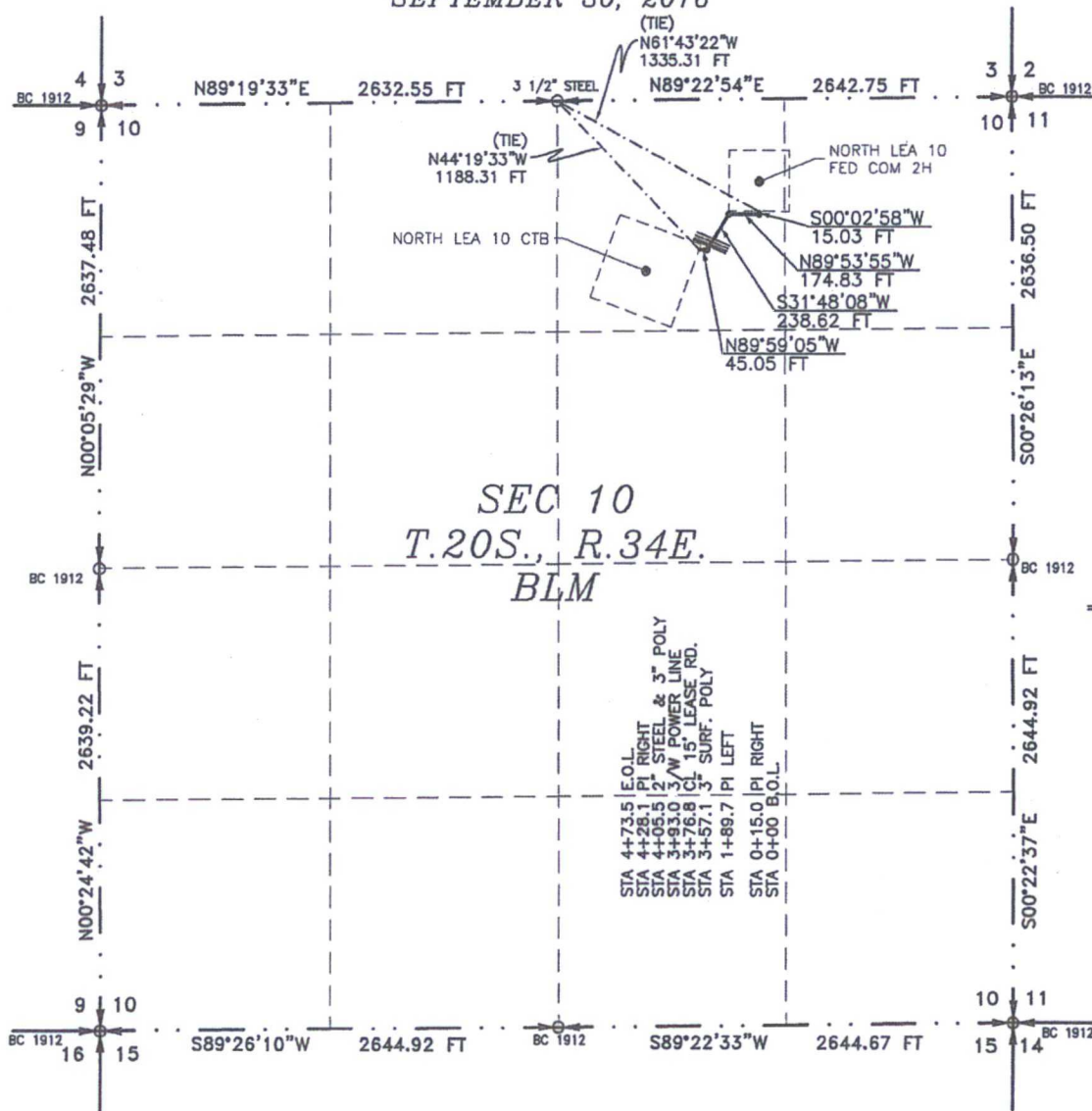


# FLOWLINE PLAT

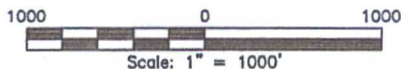
4" POLY FLOWLINE & A 4" POLY GAS LINE IN SAME EASEMENT FROM THE  
NORTH LEA 10 FED COM 2H TO THE NORTH LEA 10 CTB

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



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.

## 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 12th DAY OF OCTOBER 2016

FILIMON F. JARAMILLO, NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797

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

SURVEY NO. 4900

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

Handwritten signature and date: 10/26/2016

**FLOWLINE PLAT**

4" POLY FLOWLINE & A 4" POLY GAS LINE IN SAME EASEMENT FROM THE  
NORTH LEA 10 FED COM 2H 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 NW/4 NE/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 N61°43'22"W, A DISTANCE OF 1335.31 FEET;  
THENCE S00°02'58"W A DISTANCE OF 15.03 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°53'55"W A DISTANCE OF 174.83 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S31°48'08"W A DISTANCE OF 238.62 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°59'05"W A DISTANCE OF 45.05 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 N44°19'33"W, A DISTANCE OF 1188.31 FEET;

SAID STRIP OF LAND BEING 473.53 FEET OR 28.70 RODS IN LENGTH, CONTAINING 0.326 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NE/4 473.53 L.F. 28.70 RODS 0.326 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.** 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

