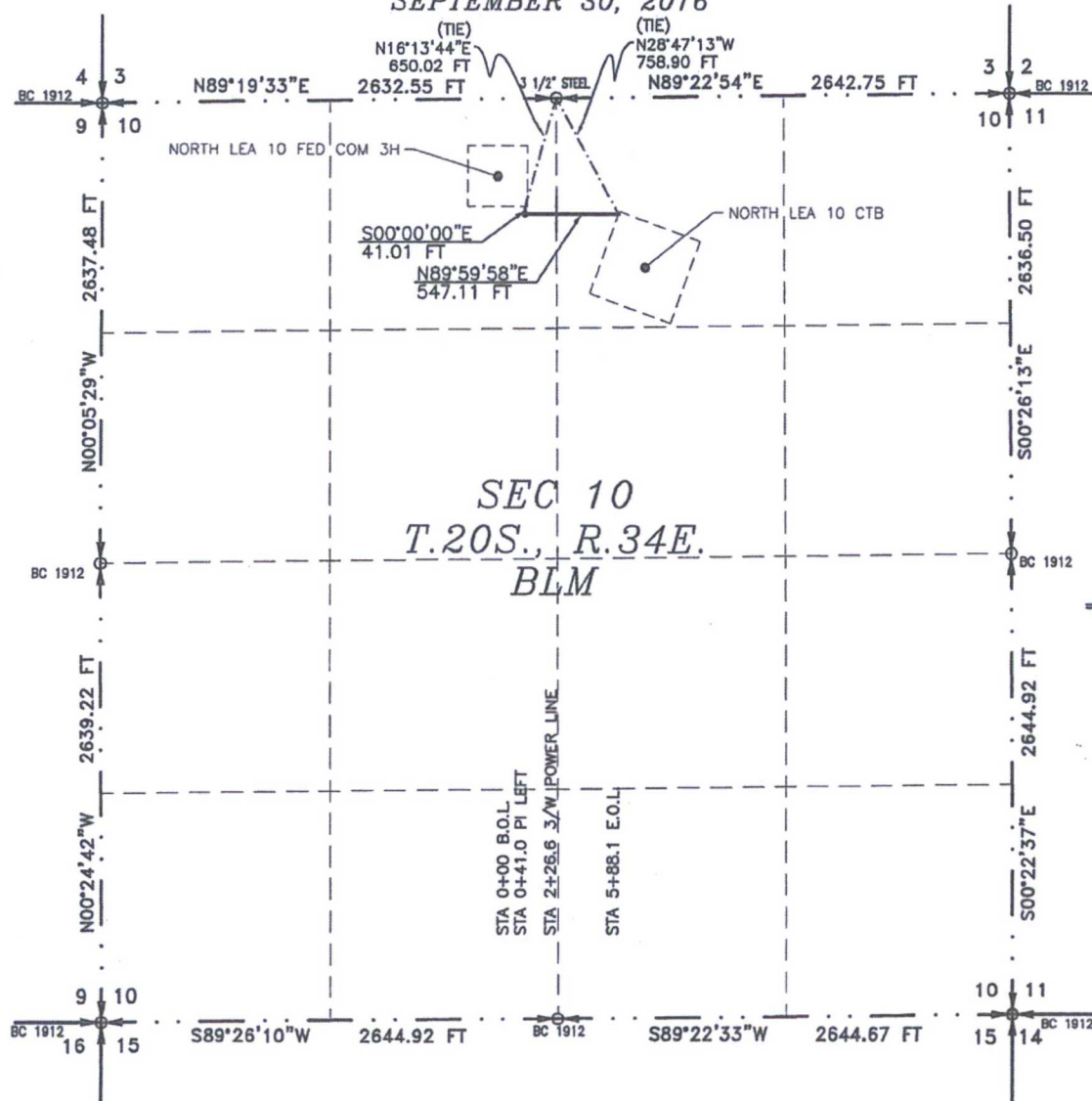


# **FLOWLINE PLAT**

4" POLY FLOWLINE & A 4" GAS LINE IN SAME EASEMENT FROM THE NORTH LEA 10 FED COM 3H  
TO THE NORTH LEA 10 CTB

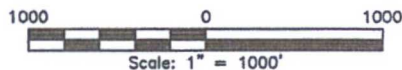
**READ & STEVENS, INC.**

CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SEPTEMBER 30, 2016



SEC 10  
T.20S., R.34E.  
BLM

SEE NEXT SHEET (2-4) FOR DESCRIPTION



## **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: 1-4

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

## **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 10 DAY OF OCTOBER 2016

*[Signature]*  
FILMON F. JARAMILLO, P.S. 12797  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
(575) 234-3341

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

SURVEY NO. 4902

*[Handwritten signature]*  
TAD 10/20/16

# FLOWLINE PLAT

4" POLY FLOWLINE & A 4" GAS LINE IN SAME EASEMENT FROM THE NORTH LEA 10 FED COM 3H  
TO THE NORTH LEA 10 CTB

READ & STEVENS, INC.  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SEPTEMBER 30, 2016

## DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 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 NE/4 NW/4 OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N16°13'44"E, A DISTANCE OF 650.02 FEET;

THENCE S00°00'00"E A DISTANCE OF 41.01 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N89°59'58"E A DISTANCE OF 547.11 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N28°47'13"W, A DISTANCE OF 758.90 FEET;

SAID STRIP OF LAND BEING 588.12 FEET OR 35.65 RODS IN LENGTH, CONTAINING 0.405 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NW/4	227.15 L.F.	13.77 RODS	0.156 ACRES
NW/4 NE/4	360.97 L.F.	21.88 RODS	0.249 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 17 DAY OF OCTOBER 2016

FILIMON F. JARAMILLO PLS 12797  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

