District 1
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: (573) 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 DP. BBS OCT

Santa Fe, NM 87505 DEC 27 2016

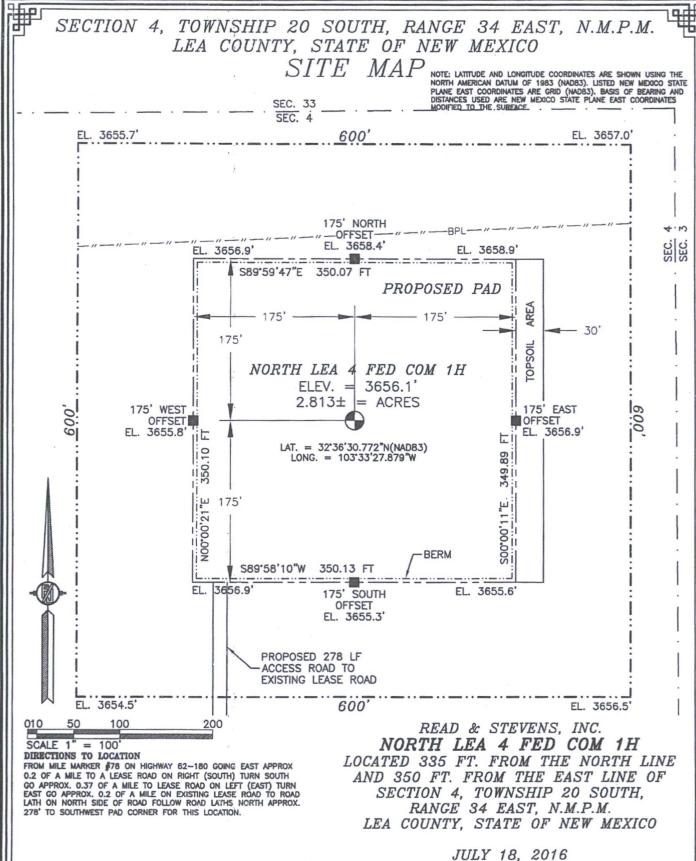
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT											
API Number				<sup>2</sup> Pool Code		QUIL RIDGE; BONE GPR					
30-029-43511				504	61 2	UIC KIDGE	BOVE	SPR	126	SOUTH	
* Property Code			<sup>5</sup> Property Name						<sup>6</sup> Well Number		
713886			NORTH LEA 4 FED COM						1H		
OGRID No.			<sup>8</sup> Operator Name						' Elevation		
18917				READ & STEVENS, INC.						3656.1	
10 Surface Location											
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/W	est line	County	
A1	4	20 S	34 E	1	335	NORTH	350	EA	ST	LEA	
" 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/W	est line	County	
P	4	20 S	34E		330	SOUTH	350	EAST		LEA	
12 Dedicated Acres	Joint o	r Infill	Consolidation	Code 15 (	Order No.						
1/0 80	7			1							

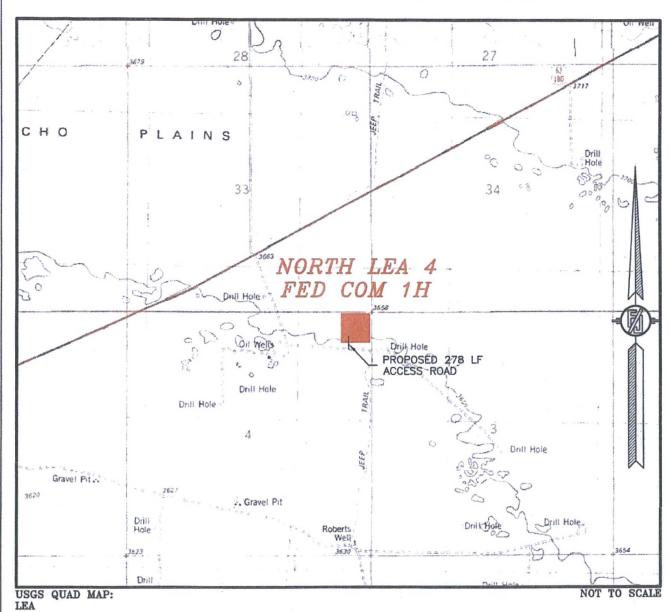
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	N89'30'46"E  NW CORNER SEC. 4  LAT. = 32'36'33.983"N  LONG. = 103'34'25.692"W	2654.31 FT N89'24'37"E 2642.22 FT  N QUARTER CORNER SEC. 4 NE CORNER SEC. 4  LAT. = 32'36'34.018"N LAT. = 32'36'34.097"N  LONG. = 103'33'54.668"wLONG. = 103'30'23.785"W 350'	I OPERATOR CERTIFICATION  I hereby certify that the information contained herein is true and complete to the best of my knowledge and helief, 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
N00'15'55"W 2638.56 FT	LOT 4	NORTH LEA 4 FED COM 1H   SELEV. = 3656.1'   LAT. = 32'36'30.77 193"N(NAD83)   LONG. = 103'33'27.87854"W	voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.    Signature   Date
2635.45 FT	<u>W/4_CQRNER_SEC_4</u> LAT. = 32'36'07.880"N LONG. = 103'34'25.770"W	NOTE: LATTUDE 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 AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE.	E-mail Address  ISURVEYOR 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.  JULY 18, 2016
N00.01,48,M	SW CORNER SEC. 4 LAT. = 32'35'41.808"N LONG. = 103'34'25.919"W S89'53'33'W	BOTTOM OF HOLE BOTTOM  LAT. = 32'35'44.776"N OF HOLE  LONG. = 103'33'27.922"W  S QUARTER CORNER SEC. 4 SE CORNER SEC. 4 350'  LAT. = 32'35'41.669"N LAT. = 32'35'41.520"N  LONG. = 103'33'54.923"W LONG. = 103'B3'23.804"W	Signature and Sear of Professionat Survey  Certificate Number: FILEMON-PTARAMILLO, PLS 12797  SURVEY NO. 1894A



