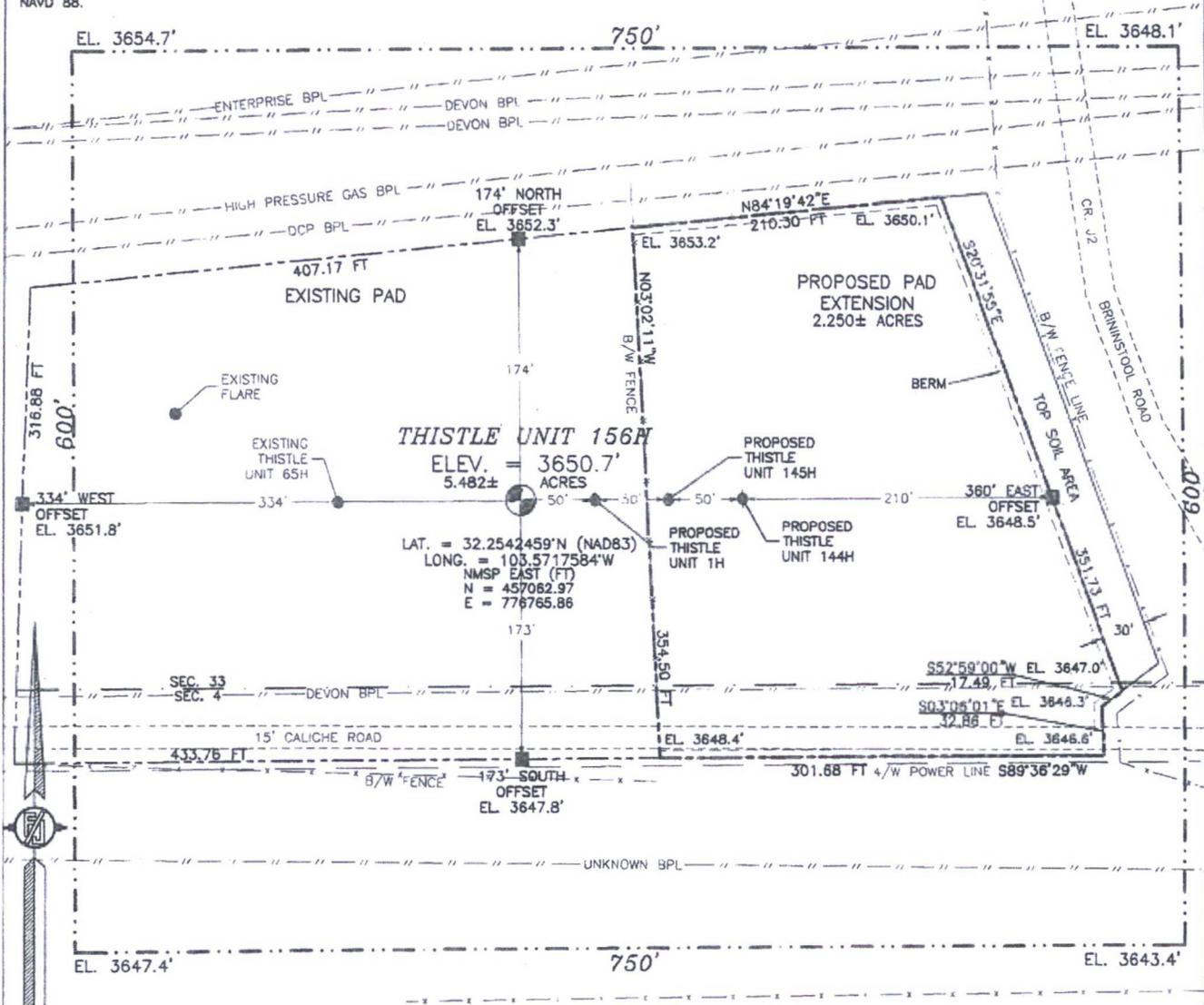


SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

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. ELEVATION VALUES ARE NAVD 88.



010 55 110 220
 SCALE 1" = 110'
 DIRECTIONS TO LOCATION
 FROM STATE HWY. 128 AND CR. J2 (BRINNSTOOL) GO NORTH ON J2 3.0 MILES, TURN LEFT ON CALICHE ROAD AND GO WEST 147' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

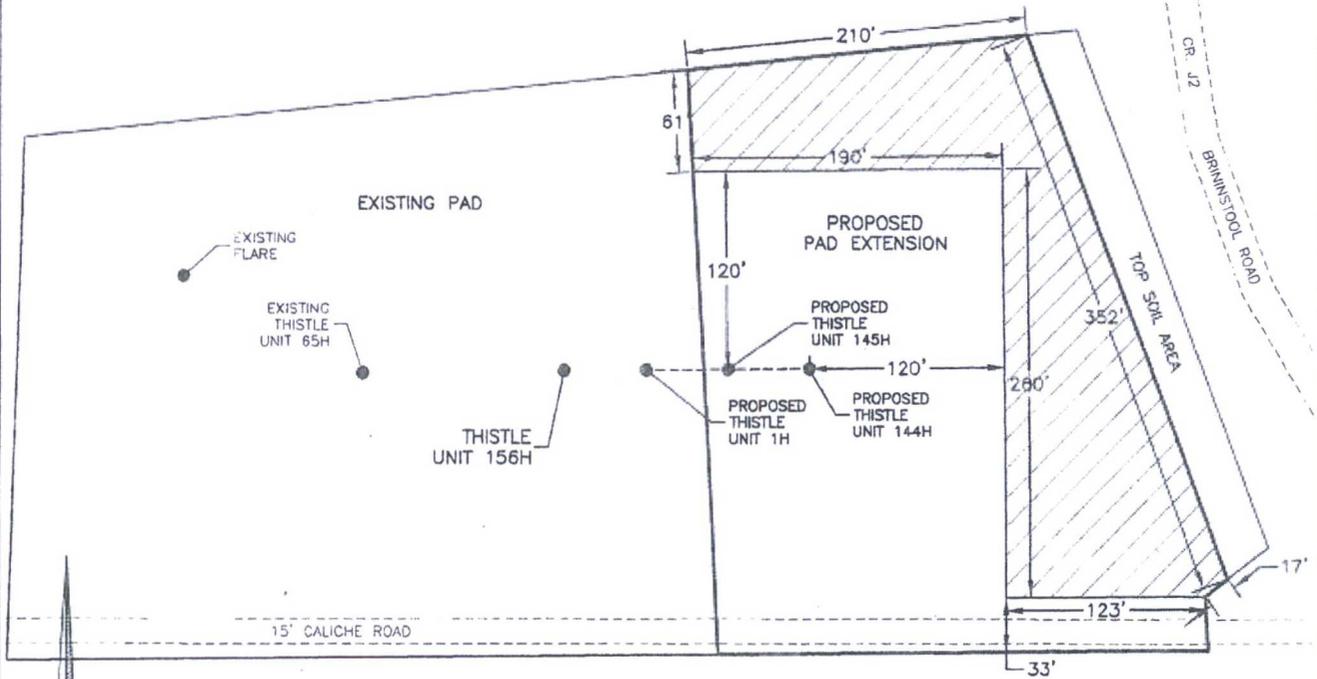
DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H
 LOCATED 124 FT. FROM THE SOUTH LINE
 AND 933 FT. FROM THE EAST LINE OF
 SECTION 33, TOWNSHIP 23 SOUTH,
 RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

**PROPOSED INTERIM SITE RECLAMATION
FOR THISTLE UNIT 156H**
SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



 DENOTES RECLAMATION AREA
0.923± ACRES RECLAMATION AREA



0 10 50 100 200
SCALE 1" = 100'

DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

SECTION 33, 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

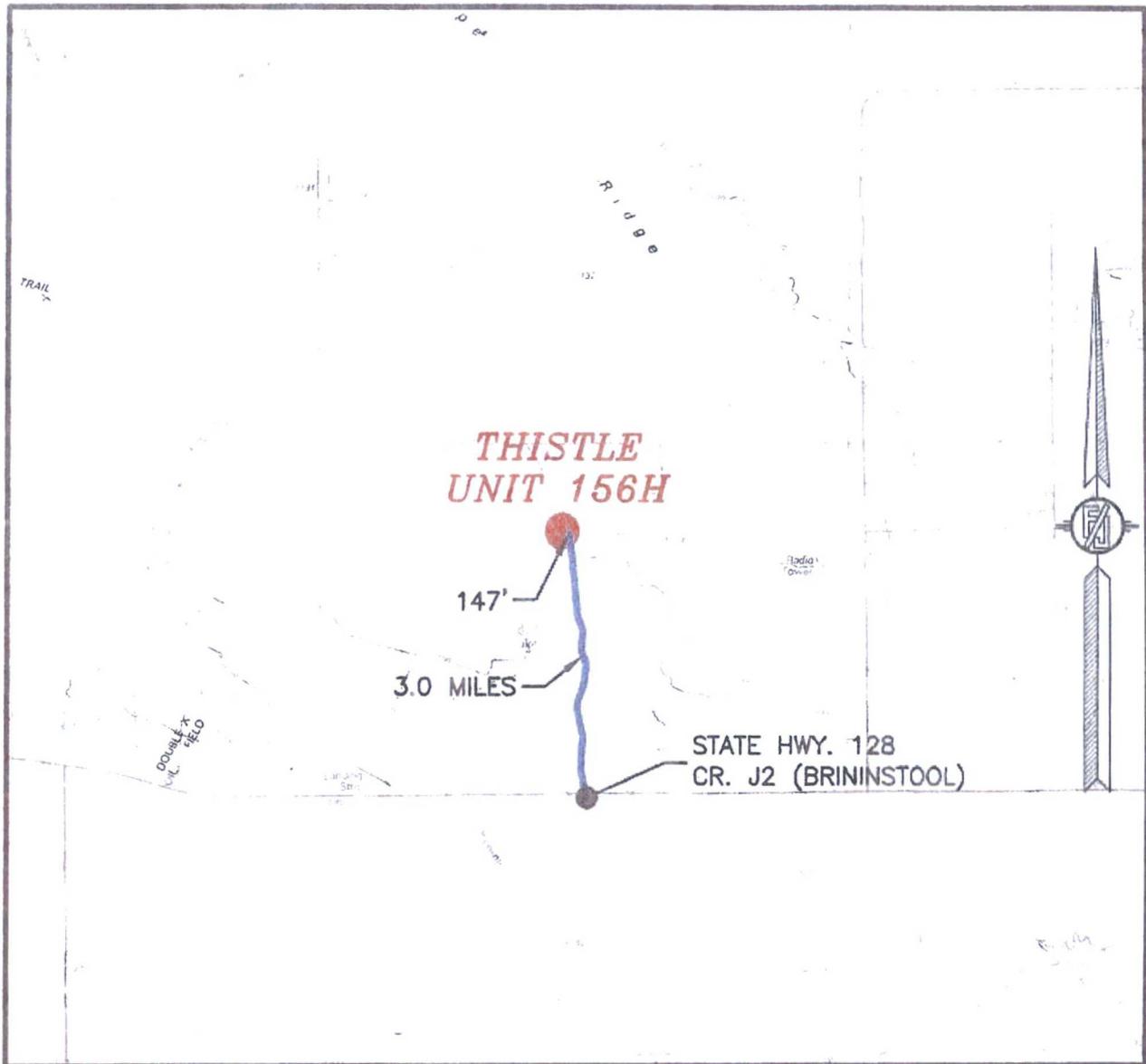
DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

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



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM STATE HWY. 128 AND CR. J2 (BRINSTOOL) GO NORTH ON J2
3.0 MILES, TURN LEFT ON CALICHE ROAD AND GO WEST 147' TO THE
SOUTHEAST PAD CORNER FOR THIS LOCATION.

**DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H**

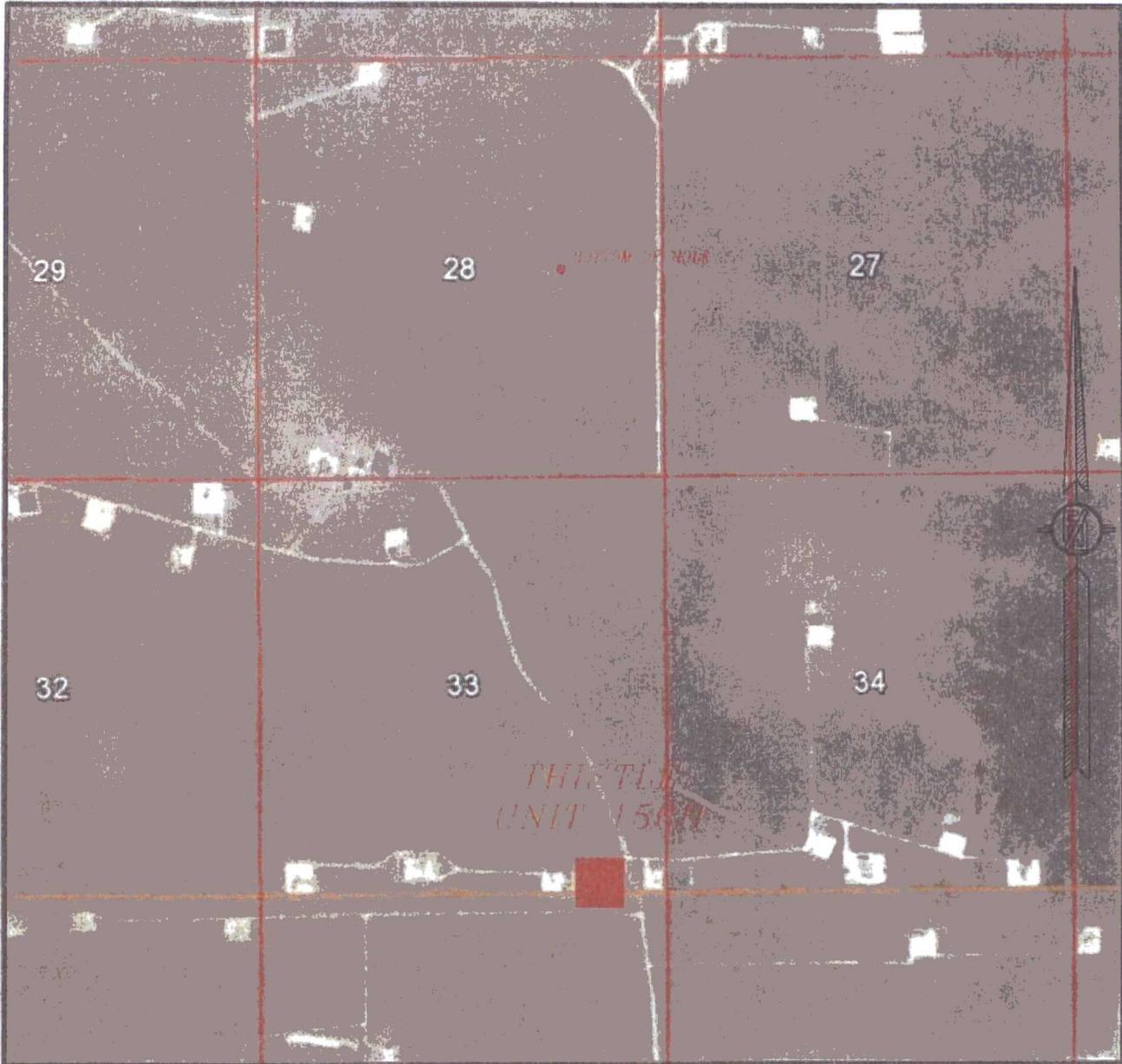
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

SECTION 33, 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
FEB. 2014

DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H

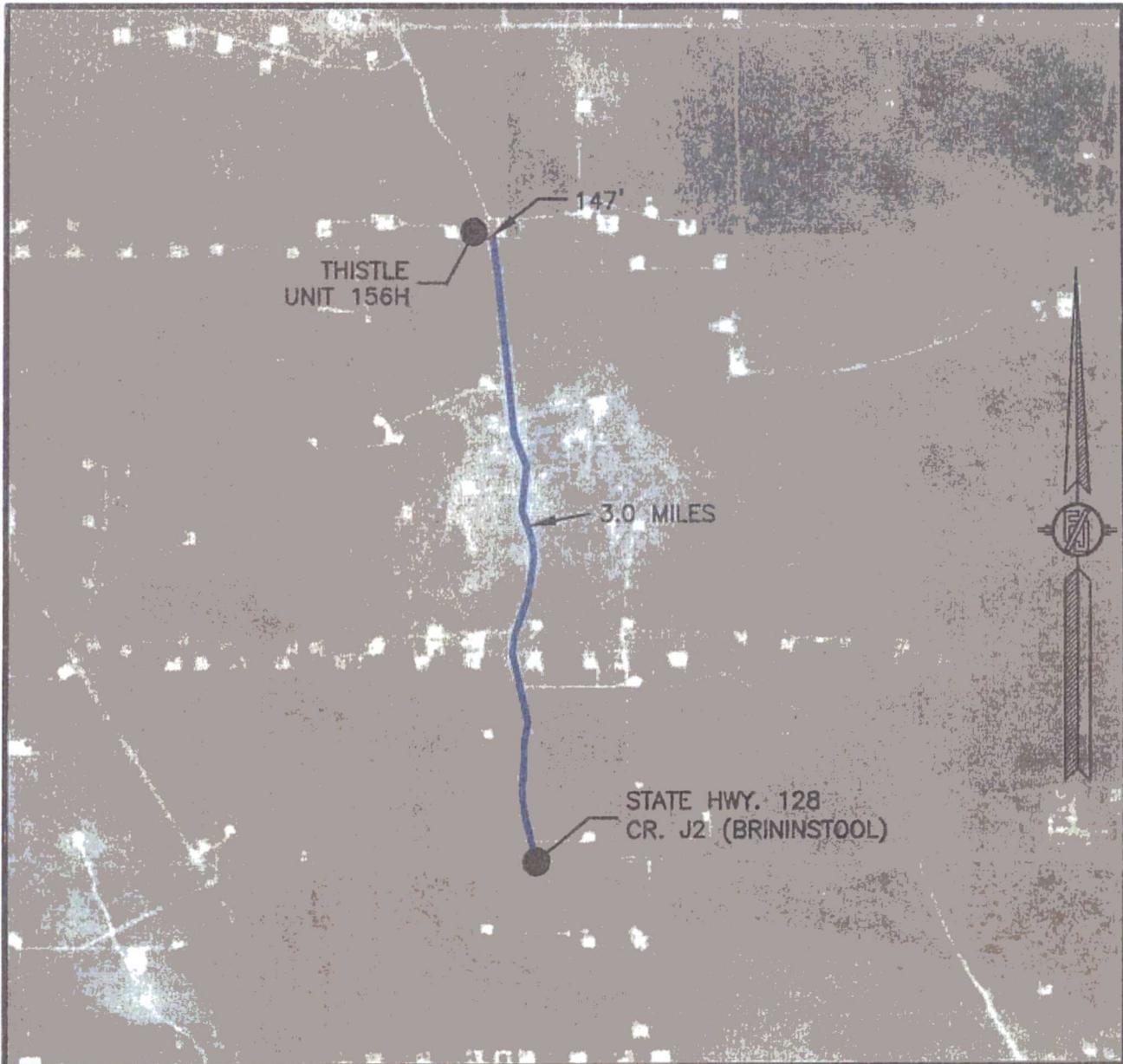
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
FEB. 2014

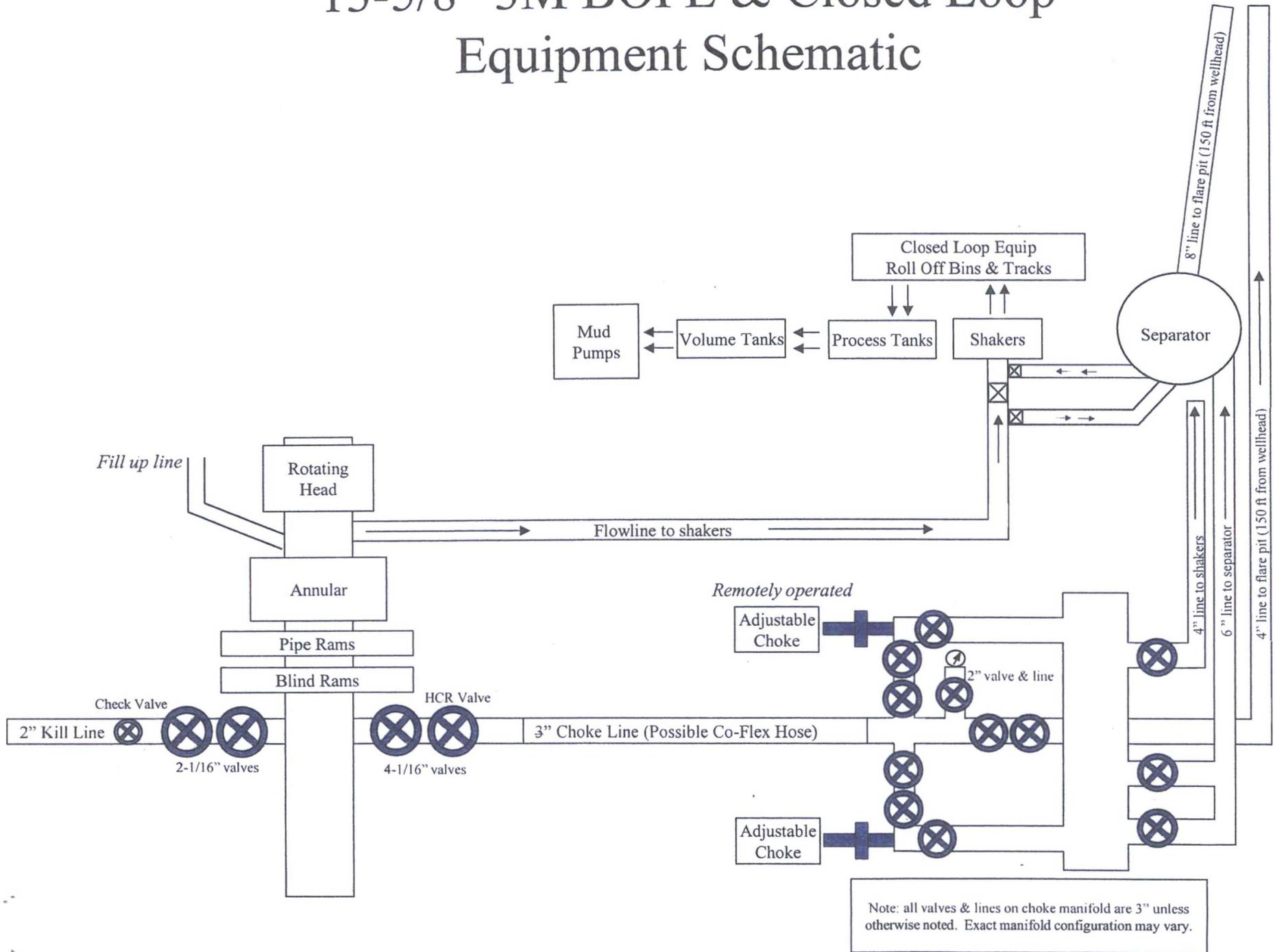
DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

13-5/8" 3M BOPE & Closed Loop Equipment Schematic



Casing Assumptions and Load Cases

Surface

All casing design assumptions were ran in Stress Check to determine safety factor which meet or exceed both Devon Energy and BLM minimum requirements. All casing strings will be filled while running in hole in order to not exceed collapse rating of the pipe.