**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 OCTOBER 2016

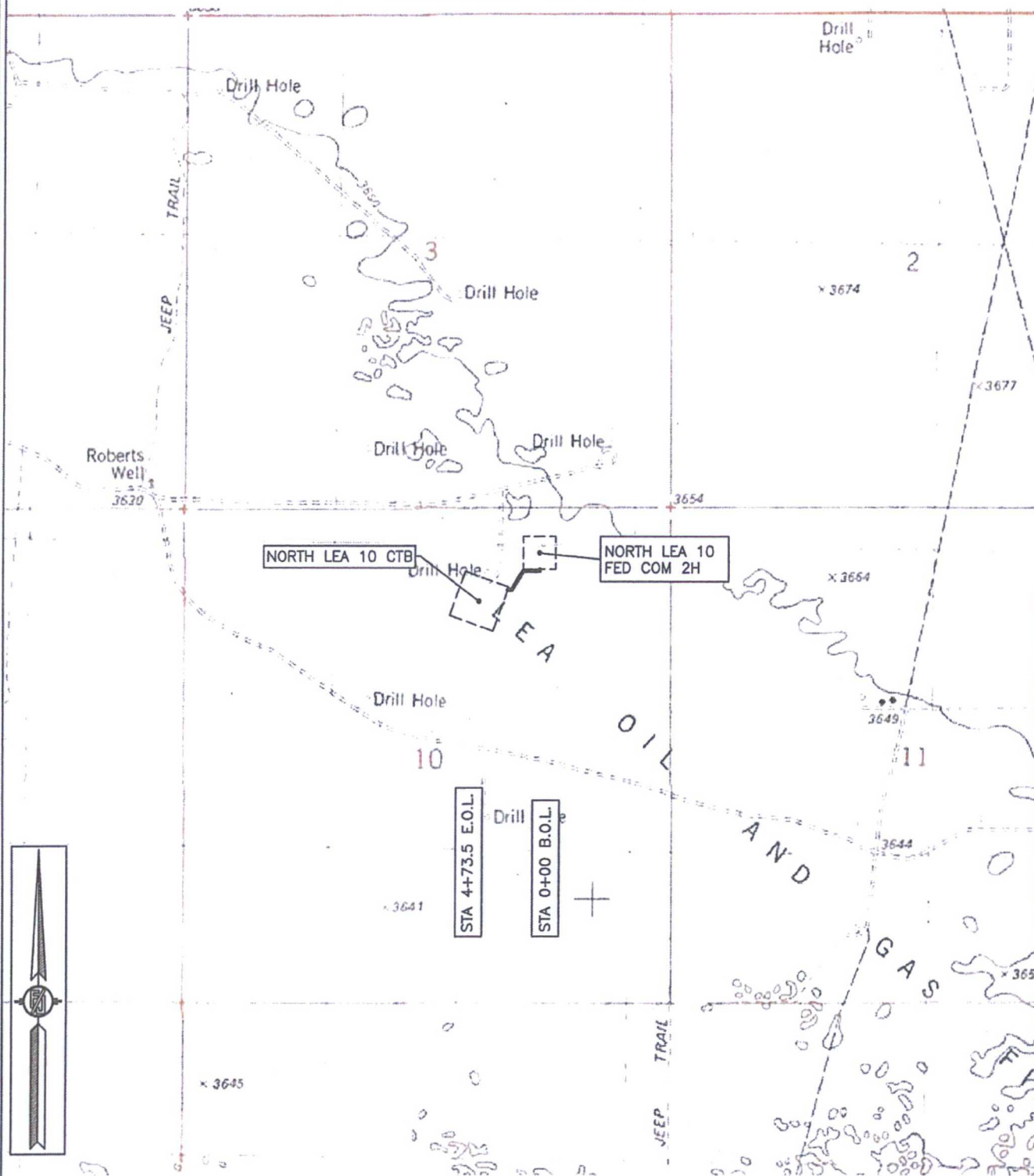
*Filmon F. Jaramillo*  
FILMON F. JARAMILLO, PLS. 12797  
MADRON SURVEYING, INC.  
301 SOUTH CANAL  
CARLSBAD, NEW MEXICO 88220  
Phone (575) 234-3341

**SURVEY NO. 4900**



4" POLY FLOWLINE & A 4" POLY GAS LINE IN SAME EASEMENT FROM THE  
NORTH LEA 10 FED COM 2H 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



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

*SURVEY NO. 4900*

301 SOUTH CANAL  
(575) 234-3341

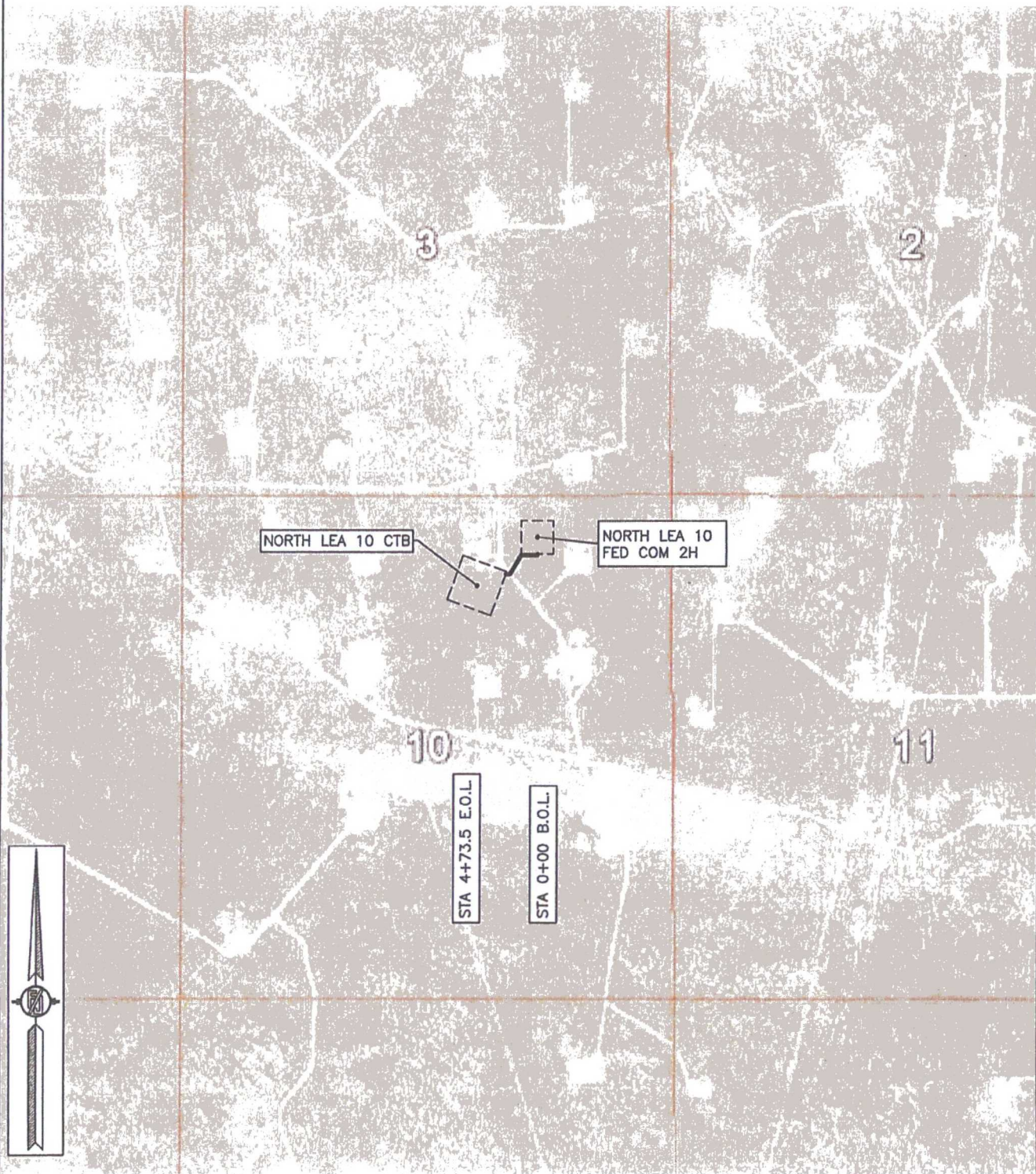


**FLOWLINE PLAT**

4" POLY FLOWLINE & A 4" POLY GAS LINE IN SAME EASEMENT FROM THE  
NORTH LEA 10 FED COM 2H 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