SURVEY NO. 1894A

## SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO LOCATION VERIFICATION MAP



READ & STEVENS, INC.

NORTH LEA 4 FED COM 1H

LOCATED 335 FT. FROM THE NORTH LINE
AND 350 FT. FROM THE EAST LINE OF

SECTION 4, TOWNSHIP 20 SOUTH,

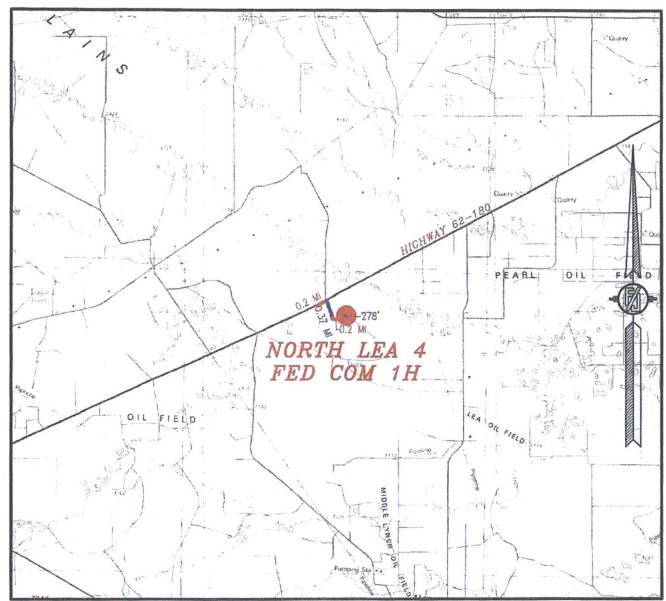
RANGE 34 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

JULY 18, 2016

SURVEY NO. 1894A

### SECTION 4, 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 HIGHWAY 62-180 GOING EAST APPROX
0.2 OF A MILE TO A LEASE ROAD ON RIGHT (SOUTH) TURN SOUTH
GO APPROX. 0.37 OF A MILE TO LEASE ROAD ON LEFT (EAST) TURN
EAST GO APPROX. 0.2 OF A MILE ON EXISTING LEASE ROAD TO ROAD
LATH ON NORTH SIDE OF ROAD FOLLOW ROAD LATHS NORTH APPROX.
278' TO SOUTHWEST PAD CORNER FOR THIS LOCATION.

READ & STEVENS, INC.

NORTH LEA 4 FED COM 1H

LOCATED 335 FT. FROM THE NORTH LINE
AND 350 FT. FROM THE EAST LINE OF
SECTION 4, TOWNSHIP 20 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JULY 18, 2016

SURVEY NO. 1894A

# SECTION 4, 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 4 FED COM 1H

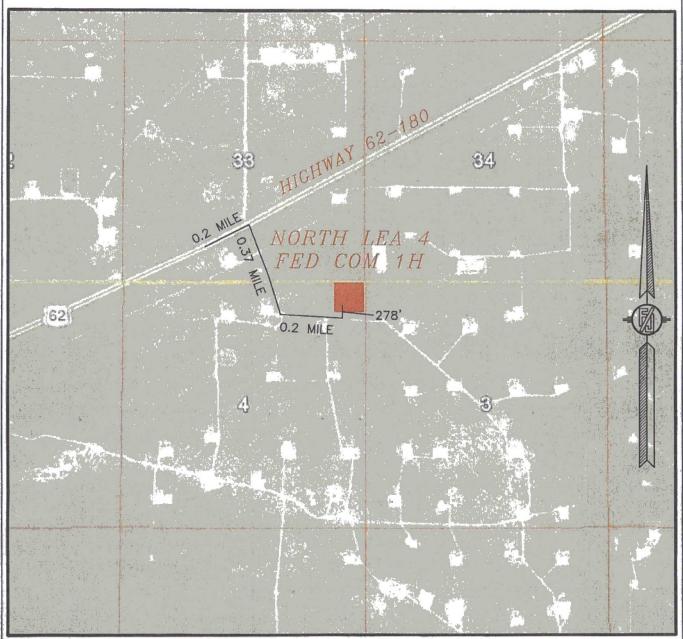
LOCATED 335 FT. FROM THE NORTH LINE
AND 350 FT. FROM THE EAST LINE OF
SECTION 4, TOWNSHIP 20 SOUTH,
RANGE 34 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