Surface Casing Burst Design		
Load Case	External Pressure	Internal Pressure
Pressure Test	Formation Pore Pressure	Max mud weight of next hole-section plus Test psi
Drill Ahead	Formation Pore Pressure	Max mud weight of next hole section
Displace to Gas	Formation Pore Pressure	Dry gas from next casing point

Surface Casing Collapse Design		
Load Case	External Pressure	Internal Pressure
Full Evacuation	Water gradient in cement, mud above TOC	None
Cementing	Wet cement weight	Water (8.33ppg)

Surface Casing Tension Design	
Load Case	Assumptions
Overpull	100kips
Runing in hole	3 ft/s
Service Loads	N/A

Casing Assumptions and Load Cases

Intermediate

All casing design assumptions were ran in Stress Check to determine safety factor which meet or exceed both Devon Energy and BLM minimum requirements. All casing strings will be filled while running in hole in order to not exceed collapse rating of the pipe.

Intermediate Casing Burst Design		
Load Case	External Pressure	Internal Pressure
Pressure Test	Formation Pore Pressure	Max mud weight of next hole-section plus Test psi
Drill Ahead	Formation Pore Pressure	Max mud weight of next hole section
Fracture @ Shoe	Formation Pore Pressure	Dry gas

Intermediate Casing Collapse Design		
Load Case	External Pressure	Internal Pressure
Full Evacuation	Water gradient in cement, mud above TOC	None
Cementing	Wet cement weight	Water (8.33ppg)

Intermediate Casing Tension Design	
Load Case	Assumptions
Overpull	100kips
Runing in hole	2 ft/s
Service Loads	N/A

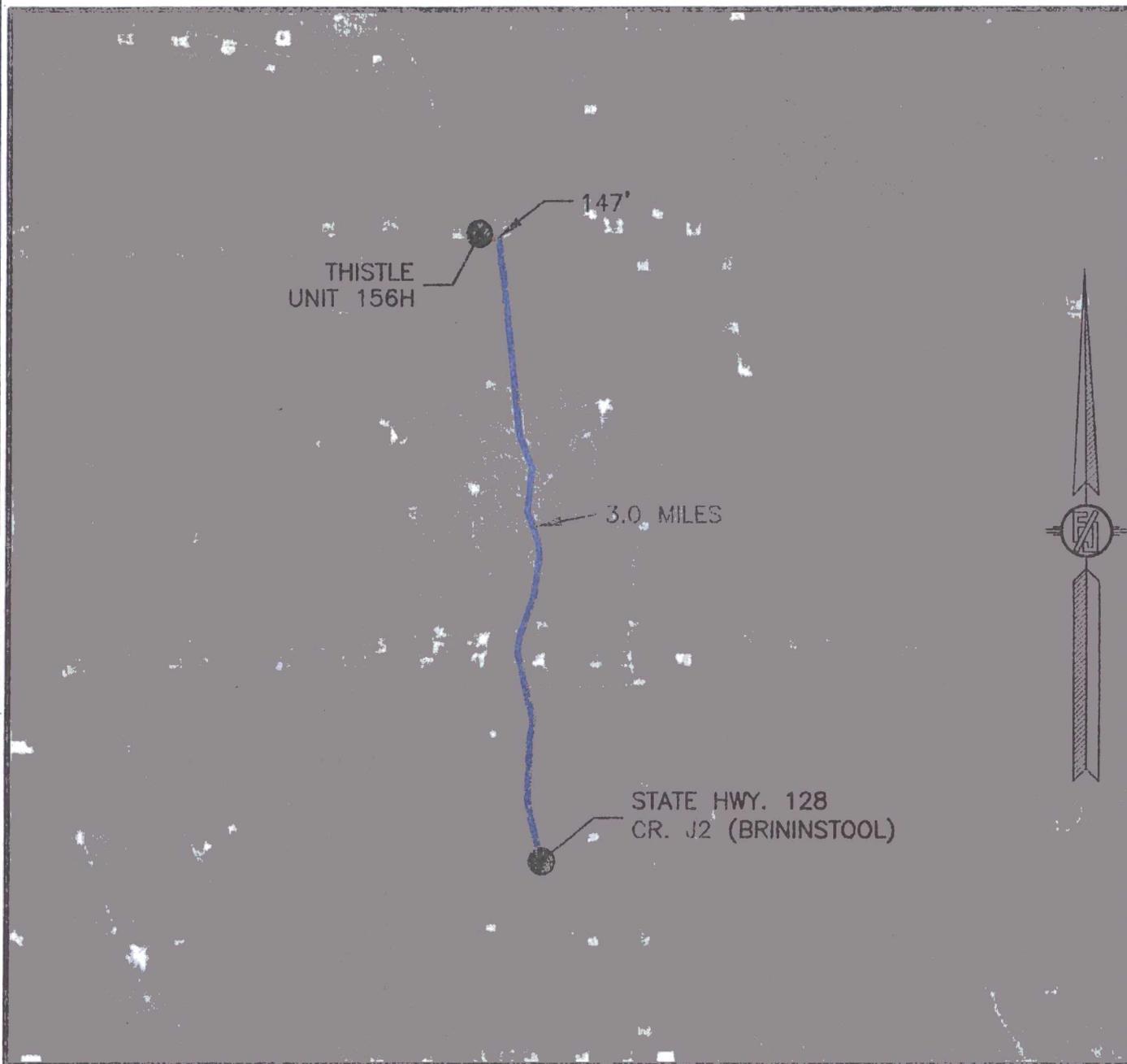
All casing design assumptions were ran in Stress Check to determine safety factor which meet or exceed both Devon Energy and BLM minimum requirements. All casing strings will be filled while running in hole in order to not exceed collapse rating of the pipe.

Production Casing Burst Design		
Load Case	External Pressure	Internal Pressure
Pressure Test	Formation Pore Pressure	Fluid in hole (water or produced water) + test psi
Tubing Leak	Formation Pore Pressure	Packer @ KOP, leak below surface 8.6 ppg packer fluid
Stimulation	Formation Pore Pressure	Max frac pressure with heaviest frac fluid

Production Casing Collapse Design		
Load Case	External Pressure	Internal Pressure
Full Evacuation	Water gradient in cement, mud above TOC.	None
Cementing	Wet cement weight	Water (8.33ppg)

Production Casing Tension Design	
Load Case	Assumptions
Overpull	100kips
Runing in hole	2 ft/s
Service Loads	N/A

SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
FEB. 2014

DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H

LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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

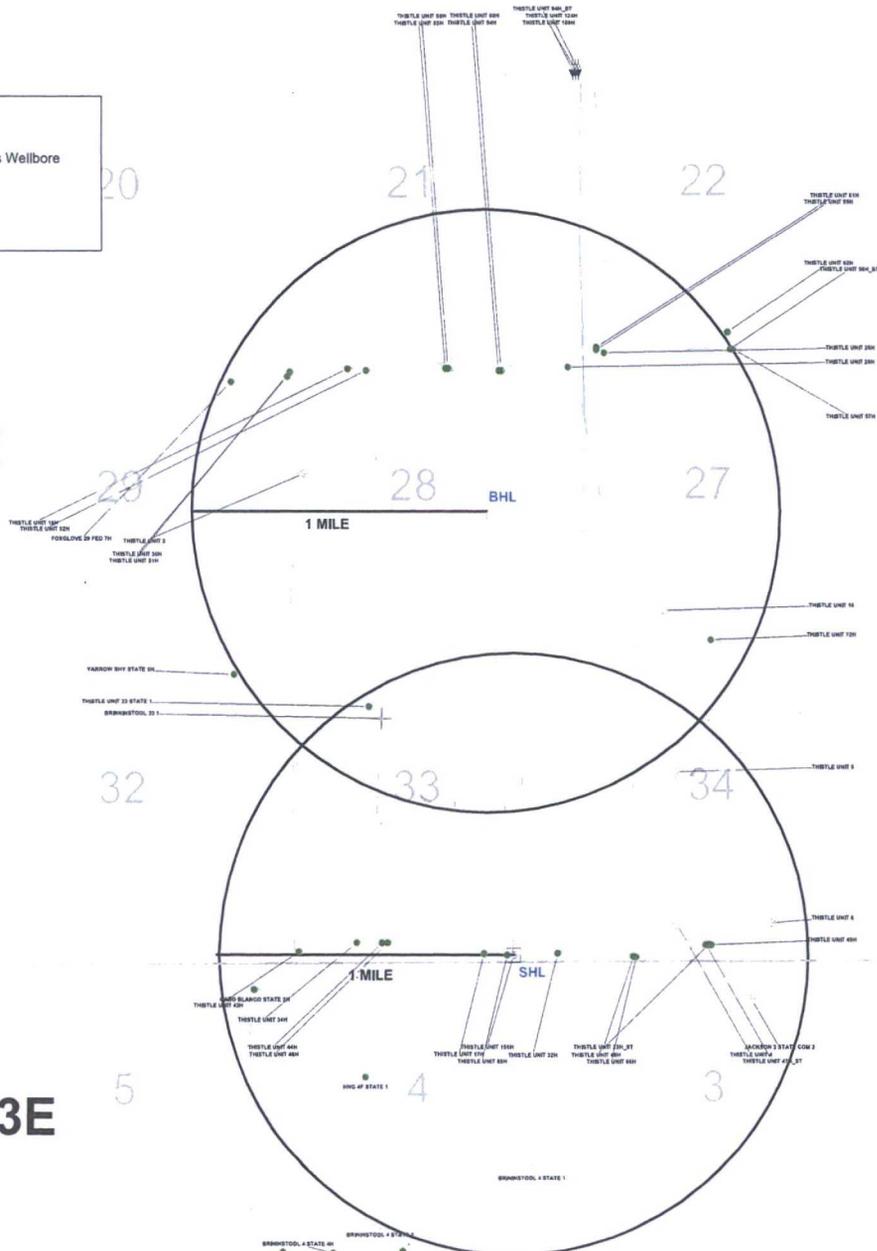
One Mile Radius Map

Estimated distances to nearest wellbores:

*From SHL: Thistle Unit 65H	15' W
Thistle Unit 65H	Crosses Wellbore
Thistle Unit 17H	450' W
Thistle Unit 32H	55' E
Thistle Unit 53H	725' W
Thistle Unit 54H	575' E
*From BHL: Thistle Unit 54H	575' E