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

SURVEY NO. 4900

CARLSBAD, NEW MEXICO



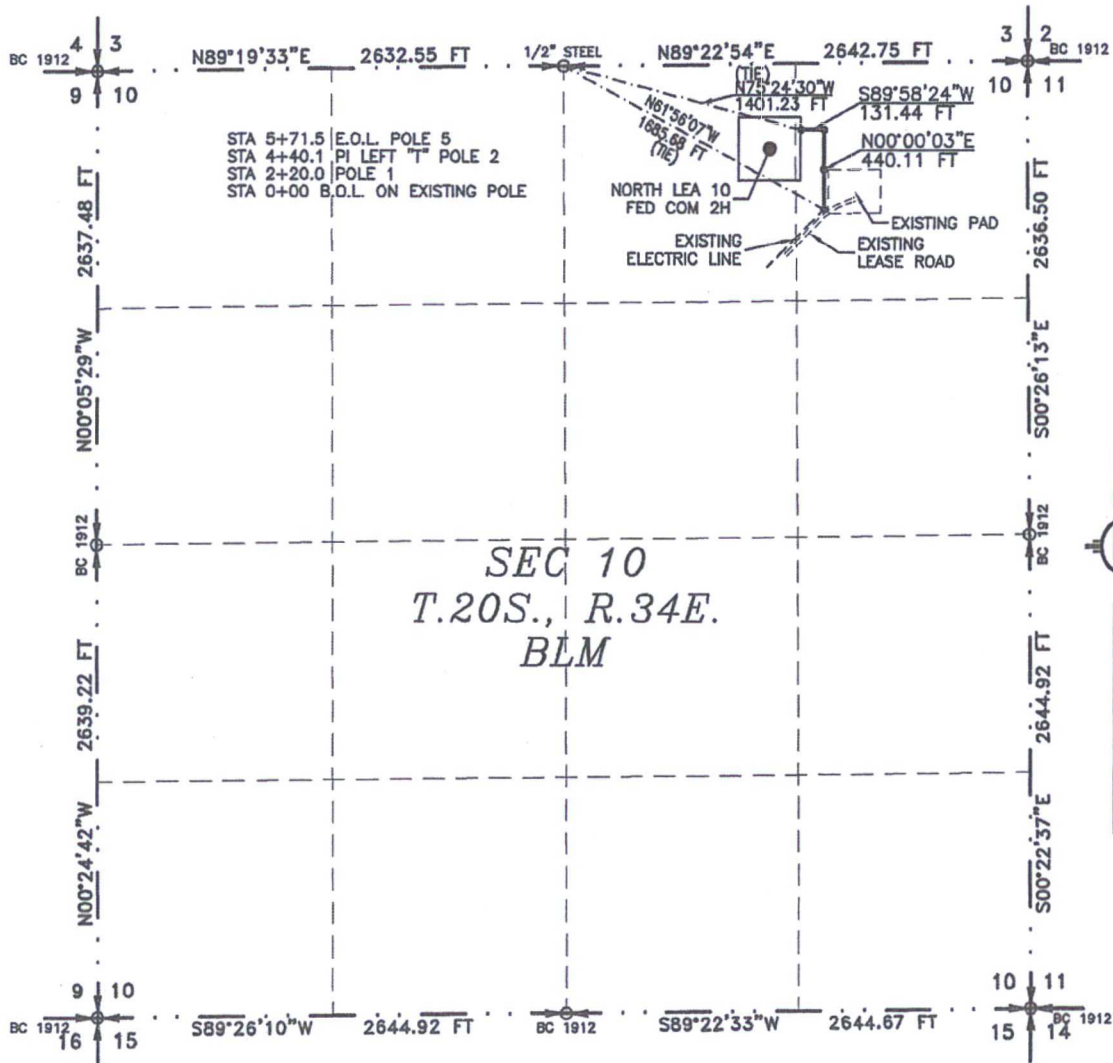
# ELECTRIC LINE PLAT

ELECTRIC LINE FROM AN EXISTING ELECTRIC LINE POLE TO NORTH LEA 10 FED COM 2H

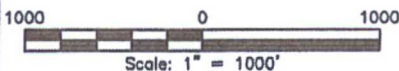
READ & STEVENS, INC.

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 4, 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 (575) 234-3341 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 04 DAY OF OCTOBER 2016.

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

SURVEY NO. 4901

2709042016

## ELECTRIC LINE PLAT

ELECTRIC LINE FROM AN EXISTING ELECTRIC LINE POLE TO NORTH LEA 10 FED COM 2H

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 4, 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 NE/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 N61°56'07"W, A DISTANCE OF 1685.68 FEET;  
THENCE N00°00'03"E A DISTANCE OF 440.11 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S89°58'24"W A DISTANCE OF 131.44 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 N75°24'30"W, A DISTANCE OF 1401.23 FEET;

SAID STRIP OF LAND BEING 571.55 FEET OR 34.64 RODS IN LENGTH, CONTAINING 0.394 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 NE/4    571.55 L.F.    34.64 RODS    0.394 ACRES