JULY 18, 2016

SURVEY NO. 1894A

# SECTION 4, 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.

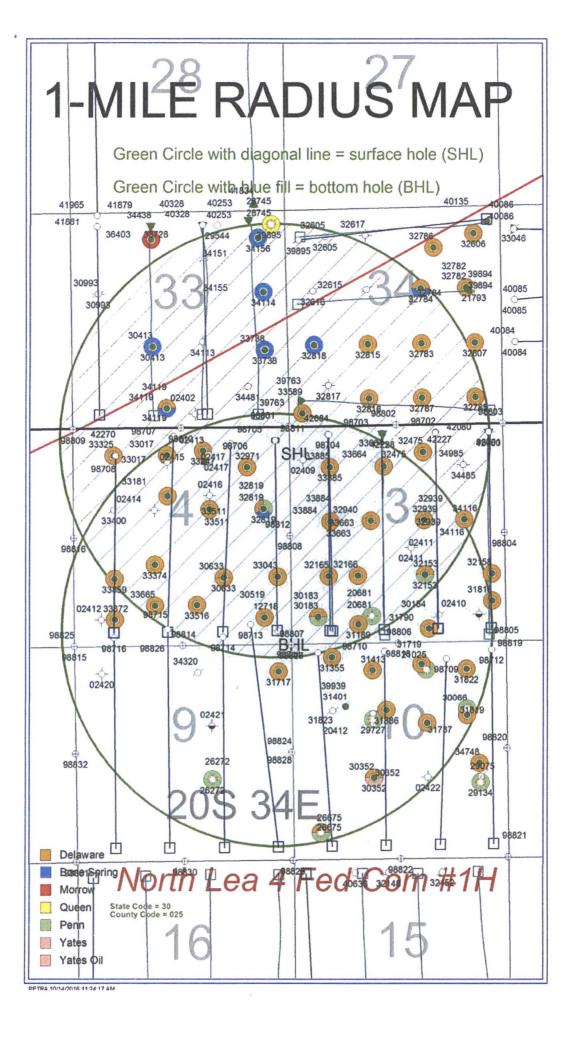
NORTH LEA 4 FED COM 1H

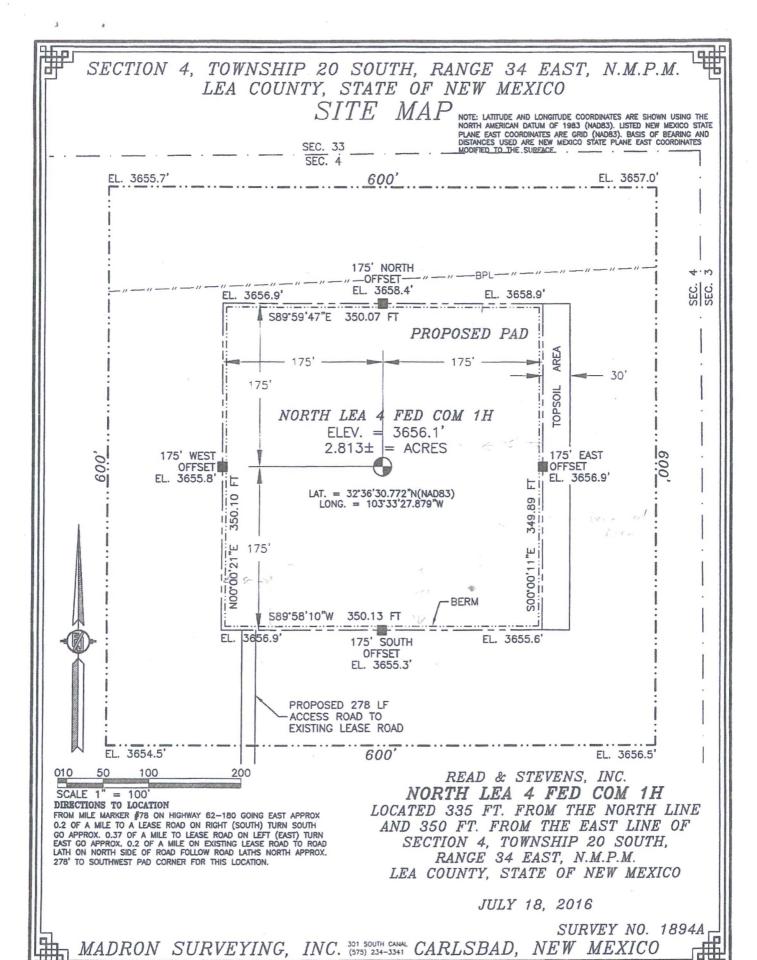
LOCATED 335 FT. FROM THE NORTH LINE
AND 350 FT. FROM THE EAST LINE OF
SECTION 4, TOWNSHIP 20 SOUTH,
RANGE 34 EAST, N.M.P.M.