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

## 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: 2-4

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 4902

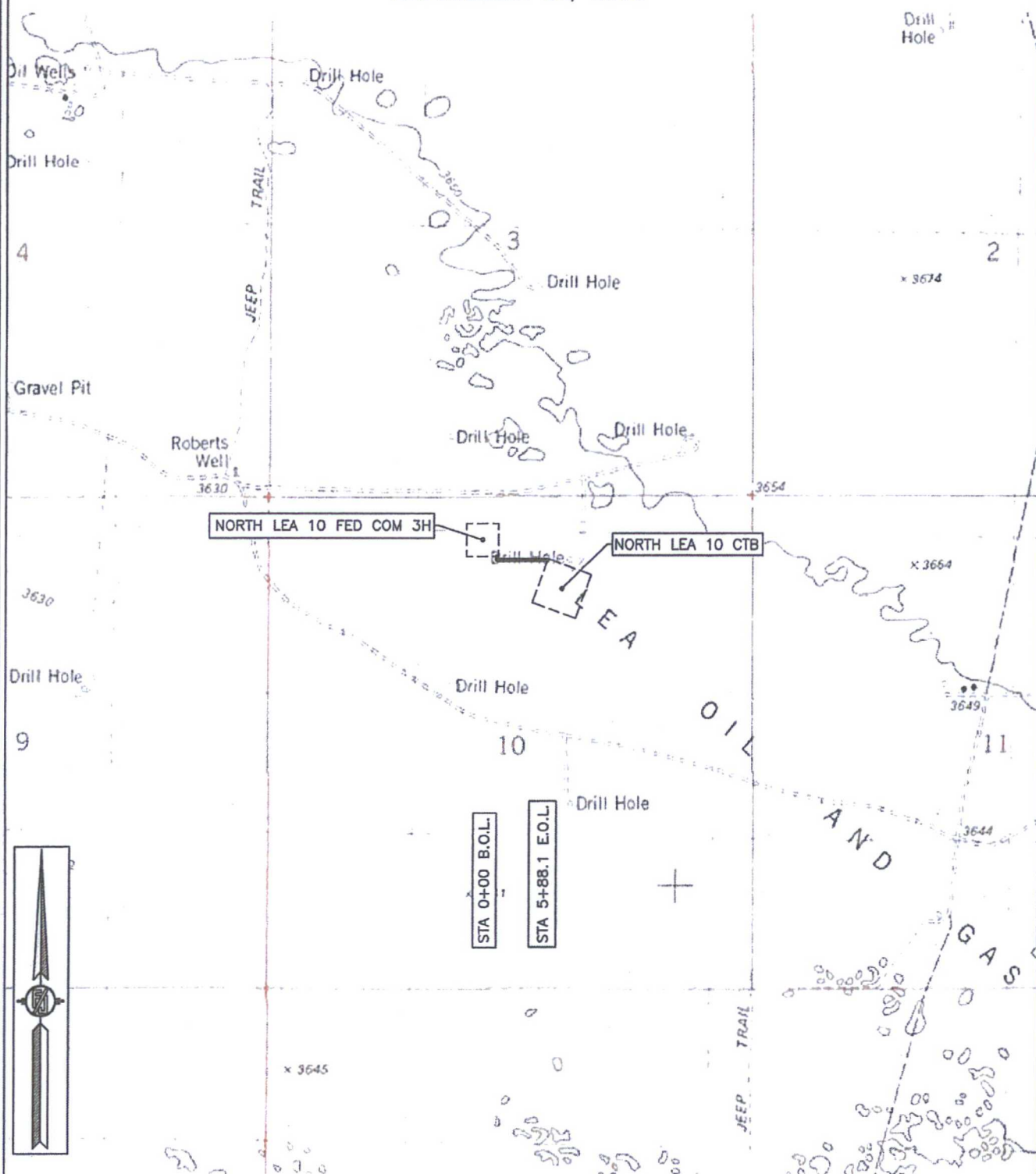


# FLOWLINE PLAT

4" POLY FLOWLINE & A 4" GAS LINE IN SAME EASEMENT FROM THE NORTH LEA 10 FED COM 3H  
TO THE NORTH LEA 10 CTB

READ & STEVENS, INC.

CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SEPTEMBER 30, 2016



SHEET: 3-4

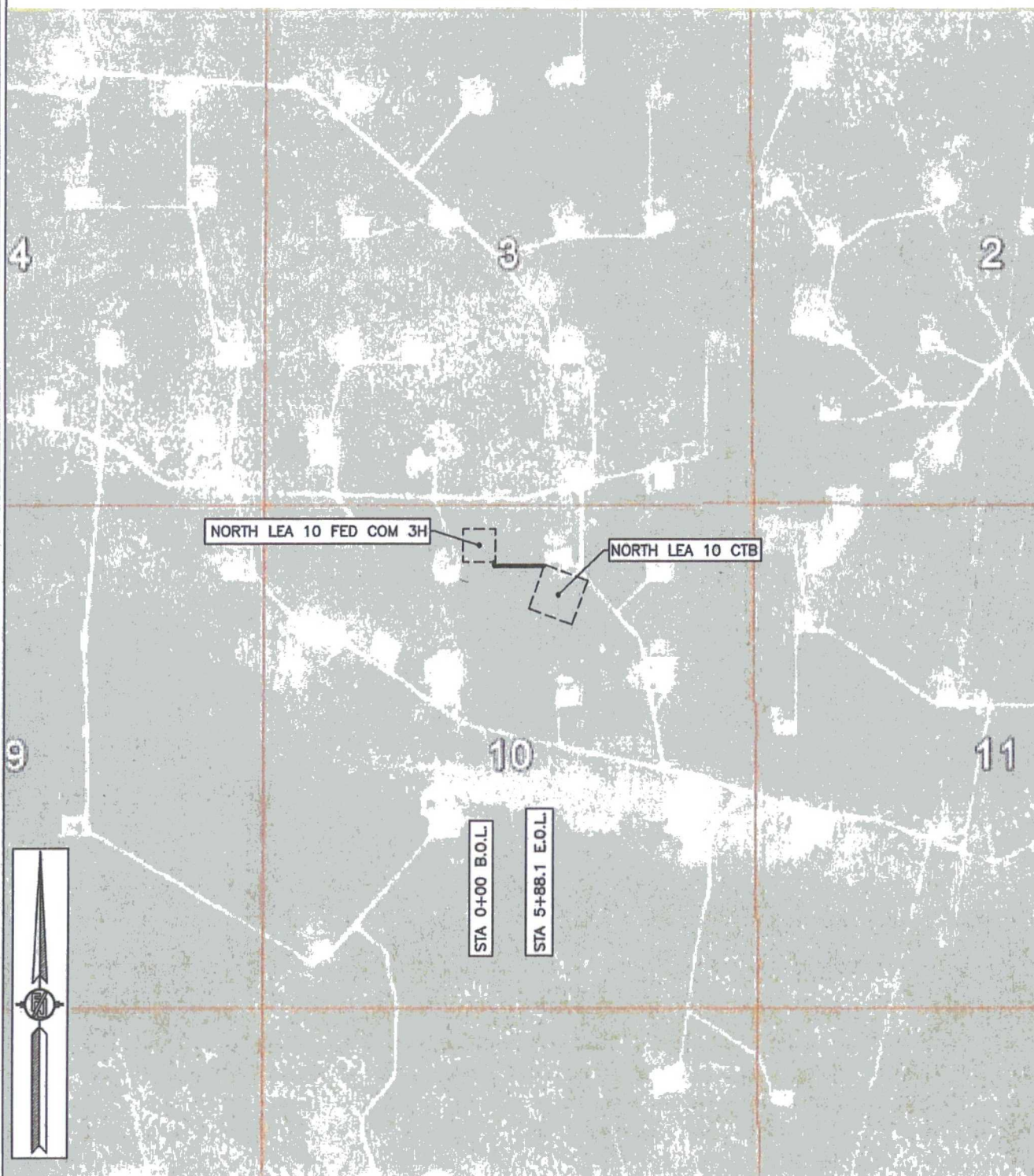
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 4902