### SURVEYOR CERTIFICATE

#### 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.

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 12 DAY OF OCTOBER 2016

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

SHEET: 2-4

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SURVEY NO. 4901

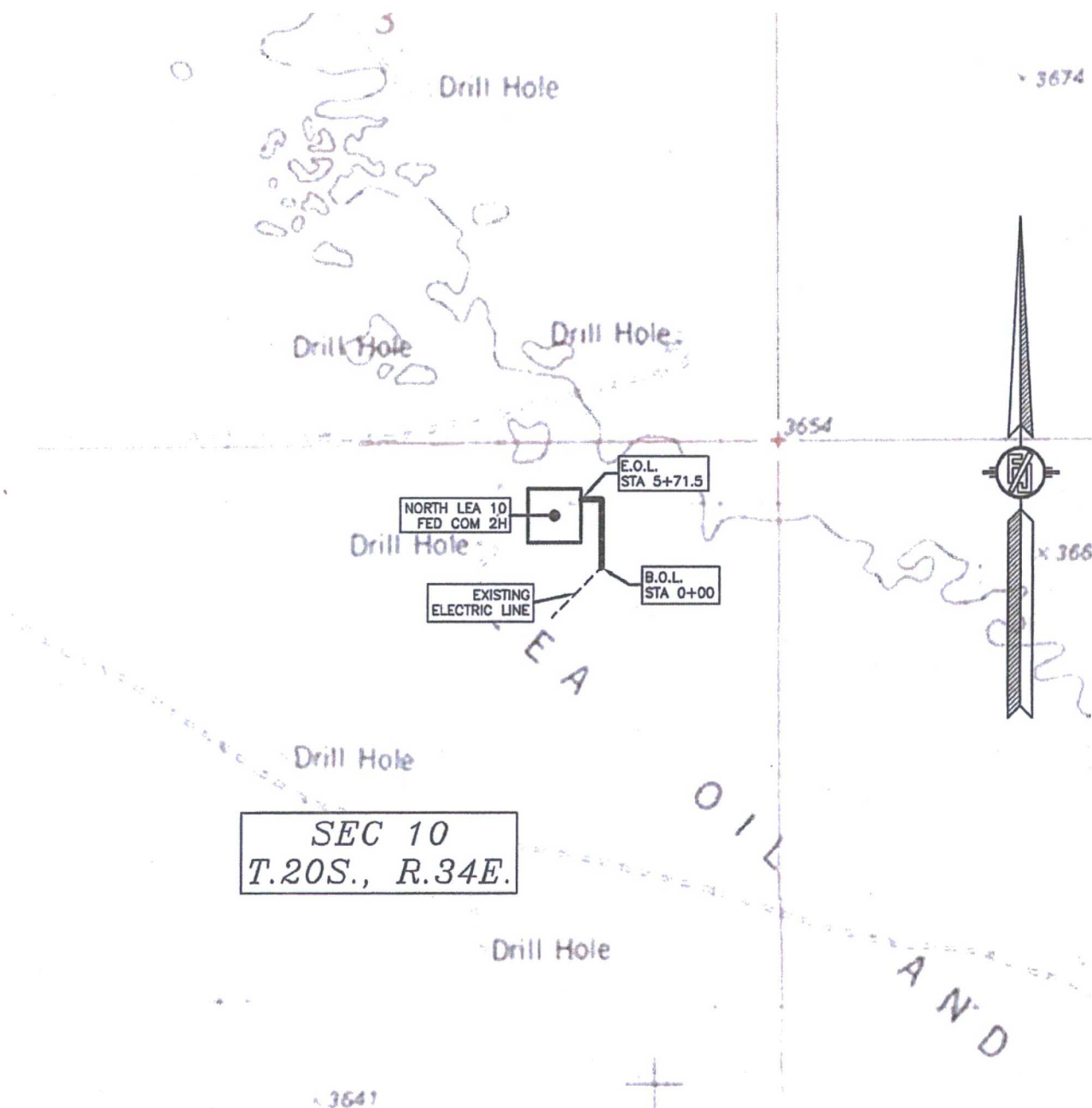


**ELECTRIC LINE PLAT**

ELECTRIC LINE FROM AN EXISTING ELECTRIC LINE POLE TO NORTH LEA 10 FED COM 2H

**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 4, 2016



SHEET: 3-4

MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

SURVEY NO. 4901  
CARLSBAD, NEW MEXICO

**ELECTRIC LINE PLAT**

ELECTRIC LINE FROM AN EXISTING ELECTRIC LINE POLE TO NORTH LEA 10 FED COM 2H

**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 4, 2016



SHEET: 4-4

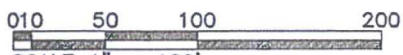
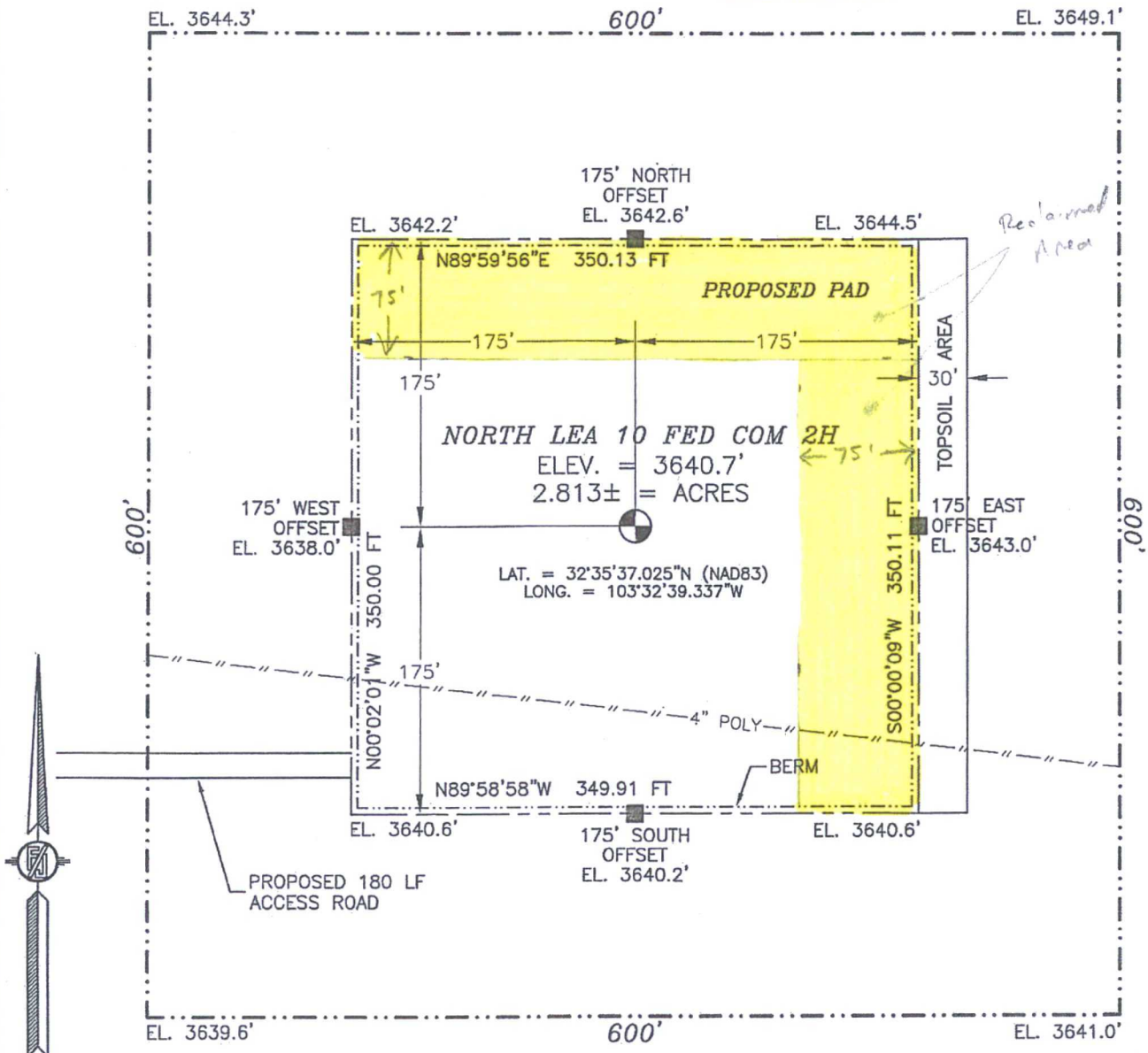
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 4901