23S-33E

30



24S-33E

6

5

4

3



Permian Basin - Southeast New Mexico

Thistle Unit 155H
1 Mile Radius Map



POSTED WELL DATA

- Well Label
- WELL SYMBOLS
- ABANDONED WATER WELL
- DRY AND ABANDONED WELL
- GAS PRODUCING WELL
- JUNKED AND ABANDONED
- OIL PRODUCING WELL
- PROMISED
- WAITING ON COMPLETION

August 5, 2016

THISTLE UNIT 33 CTB #1
DEVON ENERGY PRODUCTION COMPANY, L.P.
IN THE SW/4 SE/4 AND THE SE/4 SE/4 OF
SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO
SHEET 1 OF 8

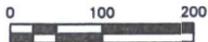
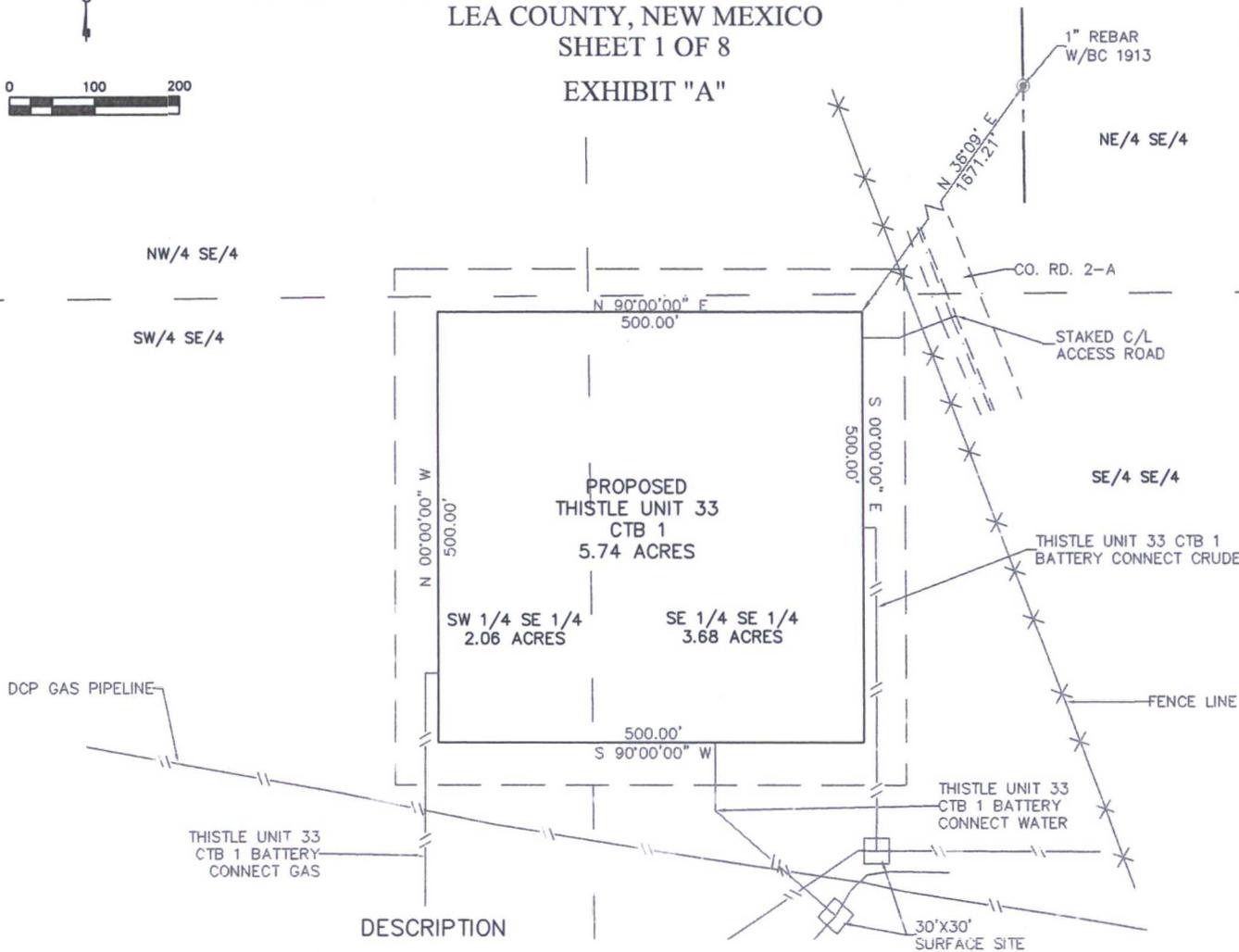


EXHIBIT "A"



DESCRIPTION

BEING A CENTRAL TANK BATTERY EASEMENT LYING IN THE SW/4 SE/4 AND THE SE/4 SE/4 OF SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE NORTHEAST CORNER OF SAID EASEMENT, WHERE A 1" REBAR W/BC 1913 FOR THE EAST QUARTER CORNER OF SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST N.M.P.M. BEARS N 36°09' E, A DISTANCE 1671.21;

THENCE S 00°00'00" E, A DISTANCE 500.0 FEET TO THE SOUTHEAST CORNER OF THIS EASEMENT;
 THENCE S 90°00'00" W, A DISTANCE 500.0 FEET TO THE SOUTHWEST CORNER OF THIS EASEMENT;
 THENCE N 00°00'00" W, A DISTANCE 500.0 FEET TO THE NORTHWEST CORNER OF THIS EASEMENT;
 THENCE N 90°00'00" E, A DISTANCE 500.0 FEET TO THE NORTHEAST CORNER OF THIS EASEMENT,
 TO THE POINT OF BEGINNING; CONTAINING 5.74 ACRES.

GENERAL NOTES:

- 1.) SEE THE ATTACHED LEGAL DESCRIPTION
- 2.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A TANK BATTERY.

3.) All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

B.L. Laman
 Horizonrow, LLC
 DATE SIGNED: 09-30-2016
 571 STATE STREET JASPER, TX. 75851
 (409) 202-5111
 Employee of Horizonrow, LLC



DIRECTIONS TO LOCATION
 FROM STATE HIGHWAY 128 and 2-A ROAD, GO NORTH ON CO. RD. 2-A 3.32 MILES. LEAVE CO. RD. 2-A AND CONTINUE WEST 130.0' FEET TO THE NORTHEAST CORNER OF THIS SITE.

HORIZON ROW LLC

Drawn for:



Drawn by: CHRIS MAAS Date: 07/18/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.

THISTLE UNIT 33 CTB #1

SURVEY PLAT SHOWING
 A CENTRAL TANK BATTERY
 ON THE PROPERTY OF
 STATE OF NEW MEXICO

SITE NUMBER: AA00000015

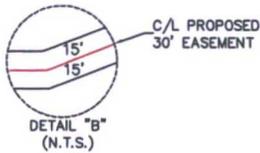
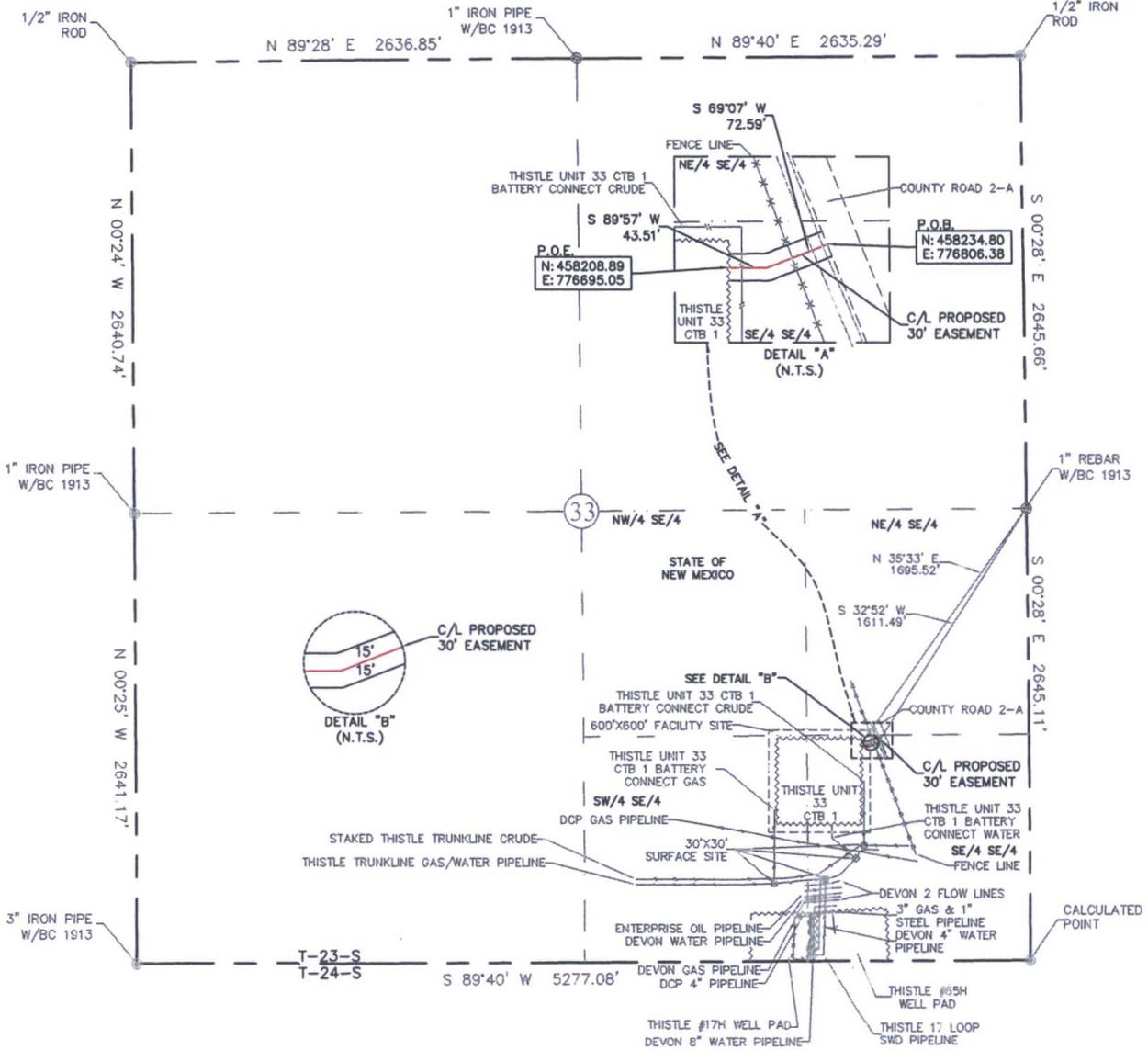
WBS NUMBER: CC-121173.01

SCALE: 1" = 200'

REVISIONS: 9/27/16 CMAAS

SHEET: 1 OF 8

EXHIBIT "A"
 PAGE 2 of 8
 SECTION 33, T23S-R33E, N.M.P.M.
 LEA COUNTY, NEW MEXICO

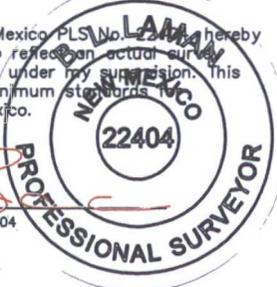


QUARTER/ QUARTER	30' EASEMENT AREA	FEET	RODS
SE 1/4 OF SE 1/4	0.08 ACRES	116.10'	7.04

- 0+00.0 P.O.B./COUNTY ROAD 2-A
- 0+05.3 TOE OF SLOPE
- 0+18.1 TOP OF BANK
- 0+42.6 FENCE LINE
- 1+16.1 P.O.E./THISTLE UNIT 33 CTB 1

SEE THE ATTACHED LEGAL DESCRIPTION
 Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404 hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS #22404
 Date Signed: 09-30-2016
 Horizonrow, LLC
 571 State Street Jasper, TX.
 (409) 202-5111 75951
 Employees of Horizonrow, LLC

HORIZON ROW LLC
 Drawn for:

 Drawn by: CHRIS MAAS Date: 07/16/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.
 THISTLE UNIT 33 CTB 1
 (30' ROAD EASEMENT)
 PROPOSED 30' EASEMENT
 ON THE PROPERTY OF
 STATE OF NEW MEXICO
 SECTION 33, T23S-R33E, N.M.P.M.