**FLOWLINE PLAT**

4" POLY FLOWLINE & A 4" GAS LINE IN SAME EASEMENT FROM THE NORTH LEA 10 FED COM 3H  
TO THE NORTH LEA 10 CTB

READ & STEVENS, INC.  
CENTERLINE SURVEY OF A PIPELINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
SEPTEMBER 30, 2016



SHEET: 4-4

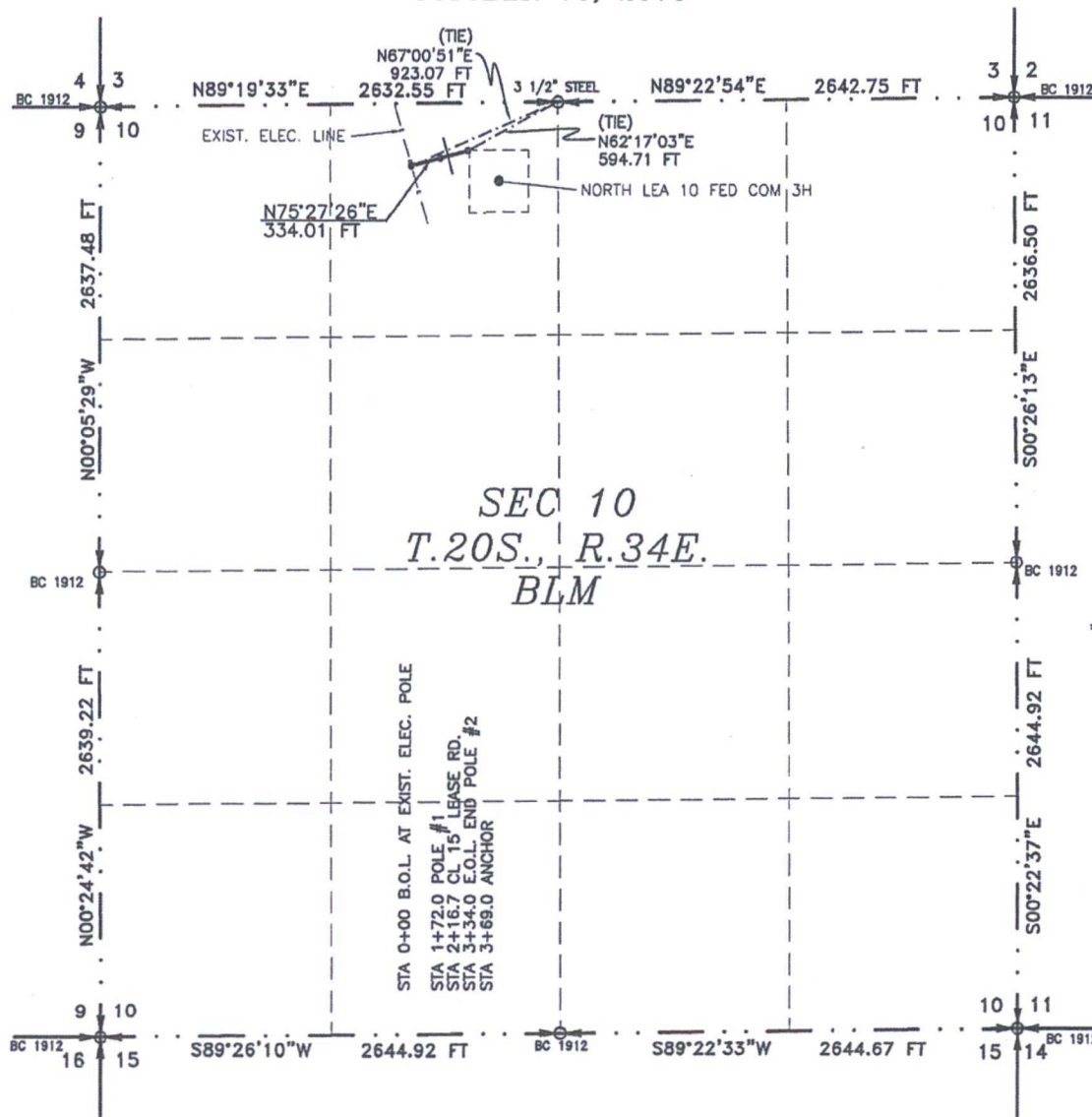
SURVEY NO. 4902

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

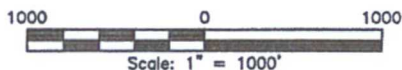


**ELECTRIC LINE PLAT**  
ELECTRIC LINE FROM AN EXISTING ELECTRIC POLE TO THE NORTH LEA 10 FED COM 3H

**READ & STEVENS, INC.**  
CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
OCTOBER 10, 2016



SEE NEXT SHEET (2-4) FOR DESCRIPTION



**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: 1-4**

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

**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 DAY OF OCTOBER 2016

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

**SURVEY NO. 4935**

FILIMON F. JARAMILLO REG. #12797  
(575) 234-3341

*Handwritten signature and date: 10/10/2016*

**ELECTRIC LINE PLAT**  
ELECTRIC LINE FROM AN EXISTING ELECTRIC POLE TO THE NORTH LEA 10 FED COM 3H

**READ & STEVENS, INC.**  
CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
OCTOBER 10, 2016

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 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 NE/4 NW/4 OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N67°00'51"E, A DISTANCE OF 923.07 FEET;

THENCE N75°27'26"E A DISTANCE OF 334.01 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N62°17'03"E, A DISTANCE OF 594.71 FEET;

SAID STRIP OF LAND BEING 334.01 FEET OR 20.24 RODS IN LENGTH, CONTAINING 0.230 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NW/4 334.01 L.F. 20.24 RODS 0.230 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: 2-4**