LEA COUNTY, STATE OF NEW MEXICO

JULY 18, 2016

SURVEY NO. 1894A FW MEXICO





3/L 4100 2016

F FLOWLINE PLAT RIGHT-OF-WAY FOR TWO 4" SURFACE POLY LINES (1-PRODUCTION & 1-GAS) FROM THE NORTH LEA 4 FED COM 1H TO THE NORTH LEA 4 FED COM 3H CTB READ & STEVENS, INC. CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SEPTEMBER 23, 2016 (TIE) N10°06'05"E 783.47 FT 32 33 2642.22 FT BC 1912 N89°24'37"E N89°30'46"E 2654.31 FT LOT 2 LOT 1 LOT 4 LOT 3 3 5 1 NORTH LEA 4 FED COM 1H (TIE) NORTH LEA 4 FED COM 3H CTB N45'30'27"E \$00.00'02"E 310.09 FT EXIST. LEASE ROAD 732.97 FT L L 00 2638.56 2657. BLMN00\*15'55"W 500.23.00 SEC 4 T.20S., R.34E BC 1912 BC 1912 LEASE RO. S S NE CE POWER UN W POWER UN 20° LE L RIGHT, 20' L 45 **₹28** CL 20 ಹರಹಹ 27+80.2 27+46.5 27+18.5 27+05.0 18+70.9 18+36.1 17+27.8 15+56.4 10+04.0 6+30.7 3+10.1 2+90.4 0+00 B. STA STA STA STA STA STA STA N00-07'49"W \$00.25,02 FEE5 10<sup>BC</sup> 1912 BC 1912 S89°54'26"W 2662.81 FT S89°53'33"W 2652.42 FT 8 SEE NEXT SHEET (2-4) FOR DESCRIPTION 1000 1000 SURVEYOR CERTIFICATE . = 1000 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. GENERAL NOTES 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT. IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, E SEPTEMBER 2016 2.) BASIS OF BEARING IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 NEW MEXICO. THIS ADRON SURVEYING, INC. (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY. ARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

INC. (575) (34-554)

SURVEY NO. 4911

NEW MEXICO

SHEET: 1-4

*MADRON SURVEYING* 

#### FLOWLINE PLAT

RIGHT-OF-WAY FOR TWO 4" SURFACE POLY LINES (1-PRODUCTION & 1-GAS) FROM THE NORTH LEA 4 FED COM 1H TO THE NORTH LEA 4 FED COM 3H CTB

READ & STEVENS, INC. CENTERLINE SURVEY OF A PIPELINE CROSSING SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SEPTEMBER 23, 2016

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 4, 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 LOT 1 OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N45'30'27"E, A DISTANCE OF 732.97 FEET; THENCE S00'00'02"E A DISTANCE OF 310.09 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N87'34'53"W A DISTANCE OF 693.87 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N89'59'41"W A DISTANCE OF 552.44 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S21'55'20"W A DISTANCE OF 171.37 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE S70'32'35"W A DISTANCE OF 143.15 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED; THENCE N81'08'33"W A DISTANCE OF 834.10 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
THENCE N09'19'13"E A DISTANCE OF 75.13 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N10'06'05"E, A DISTANCE OF 783.47 FEET;

SAID STRIP OF LAND BEING 2780.15 FEET OR 168.49 RODS IN LENGTH, CONTAINING 1.915 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

1105.07 L.F. 66.97 RODS 0.761 ACRES 1445.84 L.F. 87.63 RODS 229.24 L.F. 13.89 RODS LOT 2 0.996 ACRES 0.158 ACRES

#### SURVEYOR CERTIFICATE

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

2.) BASIS OF BEARING IS NMSP EAST (NAD83) MÓDIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-4

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.

WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD.