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. 0.38 OF A MILE TO ROAD LATH ON LEFT (EAST) SIDE OF ROAD, TURN LEFT GO EAST 180° TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

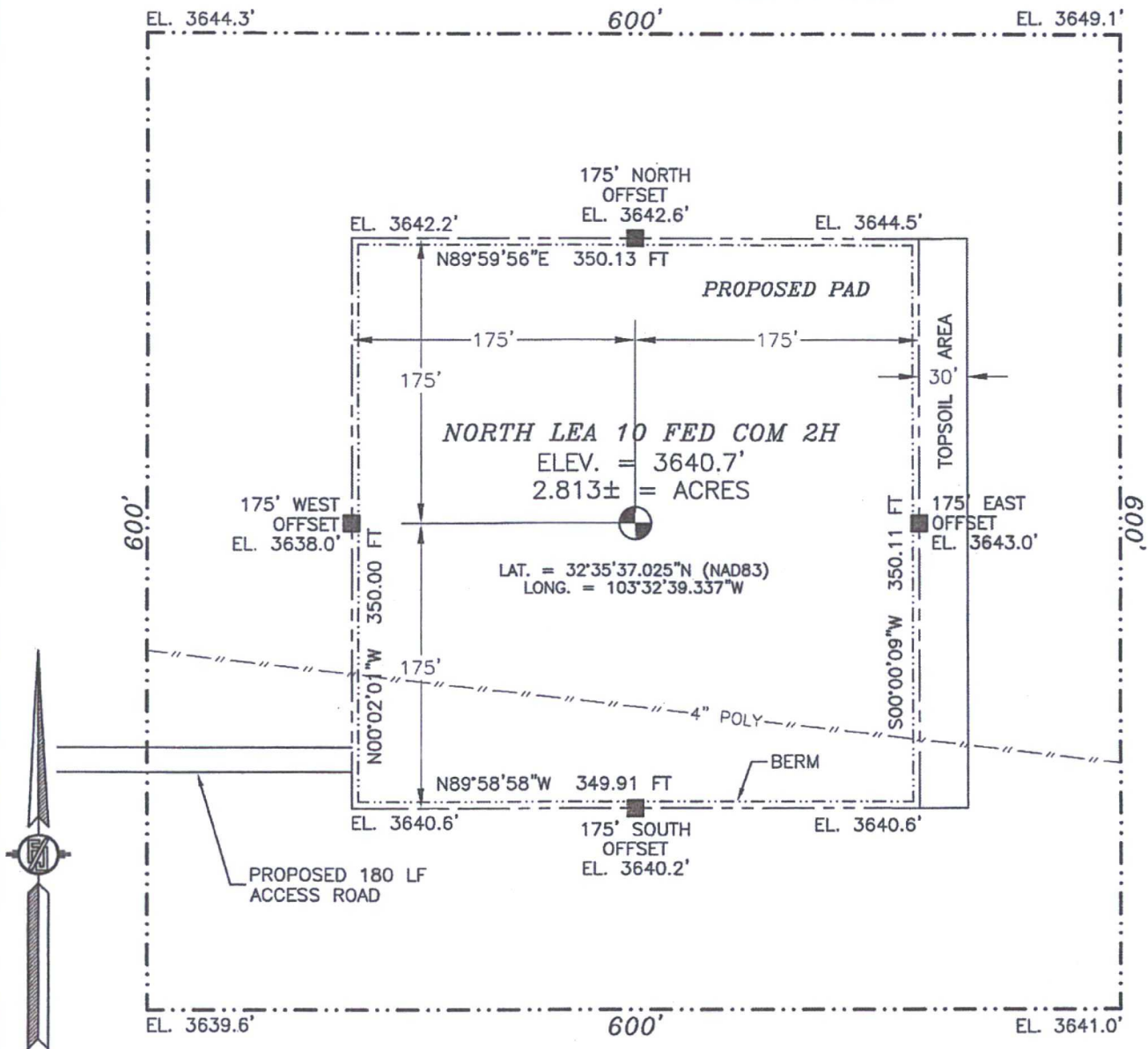
SURVEY NO. 1904A

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

*Handwritten signature and date: 27 Oct 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



0 10 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. 0.38 OF A MILE TO ROAD LATH ON LEFT (EAST) SIDE OF ROAD, TURN LEFT GO EAST 180° TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST 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. 1904A