SITE NUMBER: AA000000015
WBS NUMBER: CC-121173.01
SCALE: 1" = 1000'
REVISIONS: 9/27/16 CMAAS
SHEET: 2 OF 8



SECTION 33, T23S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southeast quarter of the southeast quarter (SE ¼ SE ¼) of Section 33, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 32°52' W, a distance of 1611.49' to the **Point of Beginning** of this easement having coordinates of Northing=458234.80 feet, Easting=776806.38 feet and continuing the following courses;

Thence S 69°07' W, a distance of 72.59' to an angle point;

Thence S 89°57' E, a distance of 43.51' to the **Point of Ending** having coordinates of Northing=458208.89 feet, Easting=776695.05 feet, from said point a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 35°33' E a distance of 1695.52', covering **116.10' or 7.04 rods** and having an area of **0.08 acres**.

NOTES:

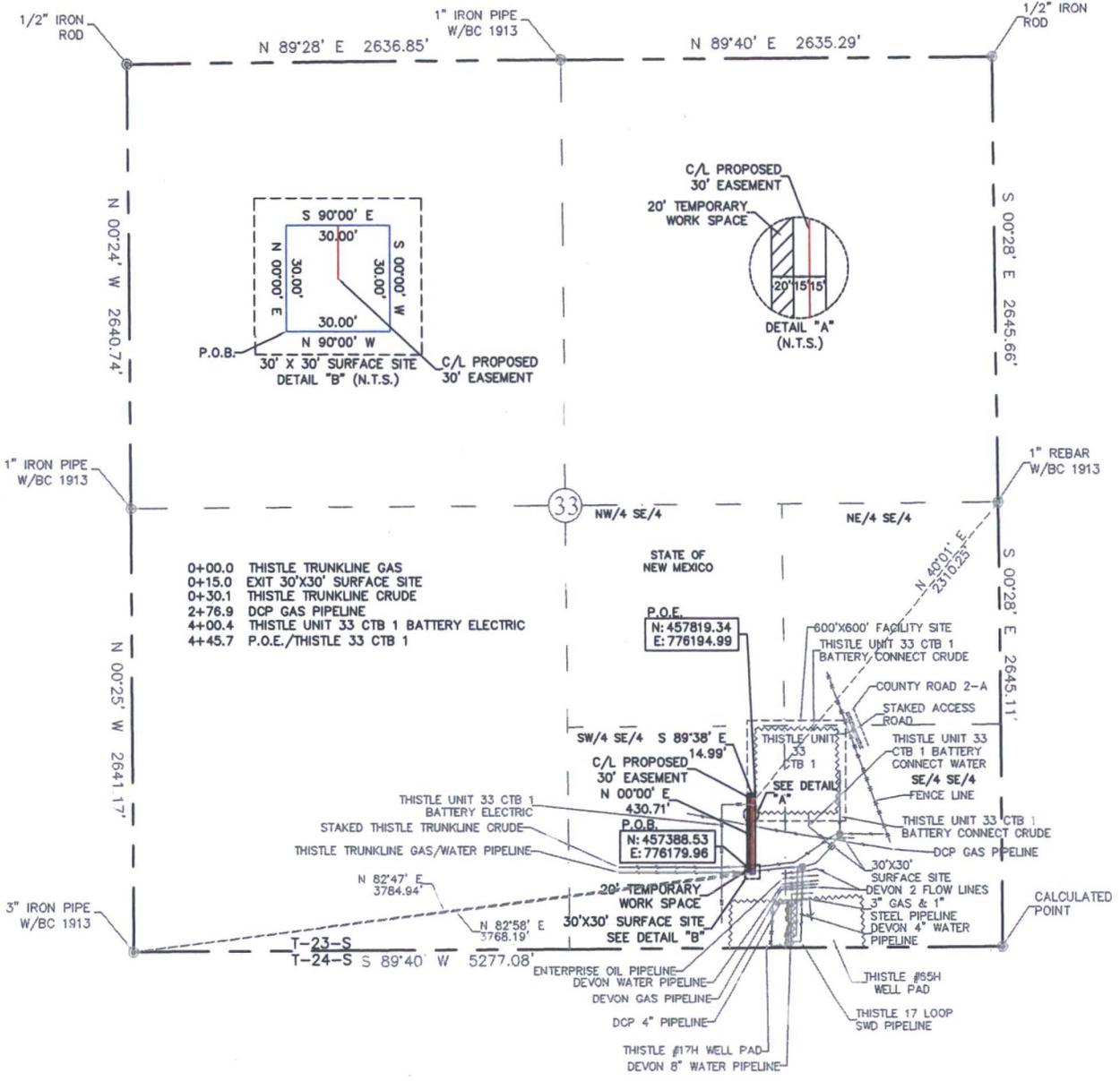
Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.


B.L. Laman PLS 22404
Date Signed: 09/30/2016
Horizon Row, LLC
571 State Street, Jasper, TX
(409) 202-5111 75951
Employee of Horizon Row, LLC



EXHIBIT "A"
 PAGE 4 of 8
 SECTION 33, T23S-R33E, N.M.P.M.
 LEA COUNTY, NEW MEXICO



0+00.0 THISTLE TRUNKLINE GAS
 0+15.0 EXIT 30'X30' SURFACE SITE
 0+30.1 THISTLE TRUNKLINE CRUDE
 2+76.9 DCP GAS PIPELINE
 4+00.4 THISTLE UNIT 33 CTB 1 BATTERY ELECTRIC
 4+45.7 P.O.E./THISTLE 33 CTB 1

P.O.E.
 N: 457819.34
 E: 776194.99

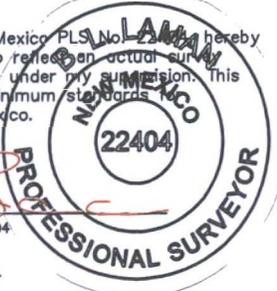
P.O.B.
 N: 457388.53
 E: 776179.96

QUARTER/ QUARTER	30' X 30' SURFACE SITE	30' EASEMENT AREA	20' TEMPORARY EASEMENT AREA	FEET	RODS
SW 1/4 OF SE 1/4	0.02 ACRES	0.31 ACRES	0.23 ACRES	445.70'	27.01

SEE THE ATTACHED LEGAL DESCRIPTION
 Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.



I, B.L. Laman, New Mexico Professional Surveyor No. 22404 hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS #22404
 Date Signed: 09-30-2016
 Horizonrow, LLC
 571 State Street Jasper, TX
 (409) 202-5111 75951
 Employee of Horizonrow, LLC

HORIZON ROW LLC Drawn for:		DEVON ENERGY PRODUCTION COMPANY, L.P. THISTLE UNIT 33 CTB 1 BATTERY CONNECT (GAS)	LINE NUMBER: 781046X WBS NUMBER: CC-121173.01
		PROPOSED 30' EASEMENT ON THE PROPERTY OF STATE OF NEW MEXICO SECTION 33, T23S-R33E, N.M.P.M.	SCALE: 1" = 1000' REVISIONS: 9/27/16 CMAAS SHEET: 4 OF 8
Drawn by: CHRIS MAAS	Date: 07/16/2016		

SECTION 33, T23S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southwest quarter of the southeast quarter (SW ¼ SE ¼) of Section 33, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 3" iron pipe w/ BC1913 found for the southwest corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 82°47' E, a distance of 3784.94' to the **Point of Beginning** of this easement having coordinates of Northing=457388.53 feet, Easting=776179.96 feet and continuing the following courses;

Thence N 00°00' E, a distance of 430.71' to an angle point;

Thence S 89°38' E, a distance of 14.99' to the **Point of Ending** having coordinates of Northing=457819.34 feet, Easting=776194.99 feet, from said point a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 40°01' E a distance of 2310.25', covering **445.70' or 27.01 rods** and having an area of **0.31 acres**.

20' TEMPORARY WORK SPACE DESCRIPTION:

Being a temporary work space twenty (20) feet in width lying on the left side and adjoining the left side of the above described thirty (30) feet easement, having a total area of **0.23 acres**.

30' X 30' SURFACE SITE EASEMENT DESCRIPTION:

Being a surface site easement thirty (30) feet in width and thirty (30) feet in length and out of the southwest quarter of the southeast quarter (SW ¼ SE ¼) of Section 33, T23S-R33E, N.M.P.M. Lea County, New Mexico, and being more particularly described as follows;

Commencing from a 3" iron pipe w/ BC 1913 for the southwest corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 82°58' E a distance of 3768.19' to the **Point of Beginning** of this surface site and continuing the following courses;

N 00°00' E a distance of 30.00' to a point;

S 90°00' E a distance of 30.00' to a point;

S 00°00' W a distance of 30.00' to a point;

N 90°00' W a distance of 30.00' to the point of beginning, having an area of **0.02 acre**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 09/30/2016