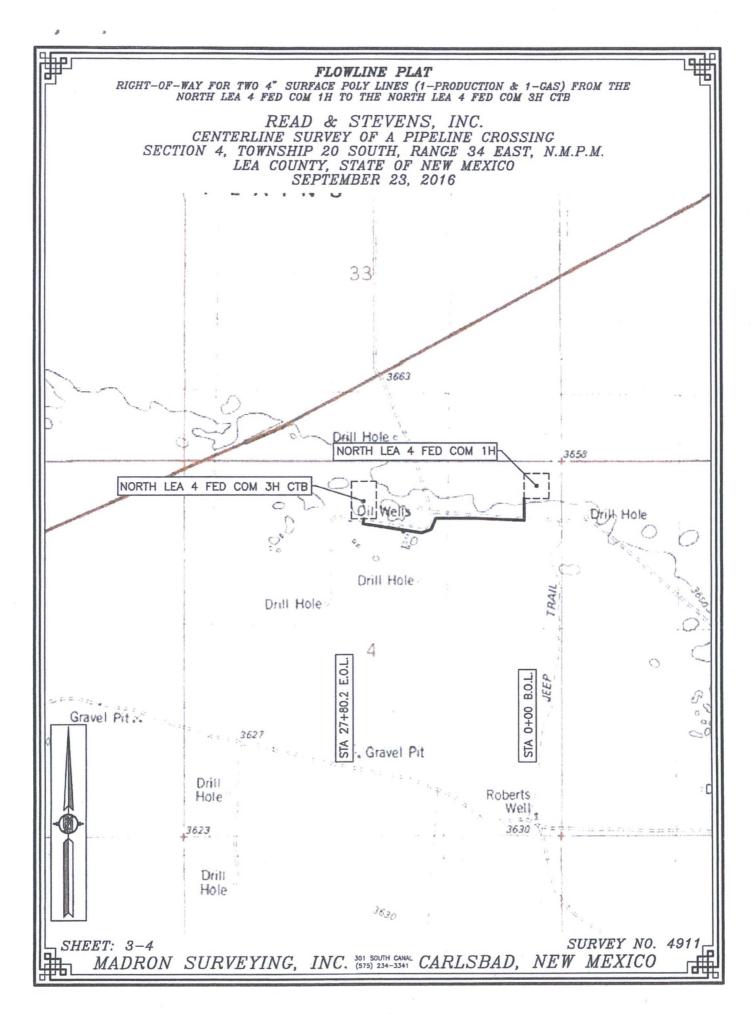
DAY OF SEPTEMBER 2016

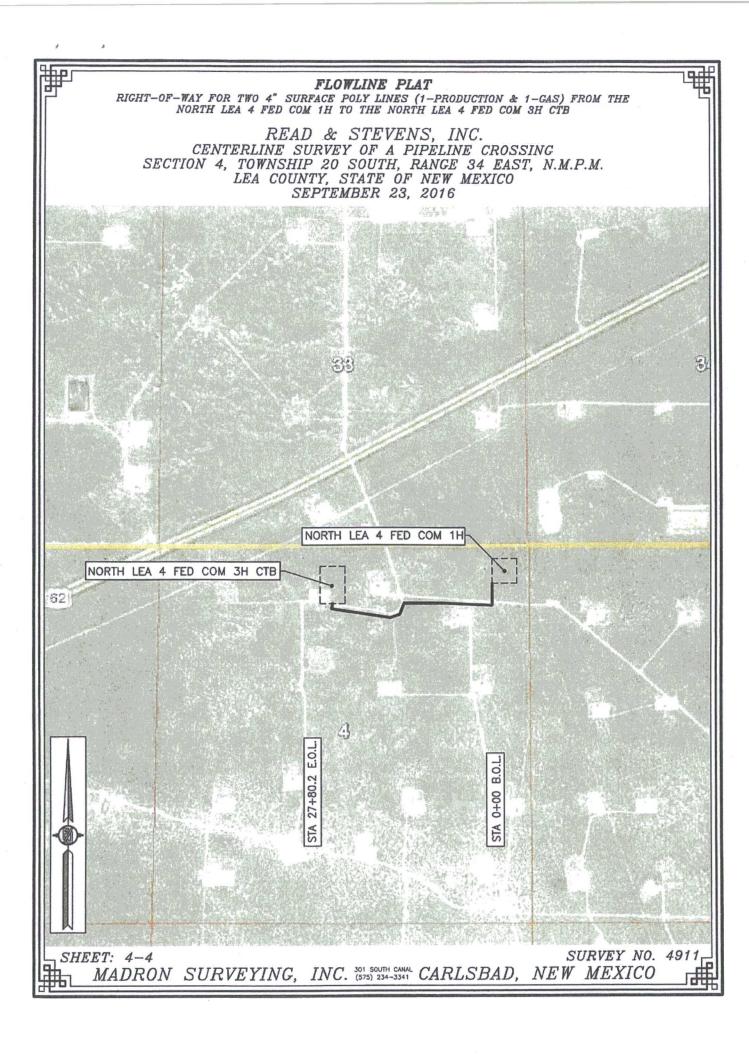
AMADRON SURVEYING, INC. IN WITNESS

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

SURVEY NO. 4911

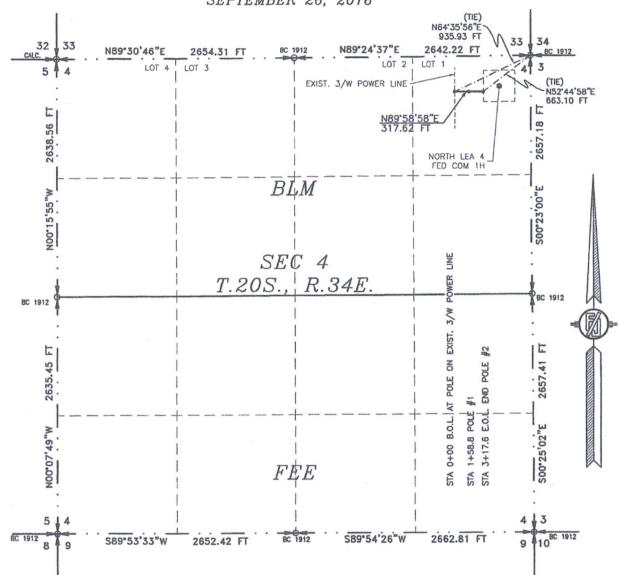
INC 301 SOUTH CANAL (575) 234-334 × CARLSBAD



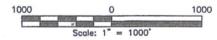


#### ELECTRIC LINE PLAT ELECTRIC LINE TO CONNECT THE NORTH LEA 4 FED COM 1H

READ & STEVENS, INC. CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SEPTEMBER 26, 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 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,* 

#### 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,
MEXICO, THIS DAY OF SEPTEMBER 2016

NEW MEXICO, THIS

MORON SURVEYING, INC. 01 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

SURVEY NO. 4912

INC. 301 SOUTH CANAL (575) 234-334 CARLSBAD

NEW MEXICO

#### ELECTRIC LINE PLAT ELECTRIC LINE TO CONNECT THE NORTH LEA 4 FED COM 1H

READ & STEVENS, INC. CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SEPTEMBER 26, 2016

#### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 4, 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 LOT 1 OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N64'35'56"E, A DISTANCE OF 935.93 FEET; THENCE N89'58'58"E A DISTANCE OF 317.62 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N52'44'58"E, A DISTANCE OF 663.10 FEET;

SAID STRIP OF LAND BEING 317.62 FEET OR 19.25 RODS IN LENGTH, CONTAINING 0.219 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

LOT 1 317.62 L.F. 19.25 RODS 0.219 ACRES

#### SURVEYOR CERTIFICATE

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

2.) BASIS OF BEARING 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, UNC. (575) 234-34-1