**MADRON SURVEYING, INC.**

**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

DAY OF OCTOBER 2016

FILIMON F. JARAMILLO PLS 12797

301 SOUTH CANAL  
(575) 234-3341

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

**SURVEY NO. 4935**

**CARLSBAD, NEW MEXICO**



**ELECTRIC LINE PLAT**

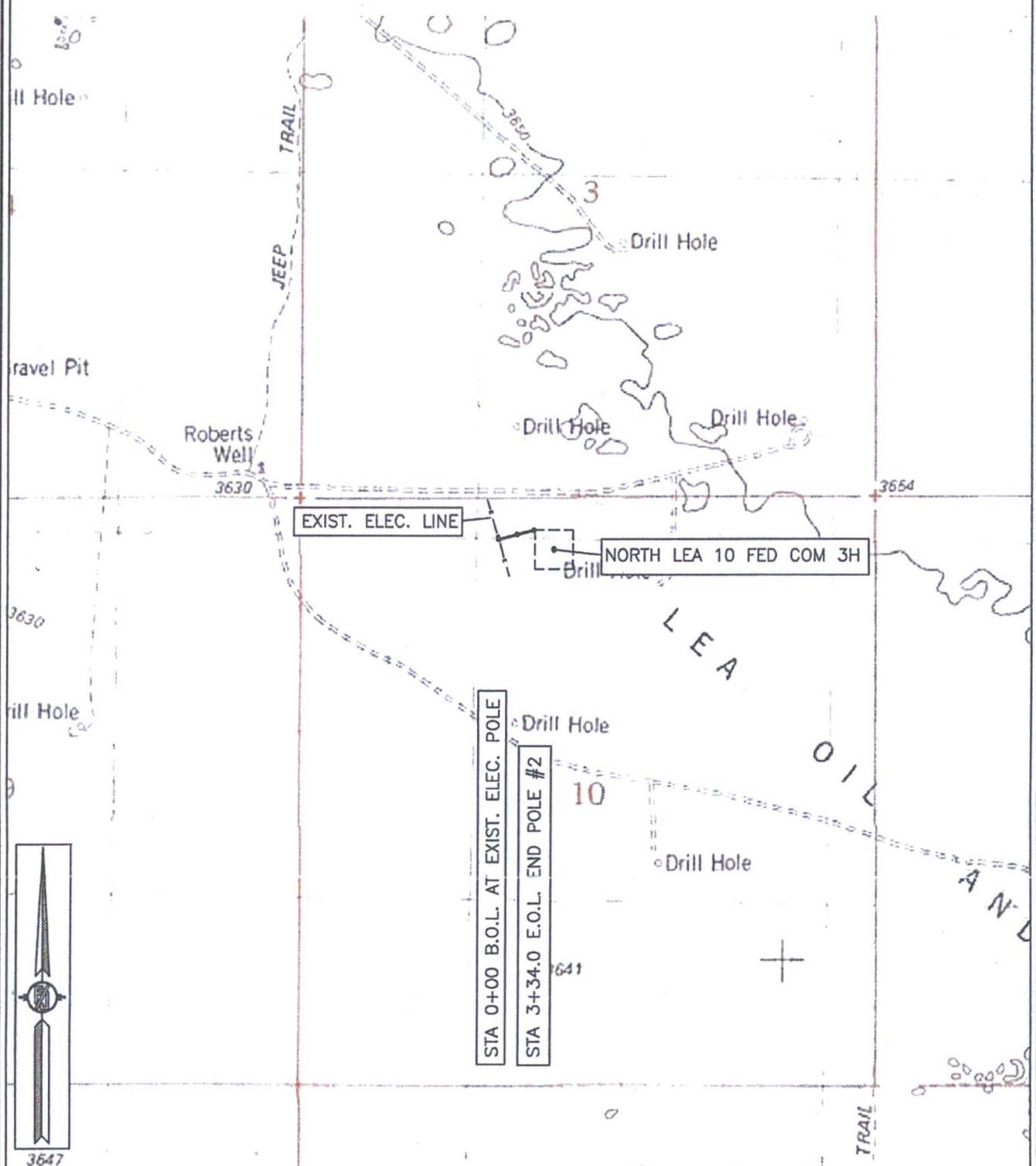
ELECTRIC LINE FROM AN EXISTING ELECTRIC POLE TO THE NORTH LEA 10 FED COM 3H

**READ & STEVENS, INC.**

CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 10, 2016



SHEET: 3-4

MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

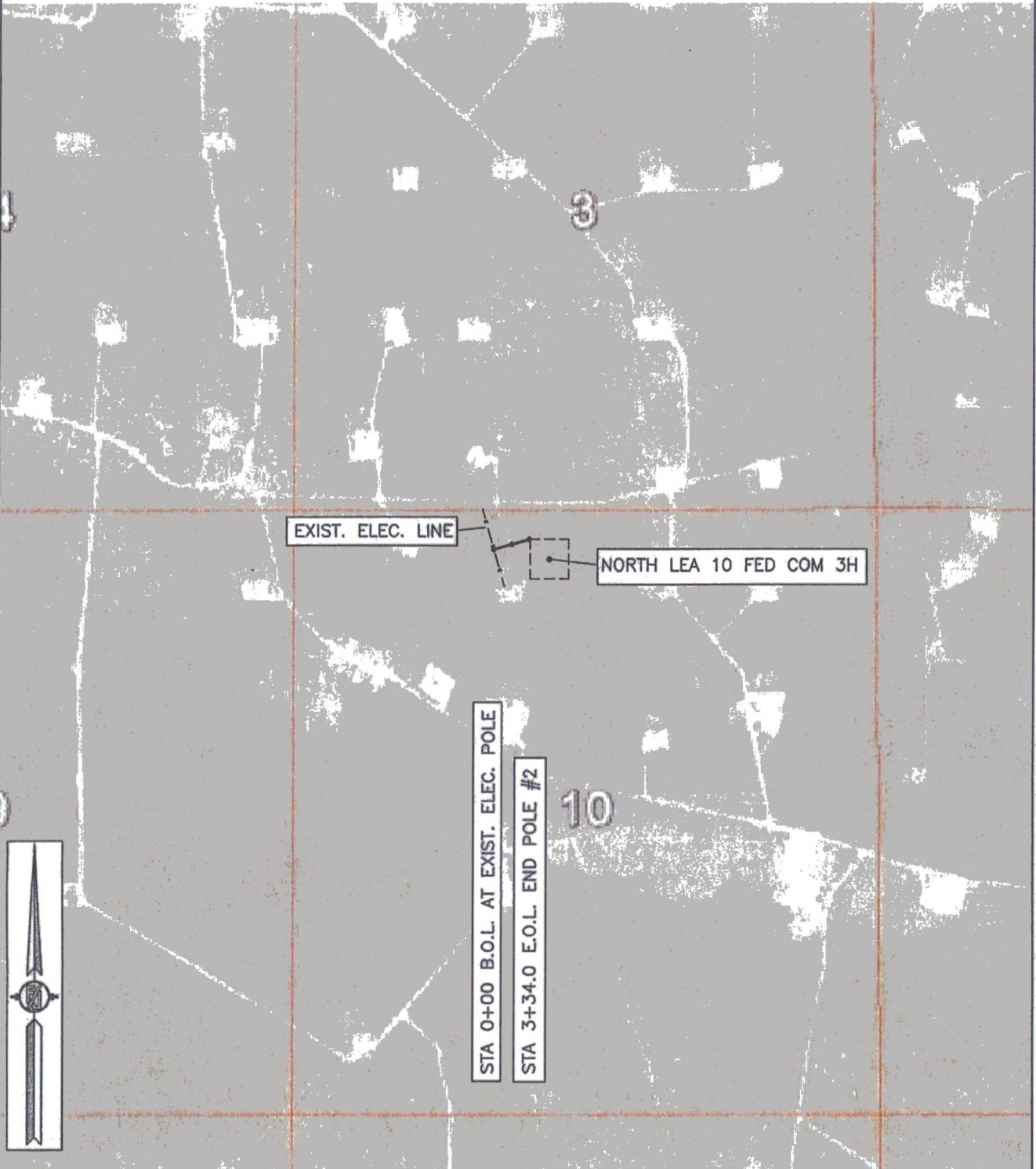
SURVEY NO. 4935

**ELECTRIC LINE PLAT**

ELECTRIC LINE FROM AN EXISTING ELECTRIC POLE TO THE NORTH LEA 10 FED COM 3H

**READ & STEVENS, INC.**

CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING  
SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
OCTOBER 10, 2016