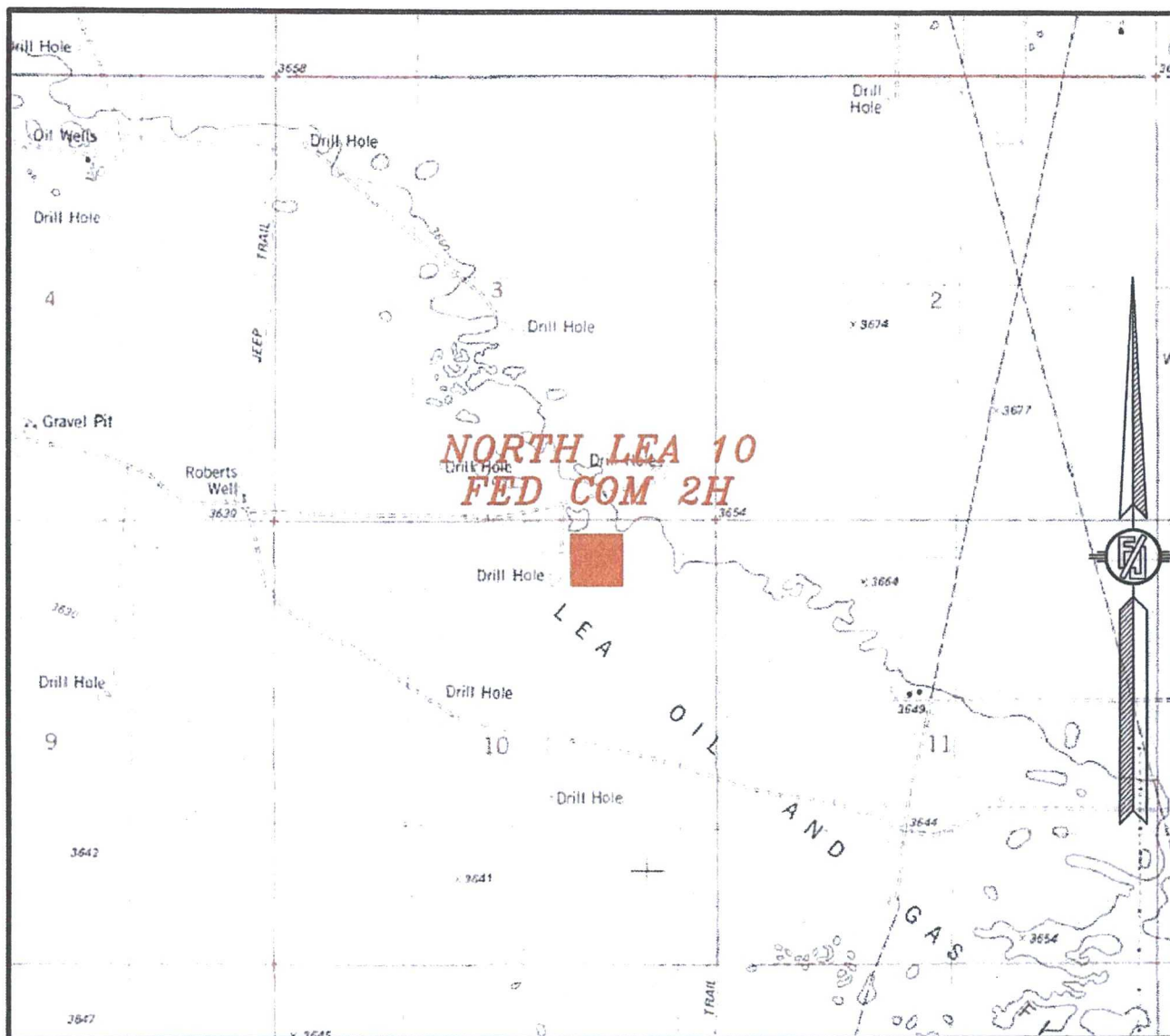
MADRON SURVEYING, INC.

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

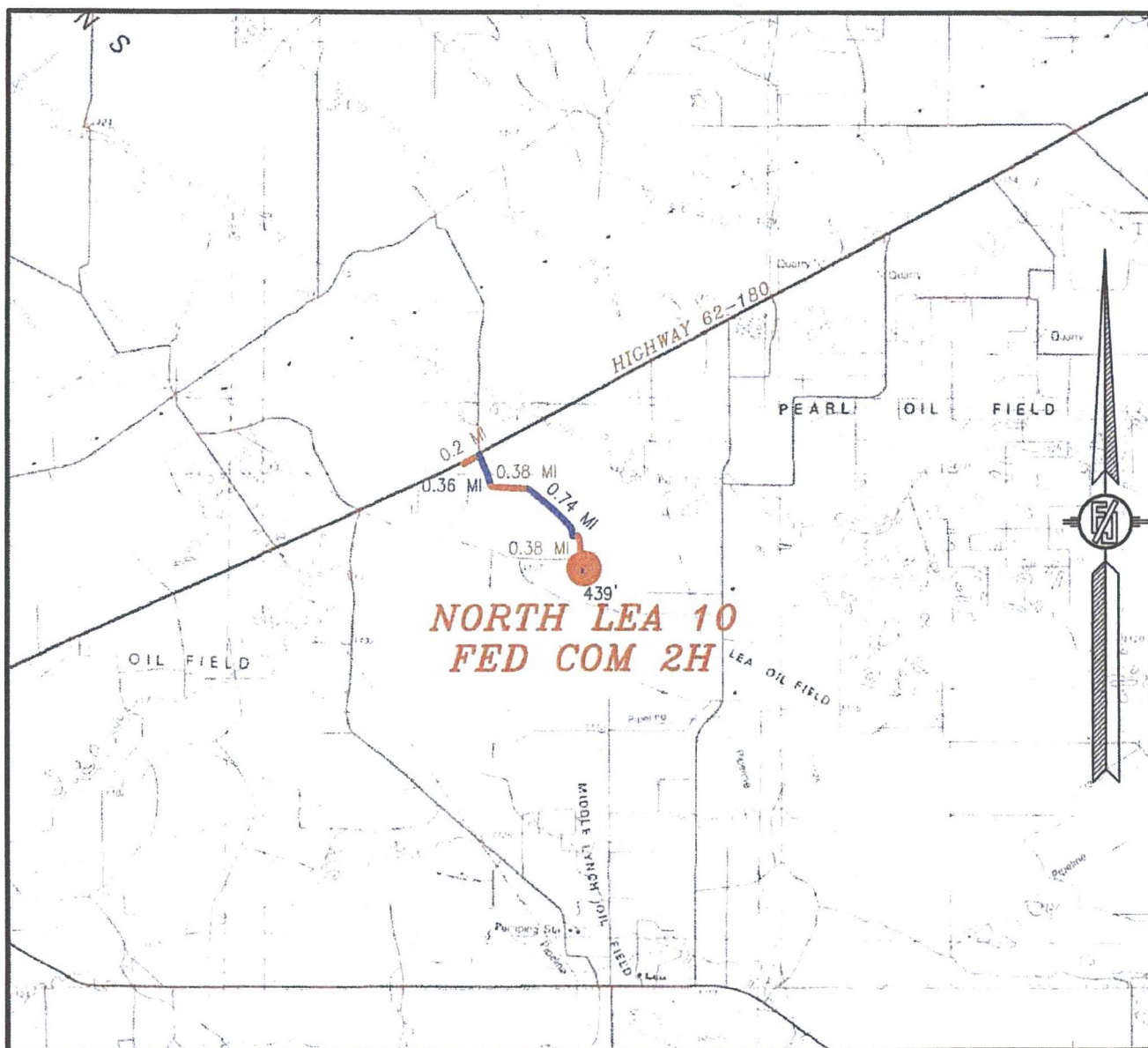
READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1904A