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 SEPTEMBER 2016

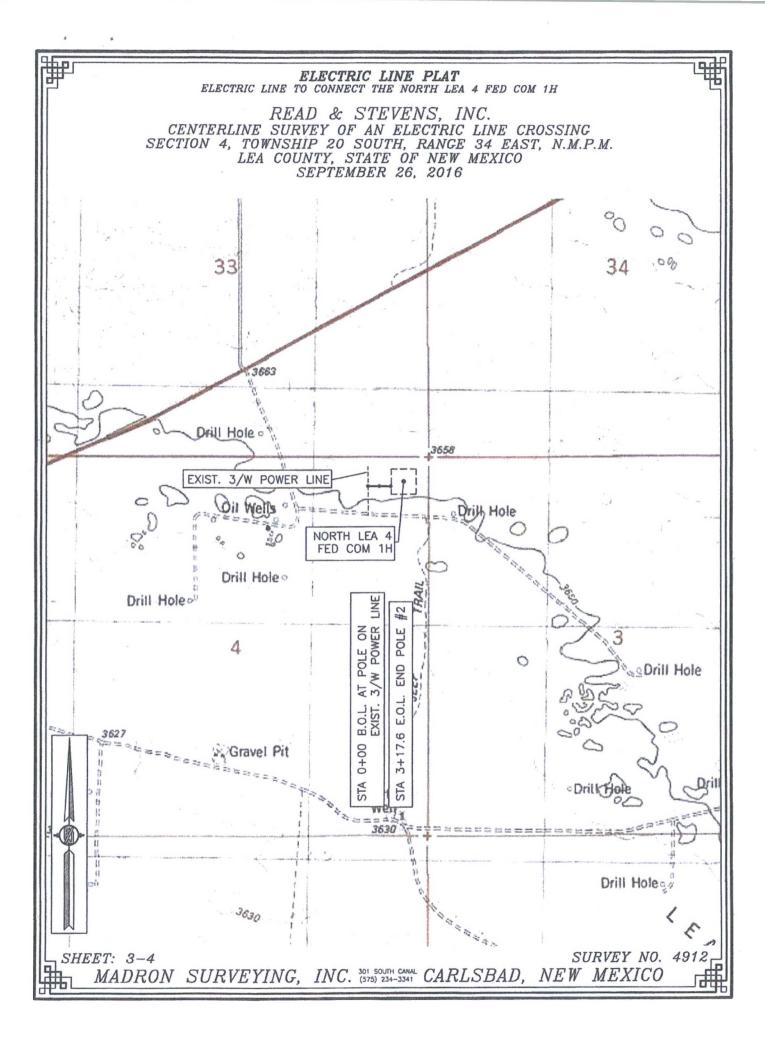
DAY OF SEPTEMBER 2016

MADRON SURVEYING, INC. 601 SOUTH CANAL CARLSBAD, NEW MEXICO 88220

hone (575) 234-3341

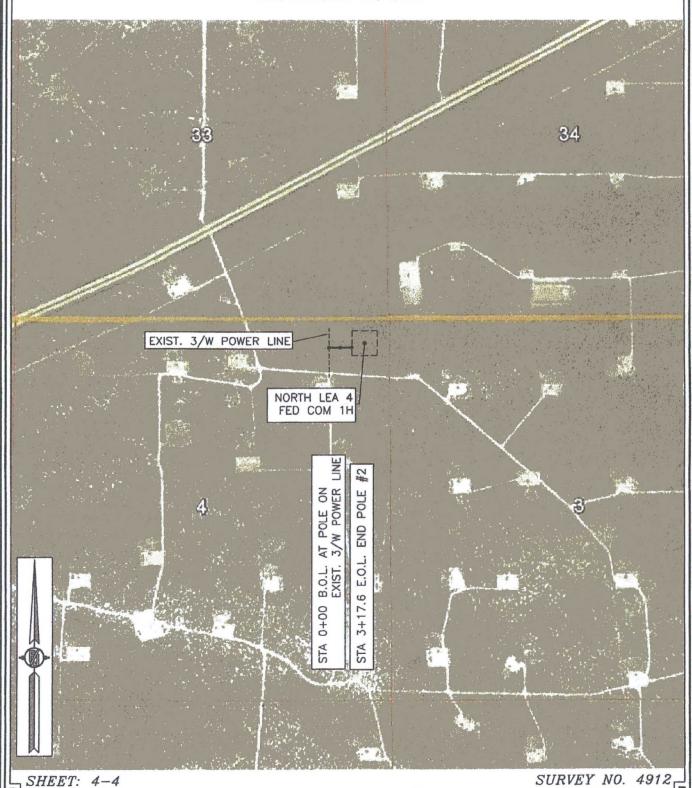
SURVEY NO. 4912

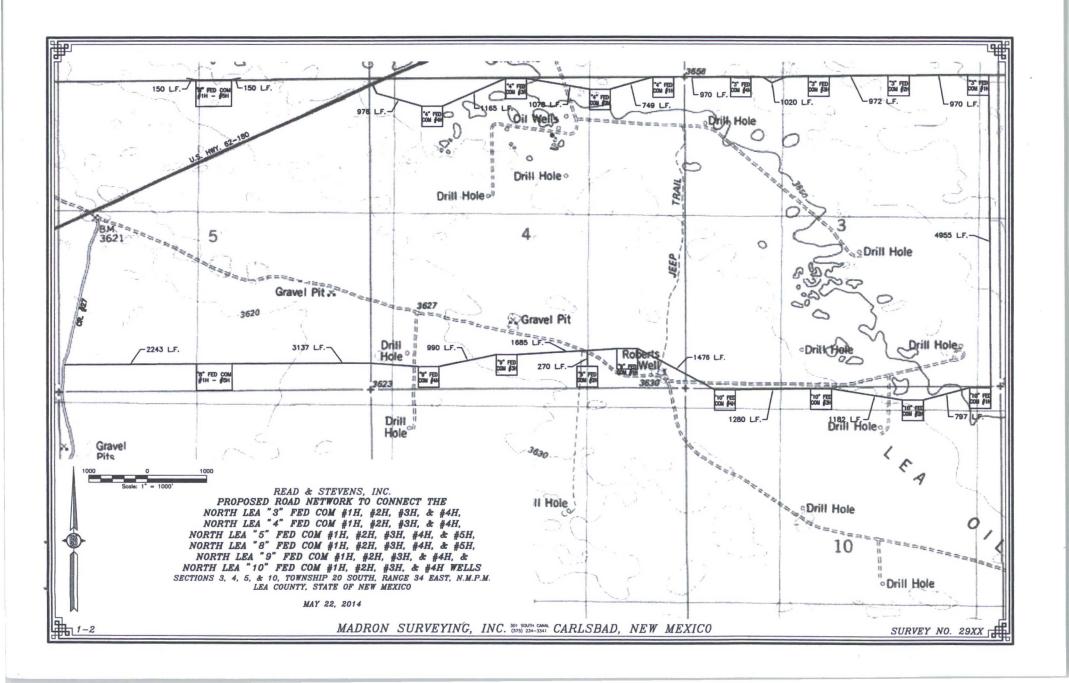
NEW MEXICO