Horizon Row, LLC

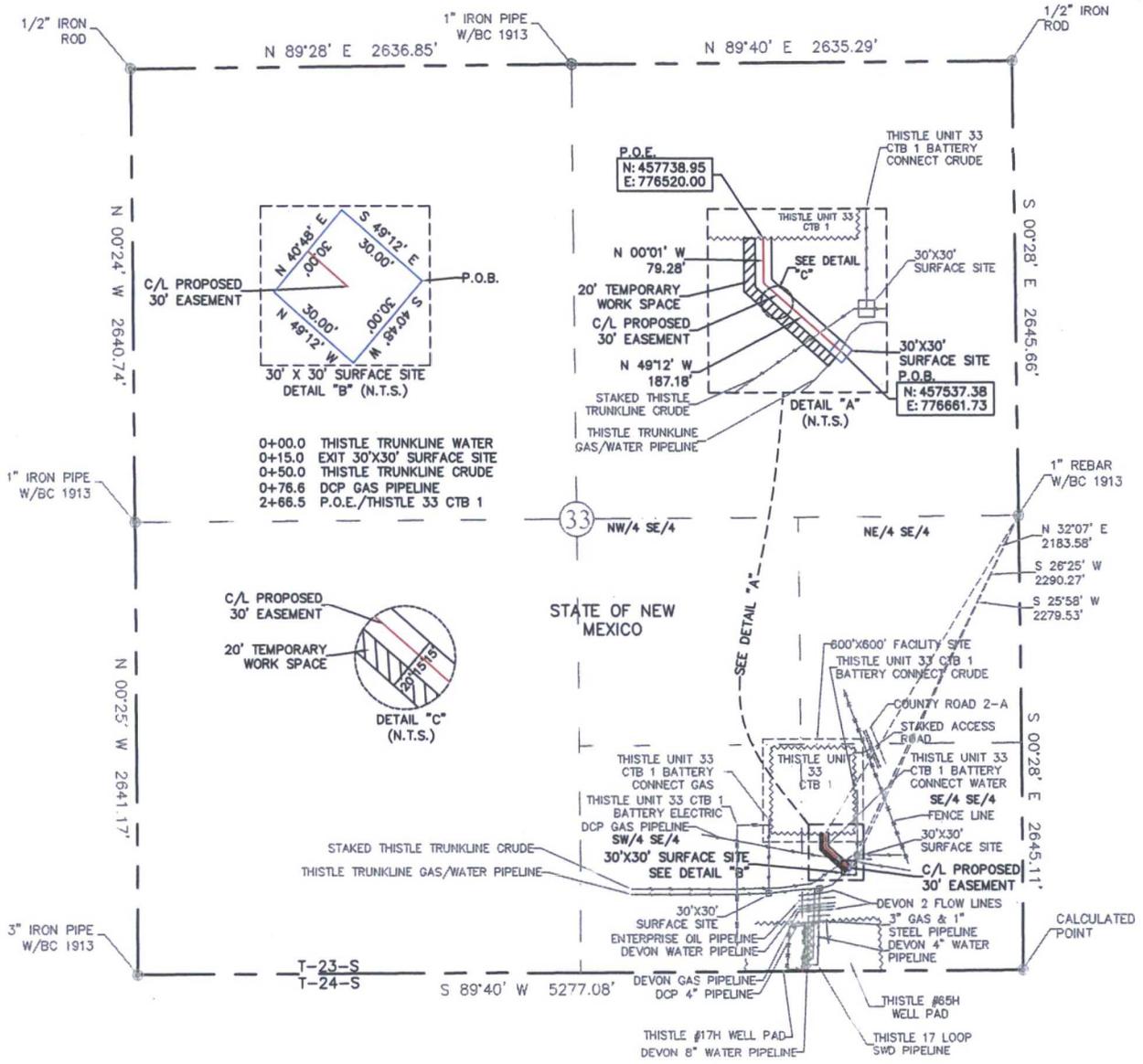
571 State Street, Jasper, TX

(409) 202-5111 75951

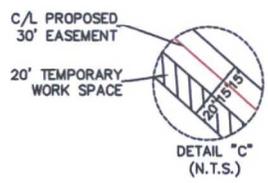
Employee of Horizon Row, LLC



EXHIBIT "A"
 PAGE 6 of 8
 SECTION 33, T23S-R33E, N.M.P.M.
 LEA COUNTY, NEW MEXICO



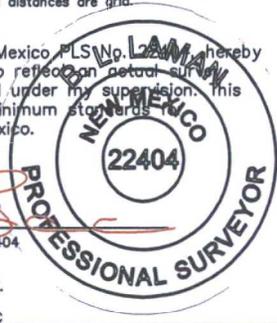
0+00.0 THISTLE TRUNKLINE WATER
 0+15.0 EXIT 30'X30' SURFACE SITE
 0+50.0 THISTLE TRUNKLINE CRUDE
 0+76.6 DCP GAS PIPELINE
 2+66.5 P.O.E./THISTLE 33 CTB 1



QUARTER/ QUARTER	30' X 30' SURFACE SITE	30' EASEMENT AREA	20' TEMPORARY EASEMENT AREA	FEET	RODS
SE 1/4 OF SE 1/4	0.02 ACRES	0.18 ACRES	0.13 ACRES	266.46'	16.15

SEE THE ATTACHED LEGAL DESCRIPTION
 Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico Professional Surveyor, hereby certify this survey to represent an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



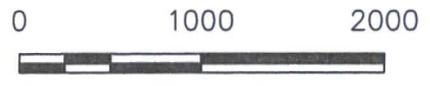
B.L. Laman PLS #22404
 Date Signed: 09-30-2016
 Horizonrow, LLC
 571 State Street Jasper, TX.
 (409) 202-5111 75951
 Employee of Horizonrow, LLC

HORIZON ROW LLC
 Drawn for:

 Drawn by: CHRIS MAAS
 Date: 07/16/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.
 THISTLE UNIT 33 CTB 1
 BATTERY CONNECT
 (WATER)
 PROPOSED 30' EASEMENT
 ON THE PROPERTY OF
 STATE OF NEW MEXICO
 SECTION 33, T23S-R33E, N.M.P.M.

LINE NUMBER:
761046Z
 WBS NUMBER:
CC-121173.03
 SCALE:
1" = 1000'
 REVISIONS:
9/27/16 CMAAS
 SHEET:
6 OF 8



SECTION 33, T23S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southeast quarter of the southeast quarter (SE ¼ SE ¼) of Section 33, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 26°25' W, a distance of 2290.27' to the **Point of Beginning** of this easement having coordinates of Northing=457537.38 feet, Easting=776661.73 feet and continuing the following courses;

Thence N 49°12' W, a distance of 187.18' to an angle point;

Thence N 00°01' W, a distance of 79.28' to the **Point of Ending** having coordinates of Northing=457738.95 feet, Easting=776520.00 feet, from said point a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 32°07' E a distance of 2183.58', covering **266.46' or 16.15 rods** and having an area of **0.18 acres**.

20' TEMPORARY WORKSPACE DESCRIPTION:

Being a temporary work space twenty (20) feet in width lying on the left side and adjoining the left side of the above described thirty (30) feet easement, having a total area of **0.13 acres**.

30' X 30' SURFACE SITE EASEMENT DESCRIPTION:

Being a surface site easement thirty (30) feet in width and thirty (30) feet in length and out of the southeast quarter of the southeast quarter (SE ¼ SE ¼) of Section 33, T23S-R33E, N.M.P.M. Lea County, New Mexico, and being more particularly described as follows;

Commencing from a 1" rebar w/ BC 1913 for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 25°58' W a distance of 2279.53' to the **Point of Beginning** of this surface site and continuing the following courses;

S 40°48' W a distance of 30.00' to a point;

N 49°12' W a distance of 30.00' to a point;

N 40°48' E a distance of 30.00' to a point;

S 49°12' E a distance of 30.00' to the point of beginning, having an area of **0.02 acre**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 09/30/2016
Horizon Row, LLC
571 State Street, Jasper, TX
(409) 202-5111 75951
Employee of Horizon Row, LLC



EXHIBIT "A"
 PAGE 8 of 8
 SECTION 33, T23S-R33E, N.M.P.M.
 LEA COUNTY, NEW MEXICO

P.O.E.
 LAT: 32°15'26.63"
 LONG: 103°34'19.06"

STAKED ACCESS ROAD

T-24-S
 T-24-S

THISTLE UNIT 33 CTB-1

COUNTY ROAD 2-A

STATE HIGHWAY 128

CO. RD. J2

P.O.B.
 LAT: 32°12'37.75"
 LONG: 103°33'59.74"



DIRECTIONS TO LOCATION

FROM STATE HIGHWAY 128 AND COUNTY ROAD 2-A,
 GO NORTH ON CO. RD. 2-A 3.32 MILES.
 LEAVE CO. RD. 2-A AND CONTINUE
 WEST 130.0' FEET TO THE NORTHEAST
 CORNER OF THIS SITE.

HORIZON ROW LLC

Drawn for:



Drawn by:
 CHRIS MAAS

Date: 07/18/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.
 VICINITY MAP

PROPOSED TANK BATTERY
 ON THE PROPERTY OF
 STATE OF NEW MEXICO

SITE NUMBER:
 AA00000015

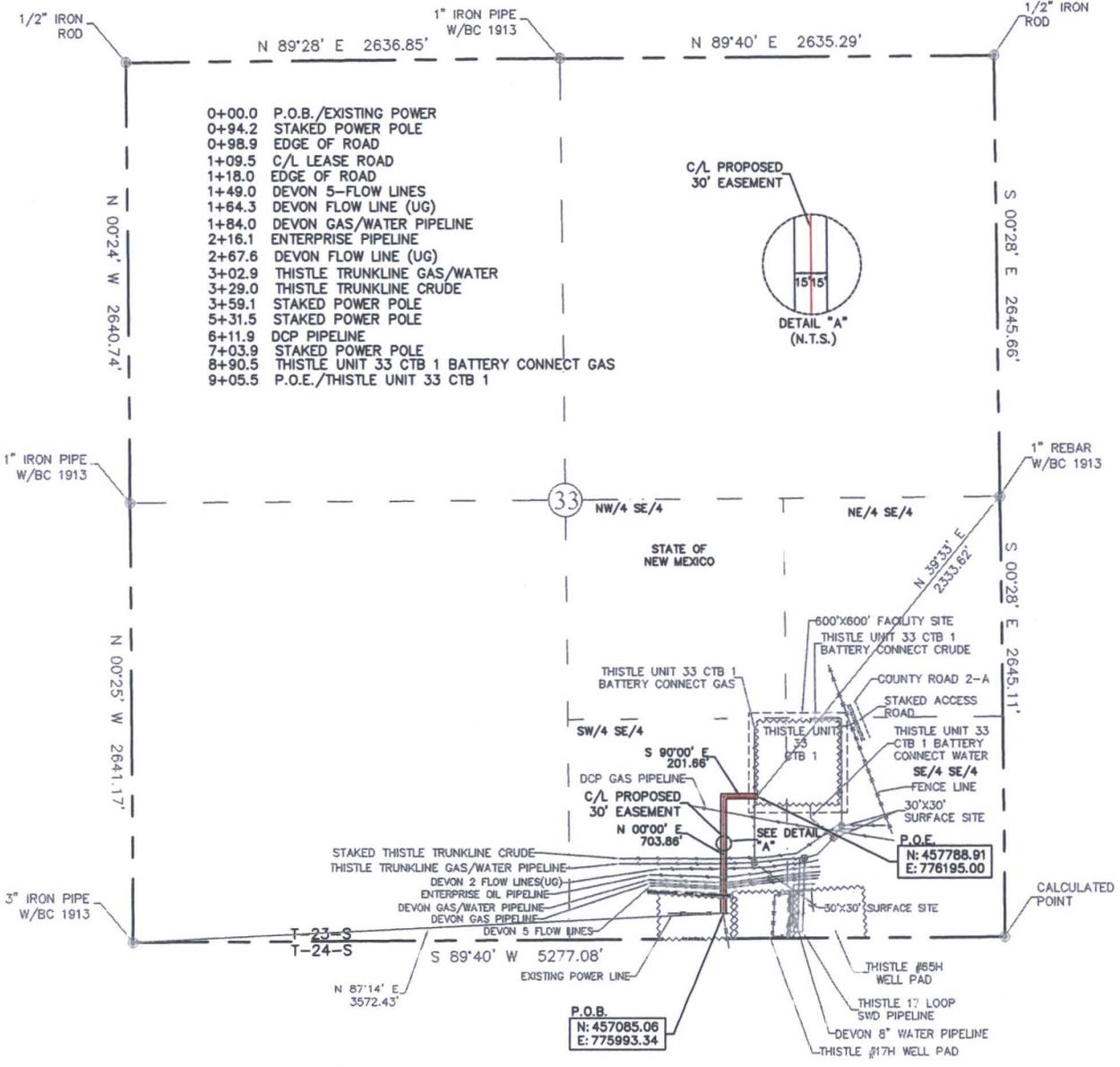
WBS NUMBER:
 CC-121173.01

SCALE:
 1" = 6000'

REVISIONS:

SHEET:
 8 OF 8

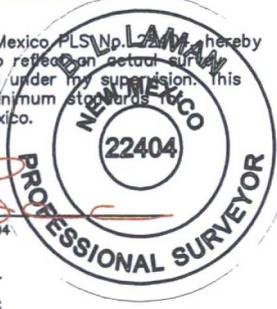
EXHIBIT "A"
PAGE 1 of 2
ELECTRIC LINE PLAT
SECTION 33, T23S-R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



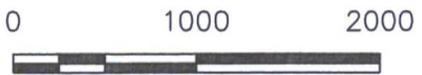
QUARTER/ QUARTER	30' EASEMENT AREA	FEET	RODS
SW 1/4 OF SE 1/4	0.62 ACRES	905.52'	54.88

SEE THE ATTACHED LEGAL DESCRIPTION
Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS #22404
Date Signed: 07-23-2016
Horizonrow, LLC
571 State Street Jasper, TX.
(409) 202-5111 75951
Employee of Horizonrow, LLC



HORIZON ROW LLC		DEVON ENERGY PRODUCTION COMPANY, L.P.	LINE NUMBER: EL7852
Drawn for:		THISTLE UNIT 33 CTB 1 BATTERY ELECTRIC LINE	WBS NUMBER: CC-119491.02
Drawn by: CHRIS MAAS	Date: 07/22/2016	PROPOSED 30' EASEMENT ON THE PROPERTY OF STATE OF NEW MEXICO	SCALE: 1" = 1000'
		SECTION 33, T23S-R33E, N.M.P.M.	REVISIONS:
			SHEET: 1 OF 2

SECTION 33, T23S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

ELECTRIC LINE PLAT

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southwest quarter of the southeast quarter (SW ¼ SE ¼) of Section 33, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 3" iron pipe w/ BC1913 found for the southwest corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 87°14' E, a distance of 3572.43' to the **Point of Beginning** of this easement having coordinates of Northing=457085.06 feet, Easting=775993.34 feet and continuing the following courses;

Thence N 00°00' E, a distance of 703.86' to an angle point;

Thence S 90°00' E, a distance of 201.66' to the **Point of Ending** having coordinates of Northing=457788.91 feet, Easting=776195.00 feet, from said point a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 39°33' E a distance of 2333.62', covering **905.52' or 54.88 rods** and having an area of **0.62 acres**.

NOTES:

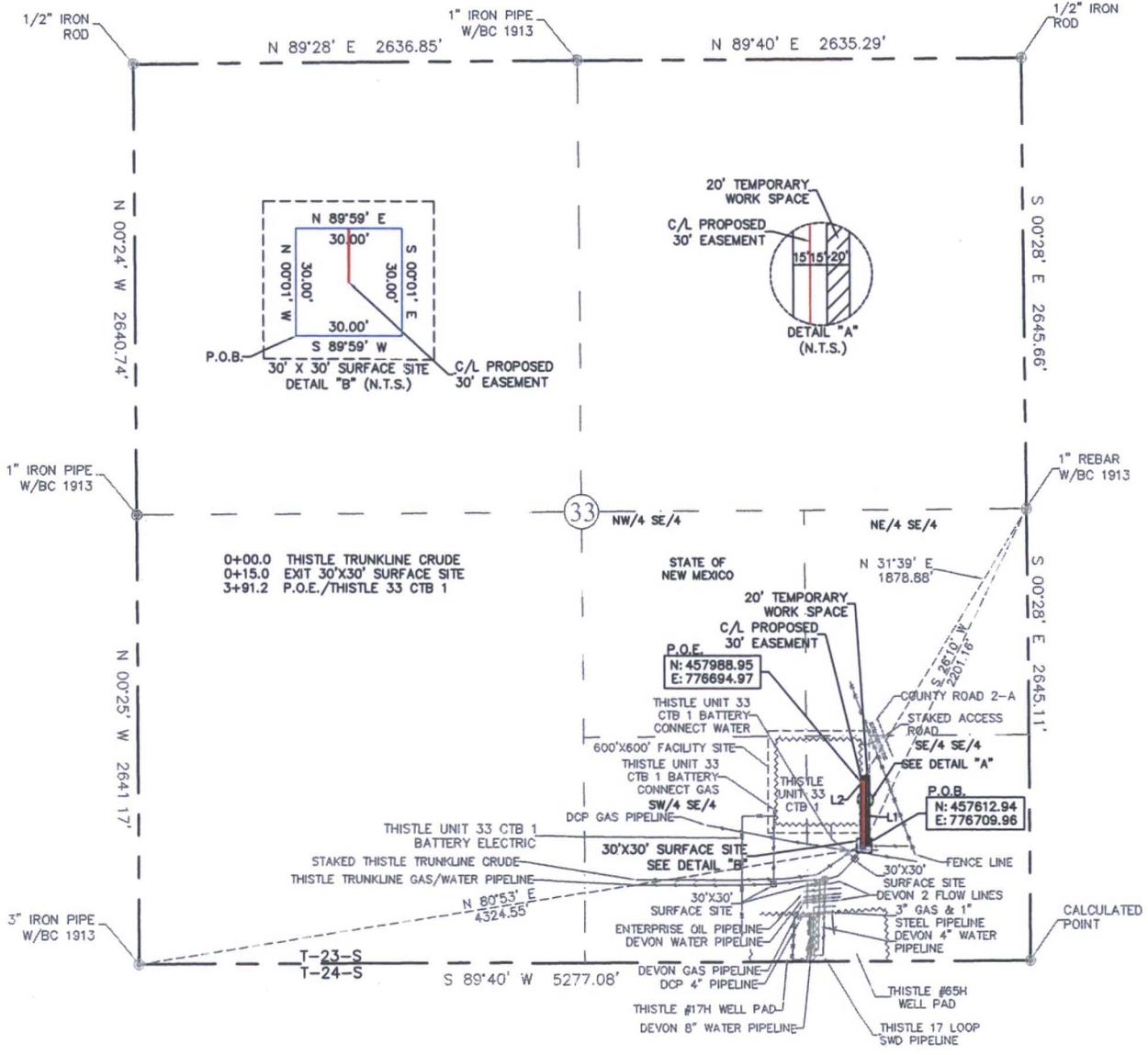
Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.


B.L. Laman PLS 22404
Date Signed: 07/23/2016
Horizon Row, LLC
571 State Street, Jasper, TX
(409) 202-5111 75951
Employee of Horizon Row, LLC



EXHIBIT "A"
PAGE 1 of 2
SECTION 33, T23S-R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



0+00.0 THISTLE TRUNKLINE CRUDE
0+15.0 EXIT 30'X30' SURFACE SITE
3+91.2 P.O.E./THISTLE 33 CTB 1

STATE OF NEW MEXICO

P.O.E.
N: 457988.95
E: 776694.97

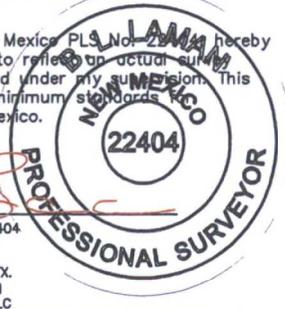
P.O.B.
N: 457612.94
E: 776709.98

QUARTER/ QUARTER	30' X 30' SURFACE SITE	30' EASEMENT AREA	20' TEMPORARY EASEMENT AREA	FEET	RODS
SE 1/4 OF SE 1/4	0.02 ACRES	0.27 ACRES	0.20 ACRES	391.19'	23.71

LINE	BEARING	DISTANCE
L1	N 00°01' E	376.13'
L2	S 89°34' W	15.06'

SEE THE ATTACHED LEGAL DESCRIPTION
Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico Professional Surveyor No. 22404 hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS #22404
Date Signed: 09-30-2016
Horizonrow, LLC
571 State Street Jasper, TX.
(409) 202-5111 75951
Employee of Horizonrow, LLC

HORIZON ROW LLC
Drawn for:

Drawn by: CHRIS MAAS Date: 07/18/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 33 CTB 1
BATTERY CONNECT
(CRUDE)
PROPOSED 30' EASEMENT
ON THE PROPERTY OF
STATE OF NEW MEXICO
SECTION 33, T23S-R33E, N.M.P.M.

LINE NUMBER: 761046Y
WBS NUMBER: CC-121174.02
SCALE: 1" = 1000'
REVISIONS: 9/27/16 CMAAS
SHEET: 1 OF 2



SECTION 33, T23S-R33E, N.M.P.M.,
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southeast quarter of the southeast quarter (SE ¼ SE ¼) of Section 33, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 26°10' W, a distance of 2201.16' to the **Point of Beginning** of this easement having coordinates of Northing=457612.94 feet, Easting=776709.96 feet and continuing the following courses;

Thence N 00°01' E, a distance of 376.13' to an angle point;

Thence S 89°34' W, a distance of 15.06' to the **Point of Ending** having coordinates of Northing=457988.95 feet, Easting=776694.97 feet, from said point a 1" rebar w/ BC1913 found for the east quarter corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 31°39' E a distance of 1878.88', covering **391.19' or 23.71 rods** and having an area of **0.27 acres**.

20' TEMPORARY WORK SPACE DESCRIPTION:

Being a temporary work space twenty (20) feet in width lying on the right side and adjoining the right side of the above described thirty (30) feet easement, having a total area of **0.20 acres**.

30' X 30' SURFACE SITE EASEMENT DESCRIPTION:

Being a surface site easement thirty (30) feet in width and thirty (30) feet in length and out of the southeast quarter of the southeast quarter (SE ¼ SE ¼) of Section 33, T23S-R33E, N.M.P.M. Lea County, New Mexico, and being more particularly described as follows;

Commencing from a 3" iron pipe w/ BC 1913 for the southwest corner of Section 33, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence N 80°53' E a distance of 4324.55' to the **Point of Beginning** of this surface site and continuing the following courses;

N 00°01' W a distance of 30.00' to a point;

N 89°59' E a distance of 30.00' to a point;

S 00°01' E a distance of 30.00' to a point;

S 89°59' W a distance of 30.00' to the point of beginning, having an area of **0.02 acre**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404

Date Signed: 09/30/2016

Horizon Row, LLC

571 State Street, Jasper, TX

(409) 202-5111 75951

Employee of Horizon Row, LLC



- Duration: 30 days. Install 10 days prior to completion. Devon will contact BLM for additional time if needed.
- Disturbance: Existing
- Contents: Treated Water and/or back up will be Fresh Water
- Size of pipe: 10" or 12"
- Length of Pipe: TW-15,455', FW-1,270'
- Type of Pipe: Layflat