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  
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. 0.38 OF A MILE TO ROAD LATH ON LEFT (EAST) SIDE OF ROAD, TURN LEFT GO EAST 180° TO THE SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST 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. 1904A

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  
AERIAL PHOTO



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
FEBRUARY 2014

READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

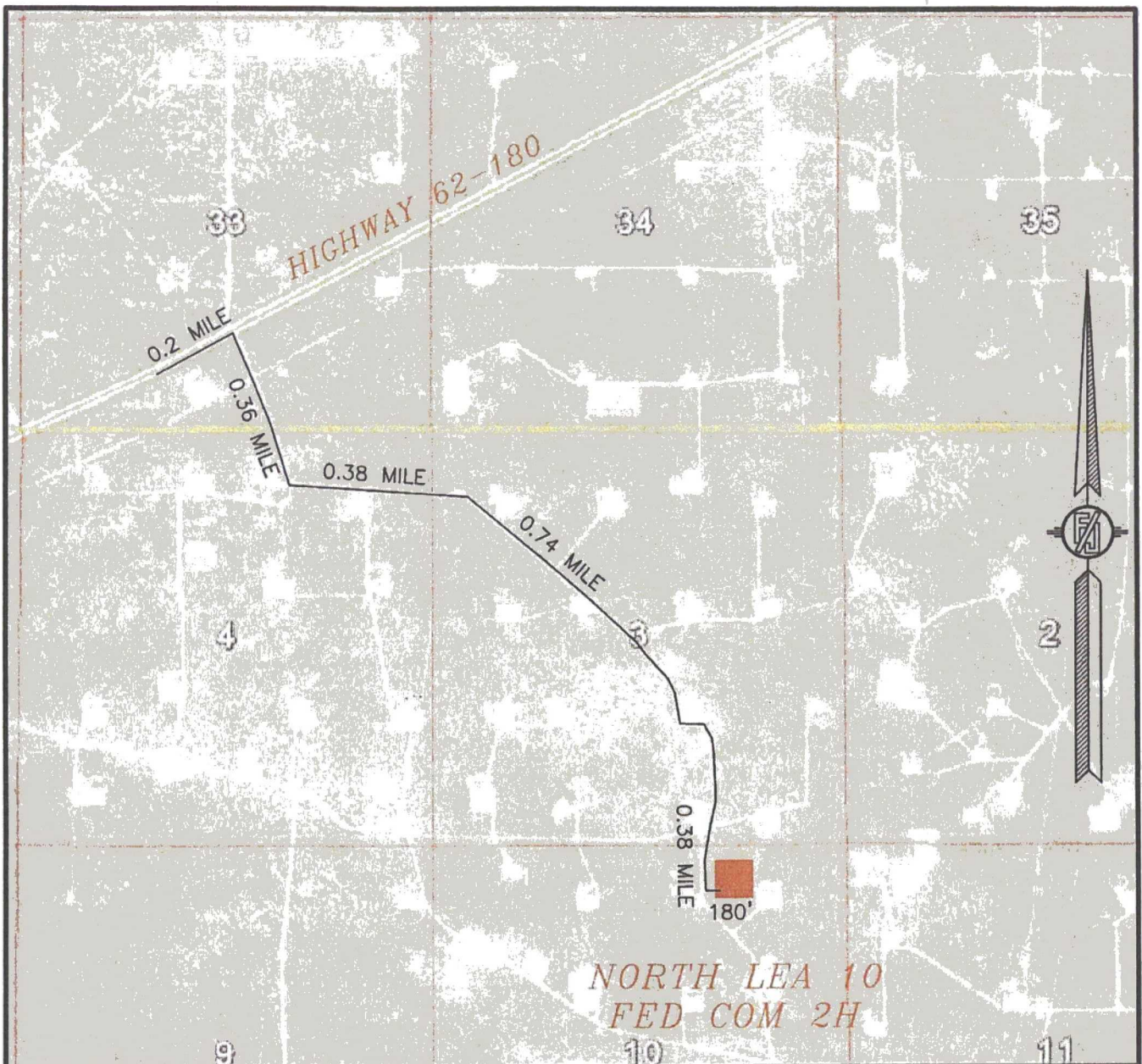