SHEET: 4-4

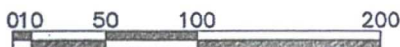
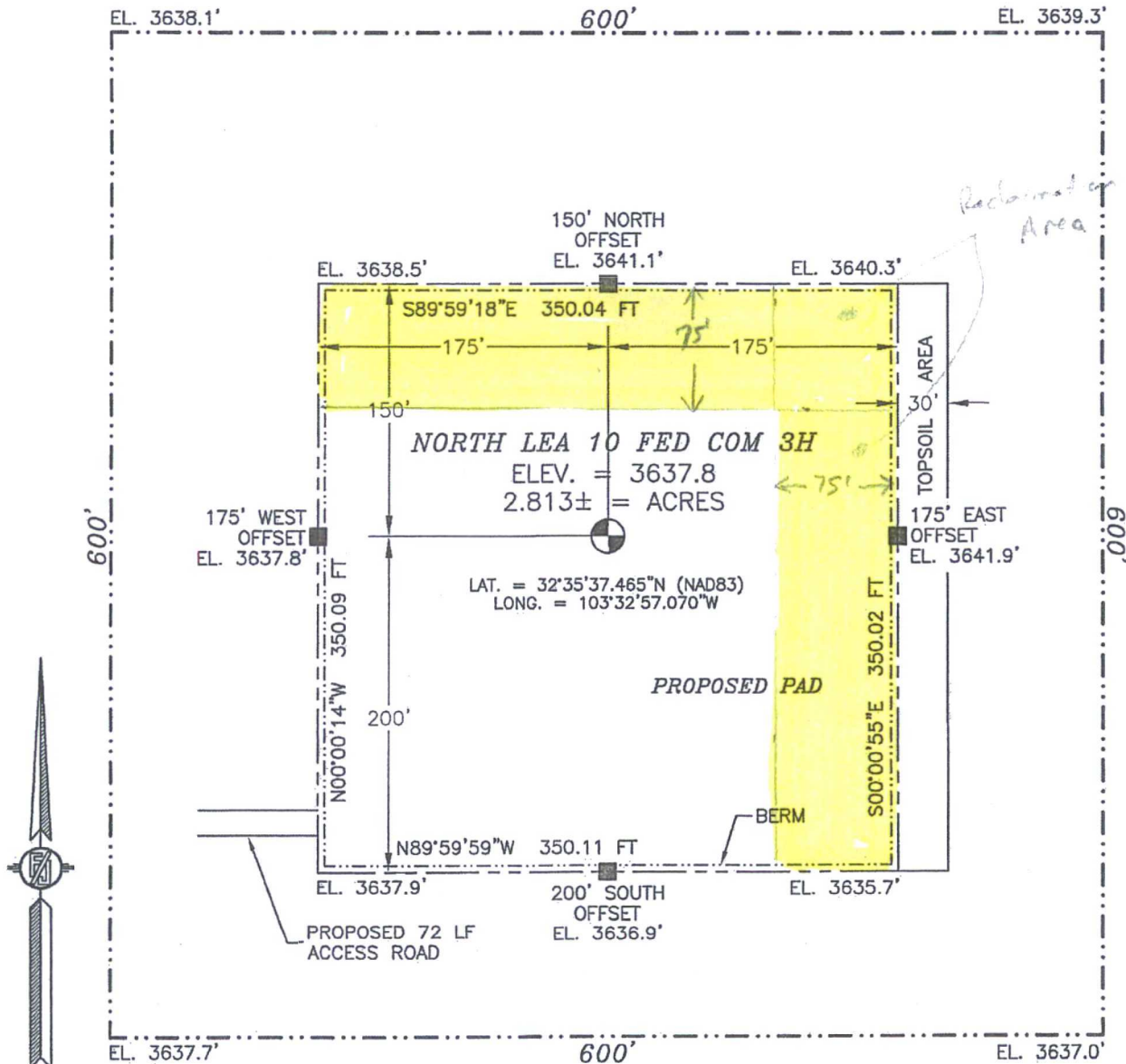
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 4935



SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 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



SCALE 1" = 100'  
DIRECTIONS TO LOCATION

FROM MILE MARKER #78 ON HWY 62-180 GOING EAST APPROX. 0.2 OF A MILE TO A LEASE ROAD ON RIGHT (SOUTH) TURN SOUTH GO APPROX. 0.36 OF A MILE TO LEASE ROAD ON LEFT (EAST) TURN EAST GO APPROX. 0.38 OF A MILE ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.74 OF A MILE ROAD TURNS LEFT (EAST) & TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.21 OF A MILE TO A LEASE ROAD ON RIGHT (WEST) TURN WEST GO APPROX. 0.31 OF A MILE TO A LEASE ROAD ON LEFT (SOUTH) TURN SOUTH GO APPROX. 0.13 OF A MILE, TURN LEFT GO EAST 72° TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 3H**  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1905A