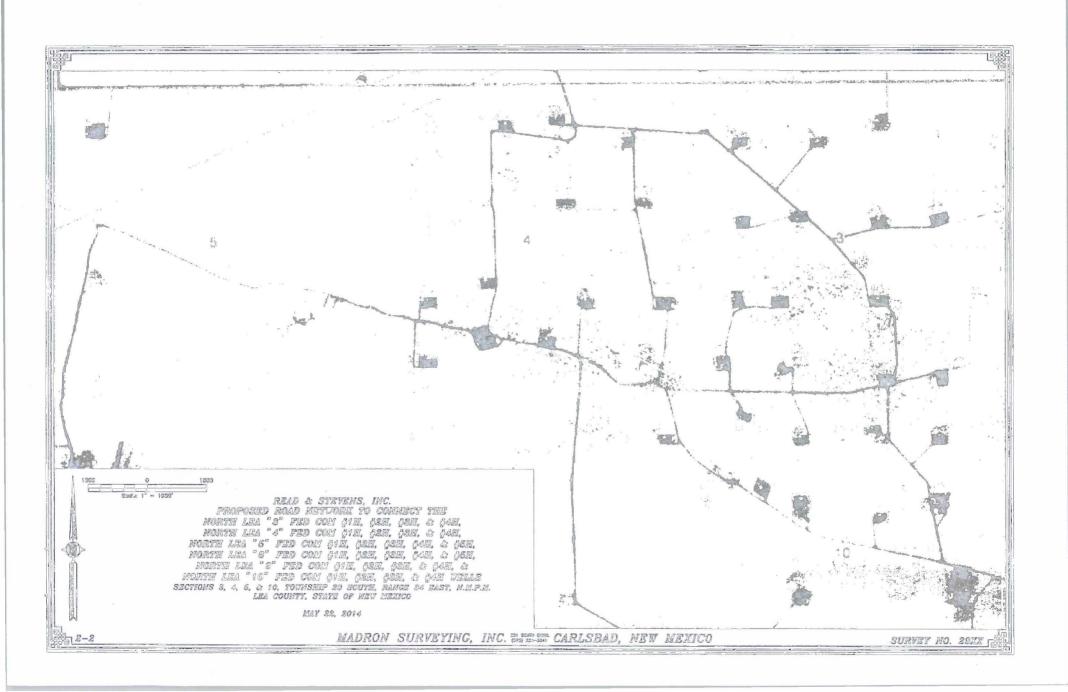


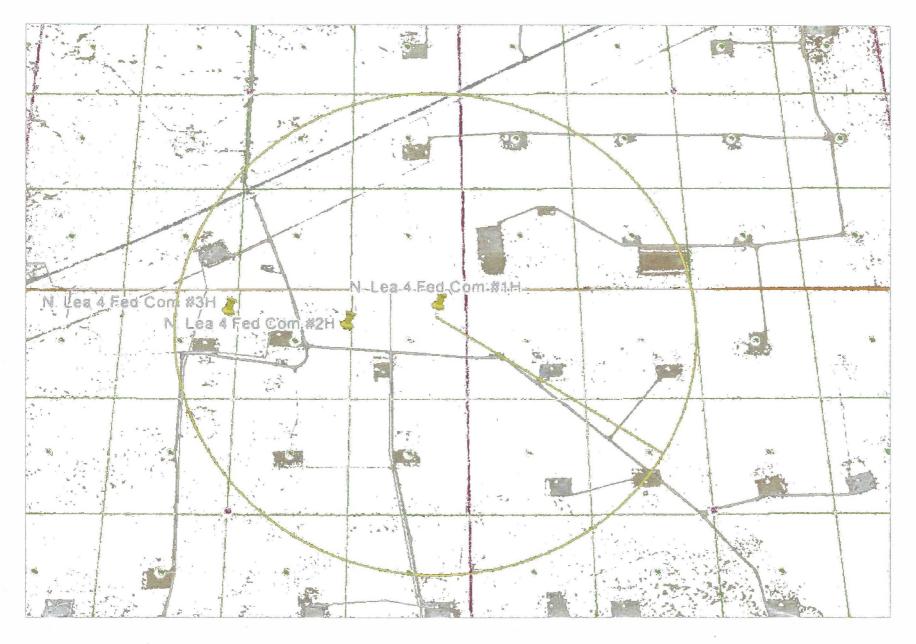
### ELECTRIC LINE PLAT ELECTRIC LINE TO CONNECT THE NORTH LEA 4 FED COM 1H

READ & STEVENS, INC.
CENTERLINE SURVEY OF AN ELECTRIC LINE CROSSING
SECTION 4, TOWNSHIP 20 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SEPTEMBER 26, 2016









3000' ROE