JULY 19, 2016

SURVEY NO. 1904A

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

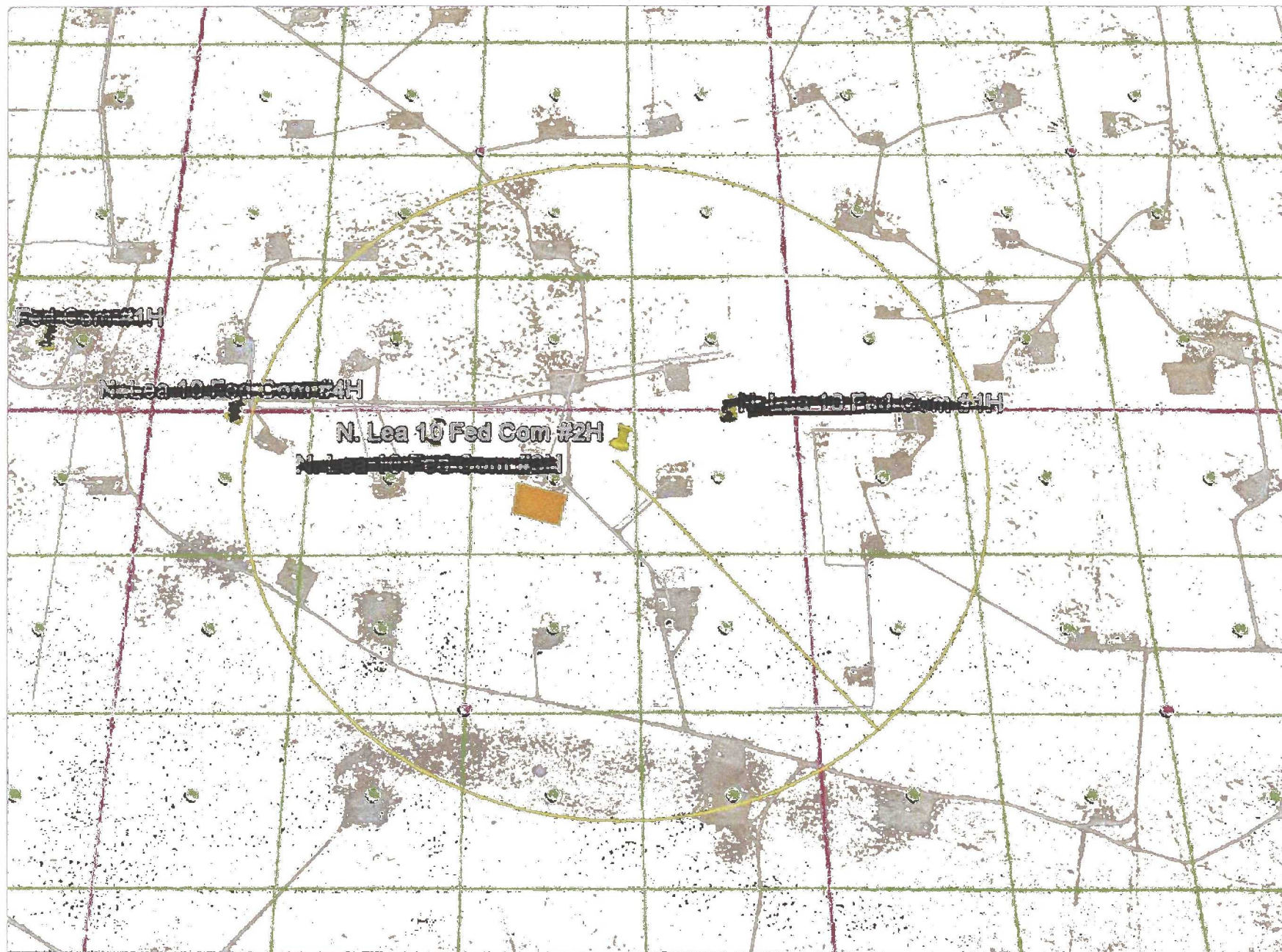
READ & STEVENS, INC.  
**NORTH LEA 10 FED COM 2H**  
LOCATED 470 FT. FROM THE NORTH LINE  
AND 1470 FT. FROM THE EAST LINE OF  
SECTION 10, TOWNSHIP 20 SOUTH,  
RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

JULY 19, 2016

SURVEY NO. 1904A

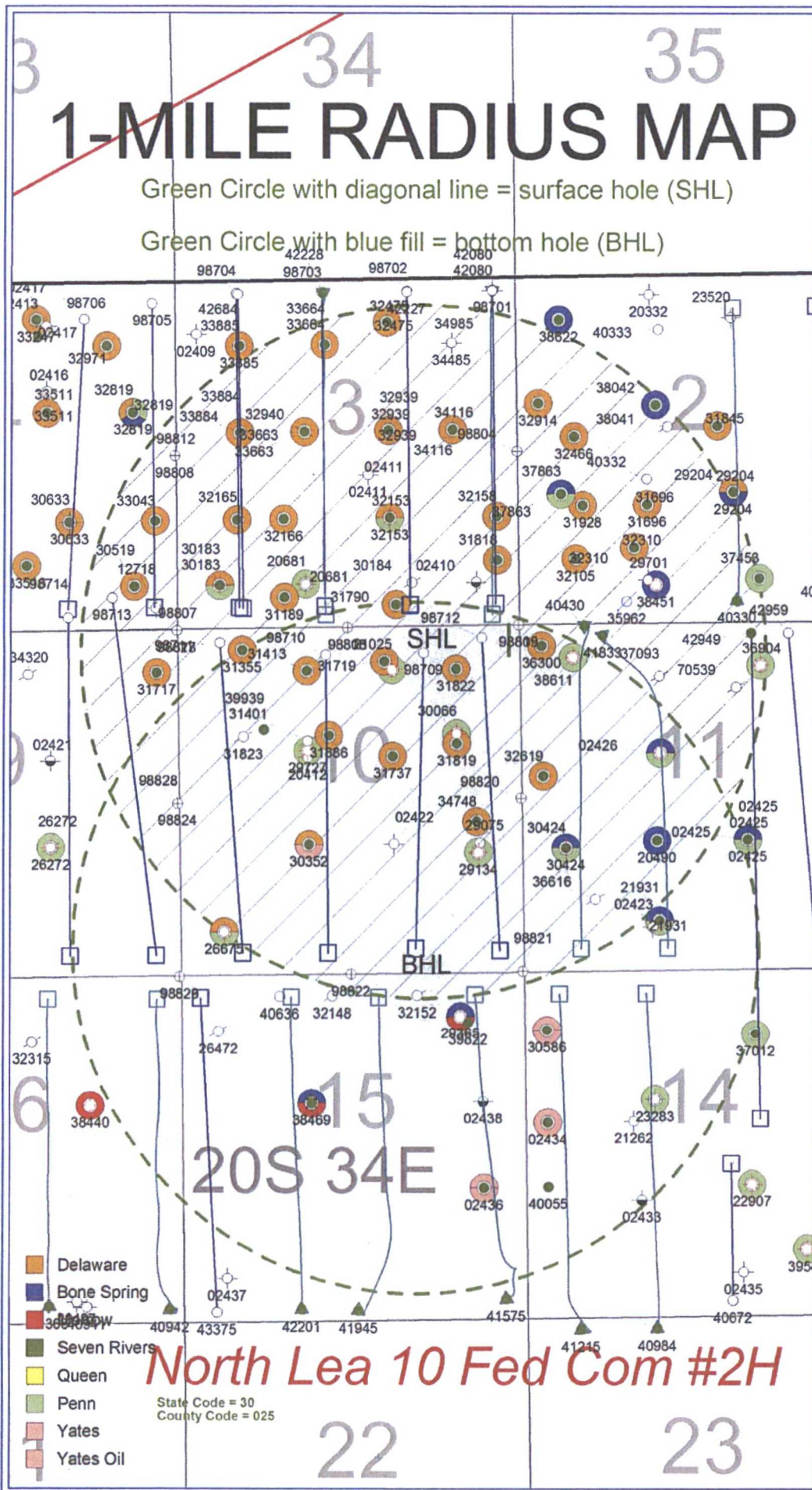
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO





3000' RoE





*Handwritten signature and date: 2-2-78*