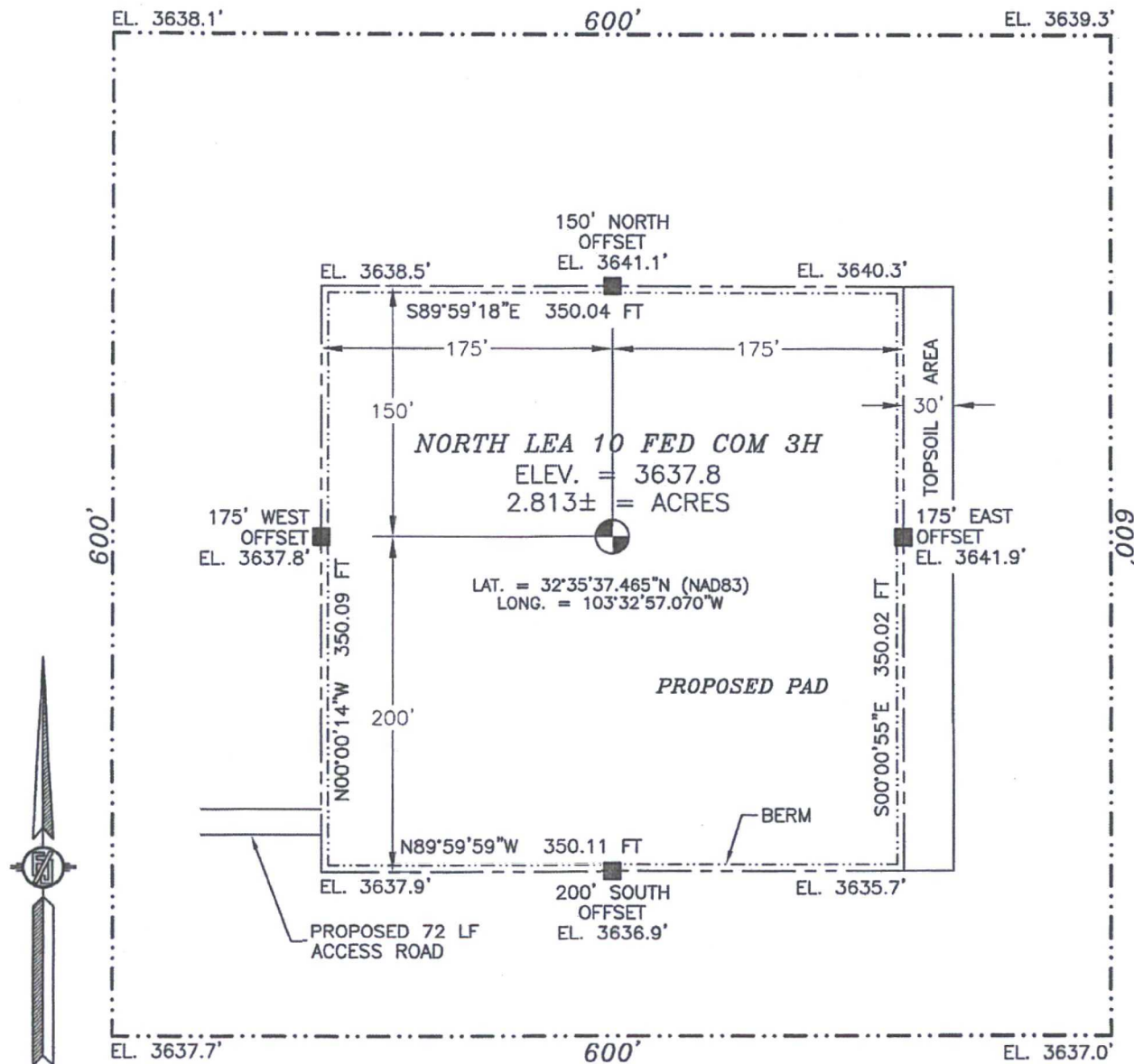
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

*Handwritten signature and date:*  
m. 2016

SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 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



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM MILE MARKER #78 ON HWY 62-180 GOING EAST APPROX. 0.2 OF A MILE TO A LEASE ROAD ON RIGHT (SOUTH) TURN SOUTH GO APPROX. 0.36 OF A MILE TO LEASE ROAD ON LEFT (EAST) TURN EAST GO APPROX. 0.38 OF A MILE ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.74 OF A MILE ROAD TURNS LEFT (EAST) & TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.21 OF A MILE TO A LEASE ROAD ON RIGHT (WEST) TURN WEST GO APPROX. 0.31 OF A MILE TO A LEASE ROAD ON LEFT (SOUTH) TURN SOUTH GO APPROX. 0.13 OF A MILE, TURN LEFT GO EAST 72' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 3H**  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1905A

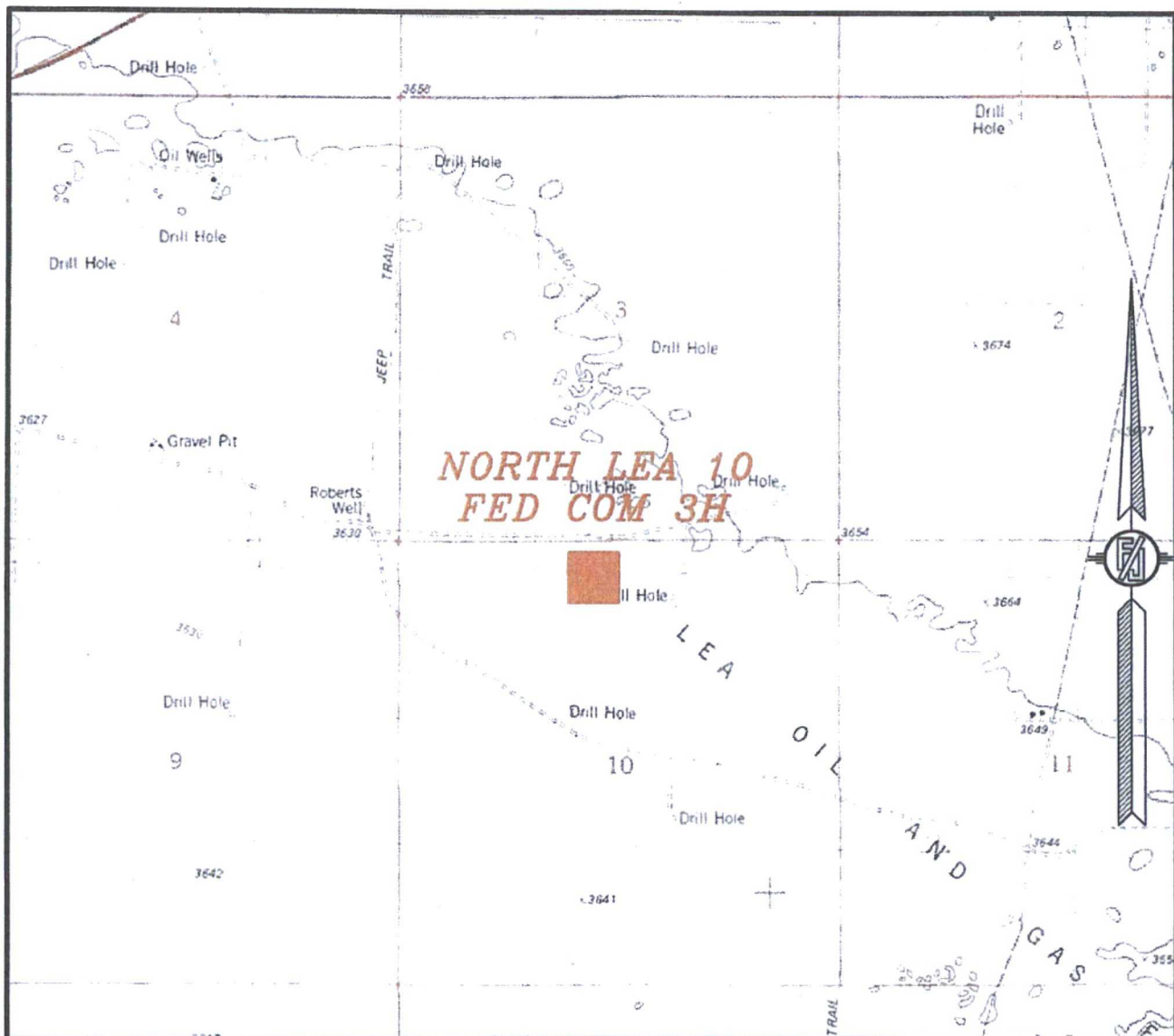
MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO



SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
LOCATION VERIFICATION MAP



USGS QUAD MAP:  
LEA

NOT TO SCALE

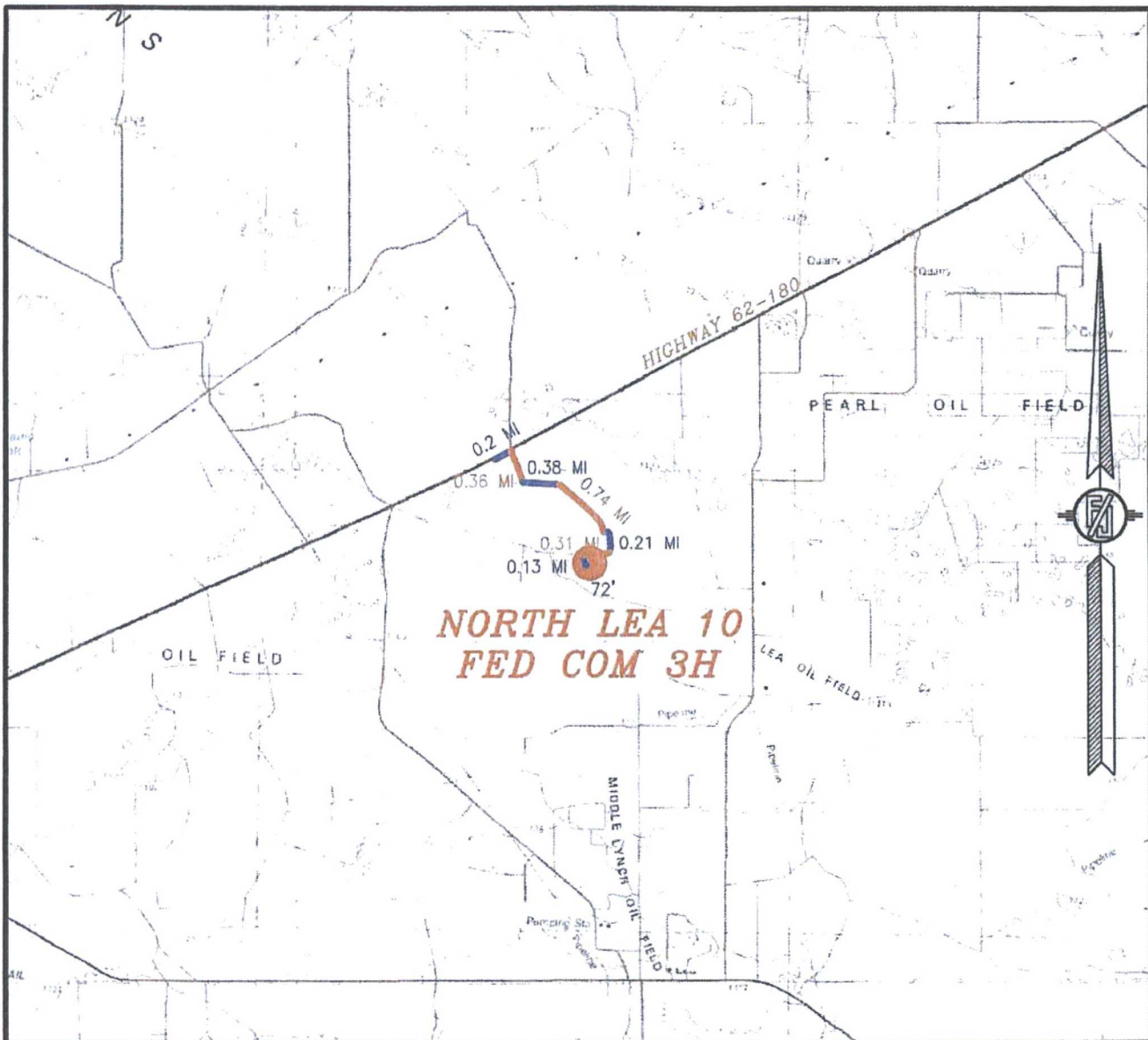
READ & STEVENS, INC.  
NORTH LEA 10 FED COM 3H  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1905A

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

SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

**DIRECTIONS TO LOCATION**

FROM MILE MARKER #78 ON HWY 62-180 GOING EAST APPROX. 0.2 OF A MILE TO A LEASE ROAD ON RIGHT (SOUTH) TURN SOUTH GO APPROX. 0.36 OF A MILE TO LEASE ROAD ON LEFT (EAST) TURN EAST GO APPROX. 0.38 OF A MILE ROAD TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.74 OF A MILE ROAD TURNS LEFT (EAST) & TURNS RIGHT (SOUTH) GO SOUTH APPROX. 0.21 OF A MILE TO A LEASE ROAD ON RIGHT (WEST) TURN WEST GO APPROX. 0.31 OF A MILE TO A LEASE ROAD ON LEFT (SOUTH) TURN SOUTH GO APPROX. 0.13 OF A MILE, TURN LEFT GO EAST 72' TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