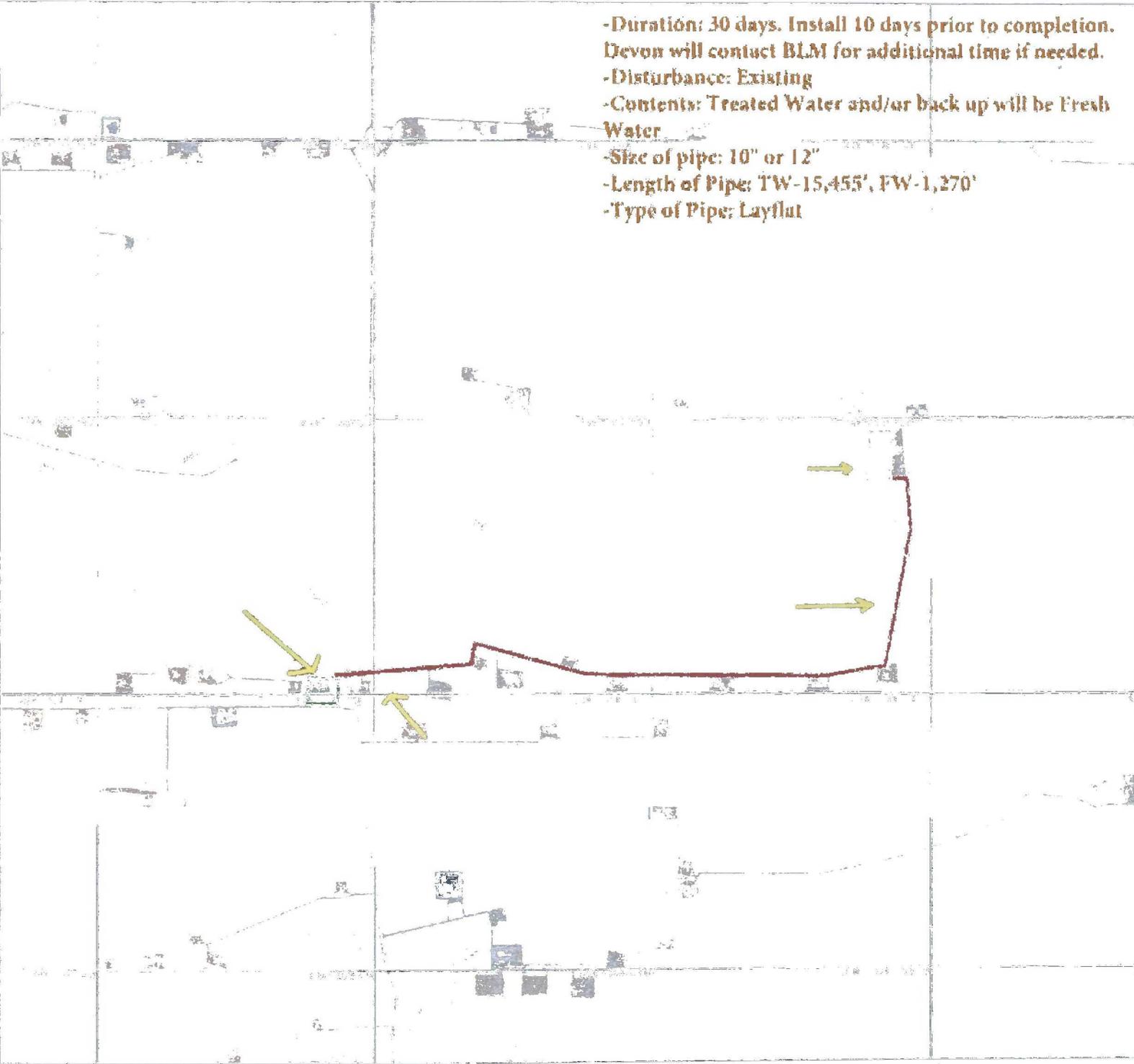


This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as such. Devco makes no warranty, representation, or guarantee of any kind regarding this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by: User
Map is current as of: 22-Jul-2016



Miles
0 0.14 0.28 0.56 1:20,487



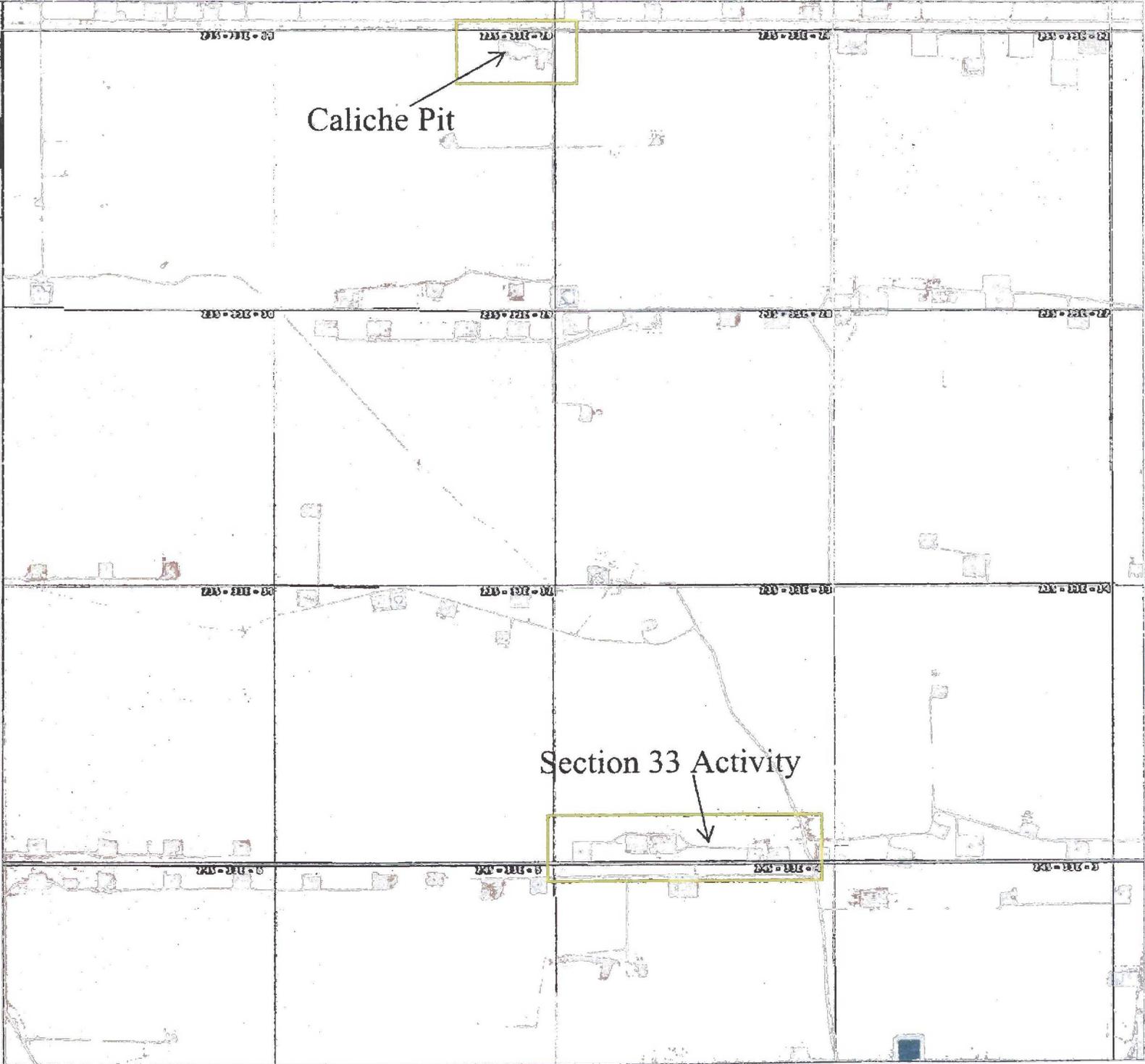
devon

This map is for illustrative purposes only and is not a legally recorded map. It is not intended to be used as a warranty, representation, or promise of any kind regarding this map.

WGS_1984_Web_Mercator_Auxiliary_Sphere
Prepared by: _User
Map is current as of: 12-Dec-2016

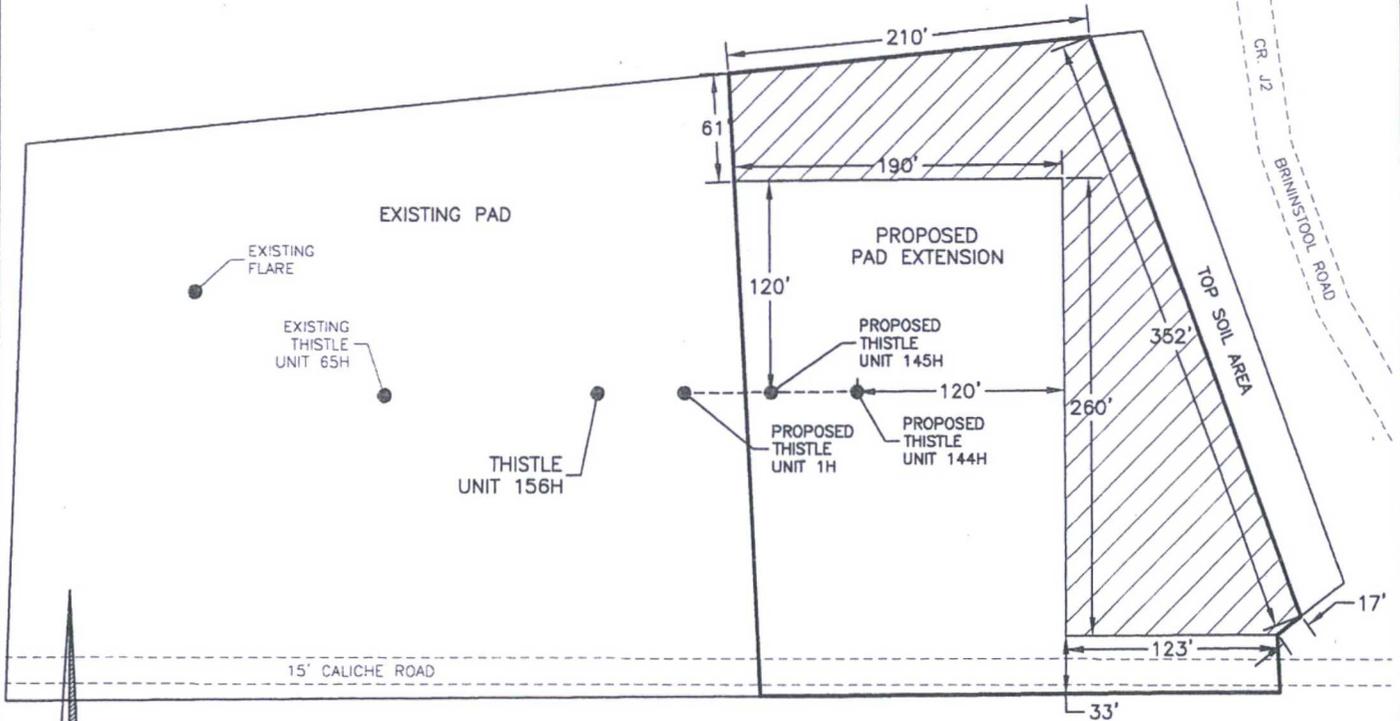
Miles
0 0.14 0.28 0.56 1:28,457

• DWH Currently Drilling
• DWH Currently Fracking

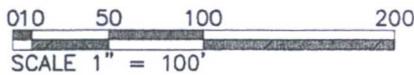


We are contractually obligated to buy Caliche from the Pit as shown from an agreement with the Surface owner. If you need something different please put it in writing so we do not wind up in any litigation.

**PROPOSED INTERIM SITE RECLAMATION
FOR THISTLE UNIT 156H**
SECTION 33, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



 DENOTES RECLAMATION AREA
0.923± ACRES RECLAMATION AREA



DEVON ENERGY PRODUCTION COMPANY, L.P.
THISTLE UNIT 156H
LOCATED 124 FT. FROM THE SOUTH LINE
AND 933 FT. FROM THE EAST LINE OF
SECTION 33, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

JUNE 22, 2016

SURVEY NO. 4716

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