**READ & STEVENS, INC.**  
**NORTH LEA 10 FED COM 3H**  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

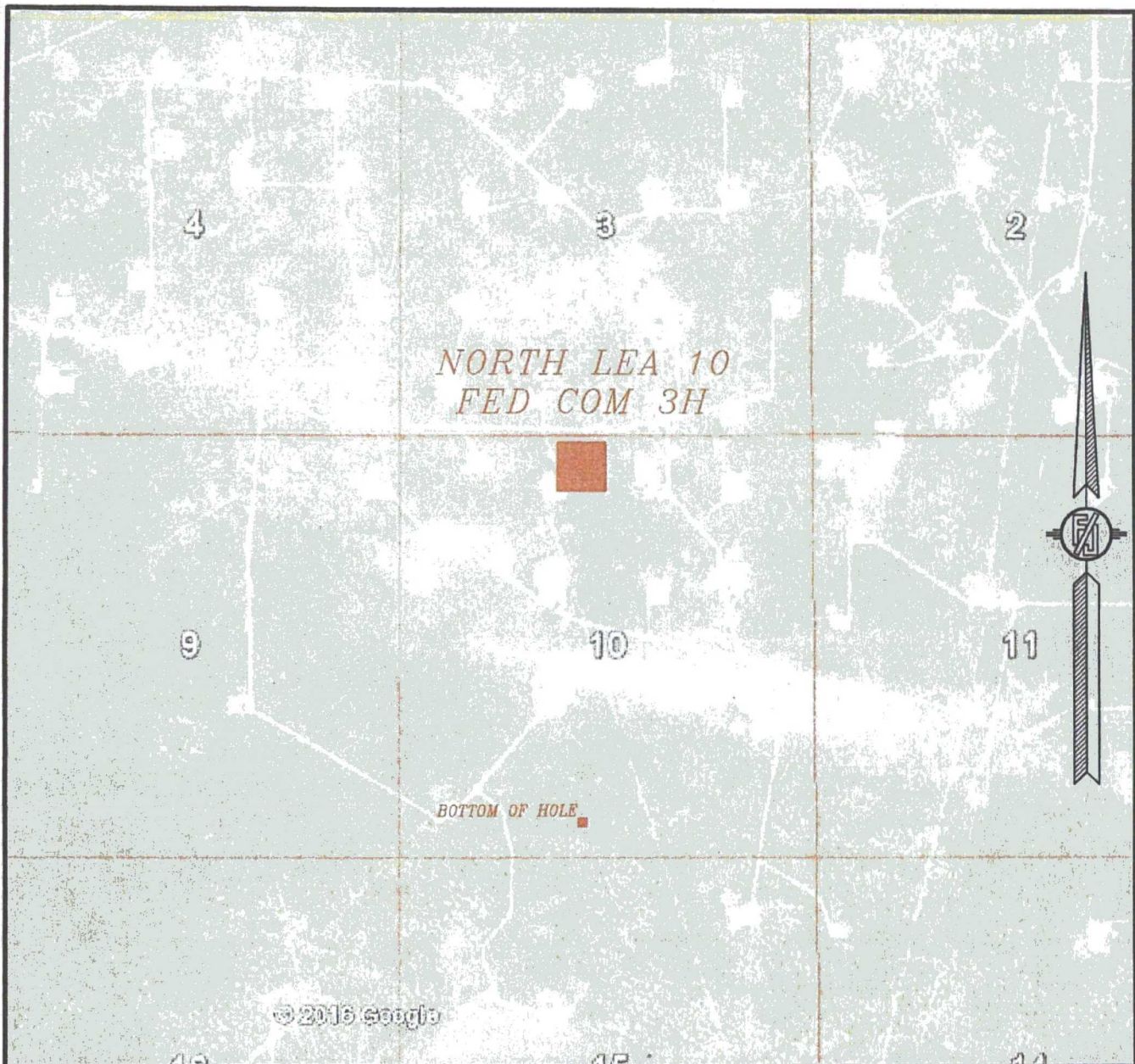
JULY 19, 2016

SURVEY NO. 1905A

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



SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
FEBRUARY 2014

READ & STEVENS, INC.  
NORTH LEA 10 FED COM 3H  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

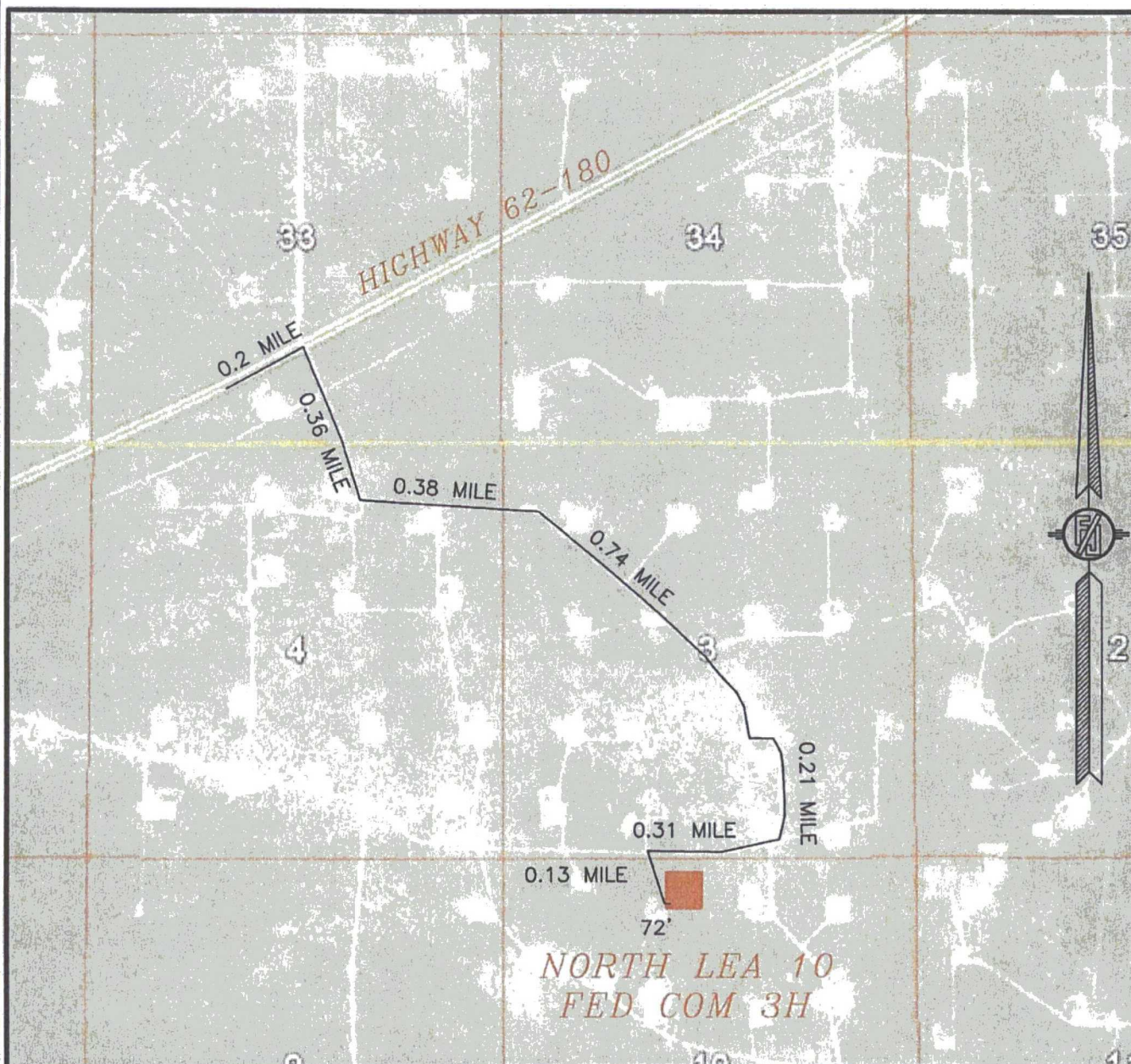
JULY 19, 2016

SURVEY NO. 1905A

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



SECTION 10, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
ACCESS AERIAL ROUTE MAP



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
FEBRUARY 2014

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 3H**  
LOCATED 420 FT. FROM THE NORTH LINE  
AND 2290 FT. FROM THE WEST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1905A

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



Green Circle with blue fill = bottom hole (BHL)



22.06.2016

