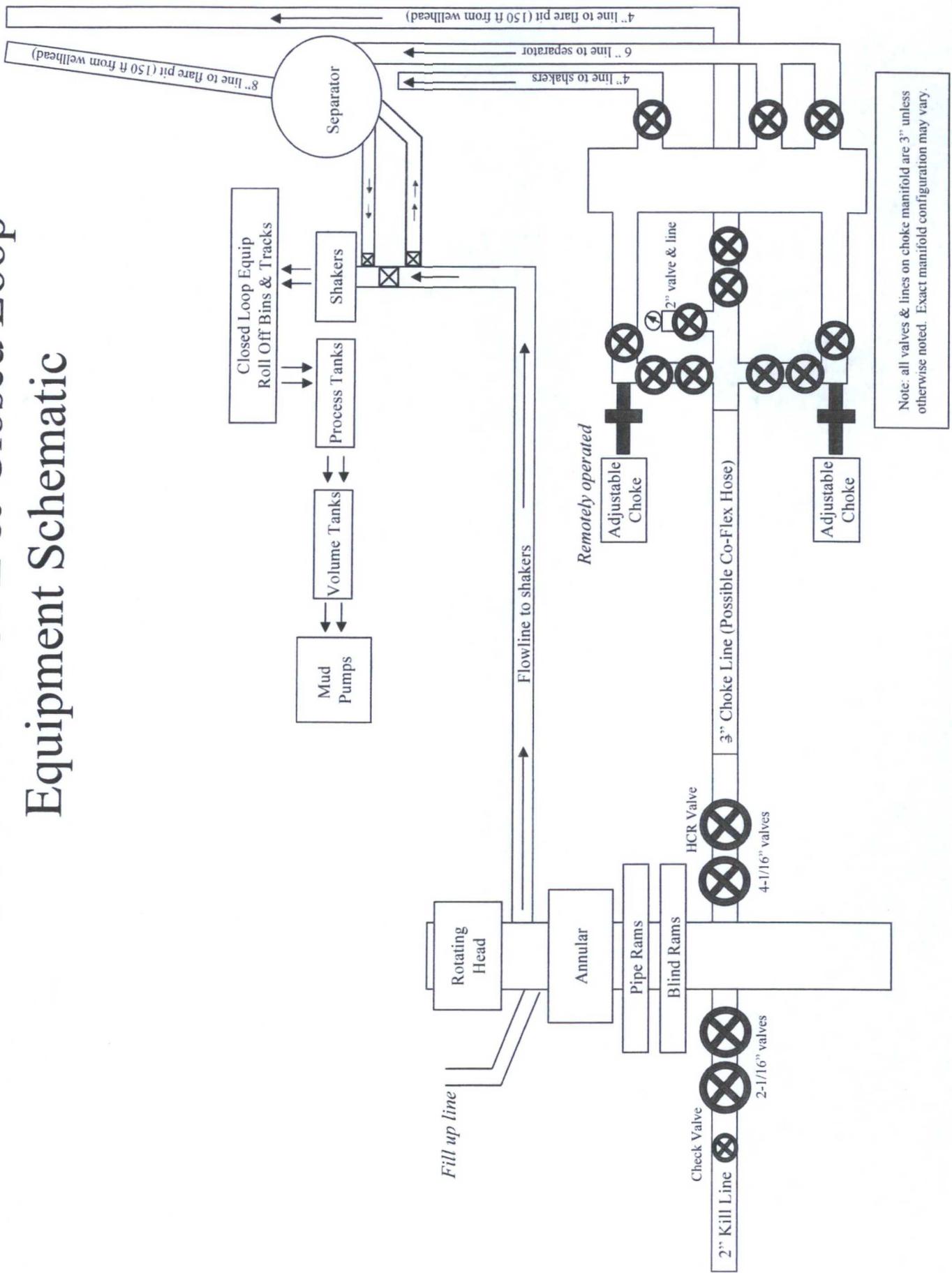


# 13-5/8" 3M BOPE & Closed Loop Equipment Schematic

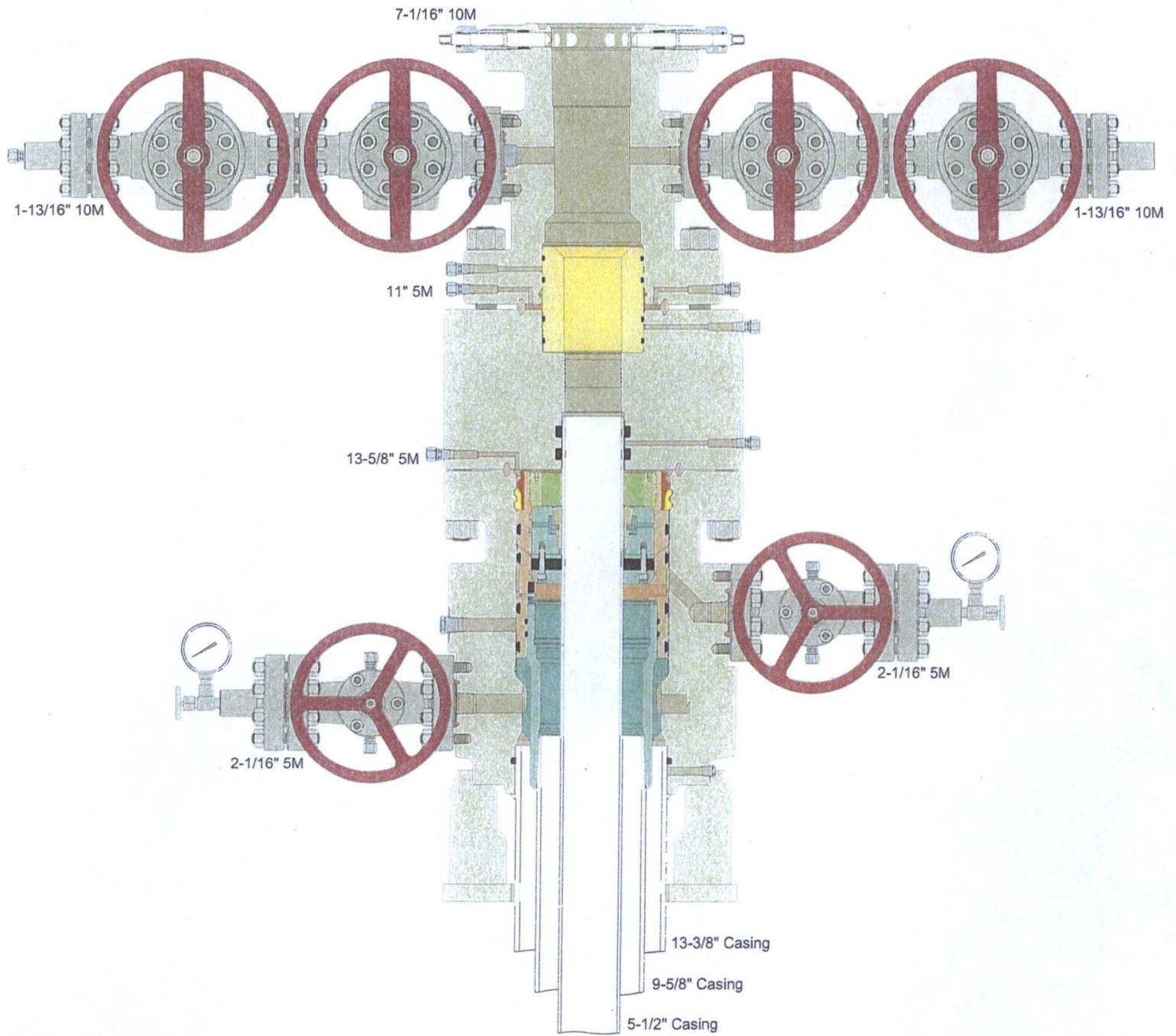


Note: all valves & lines on choke manifold are 3" unless otherwise noted. Exact manifold configuration may vary.

## NOTES REGARDING BLOWOUT PREVENTERS

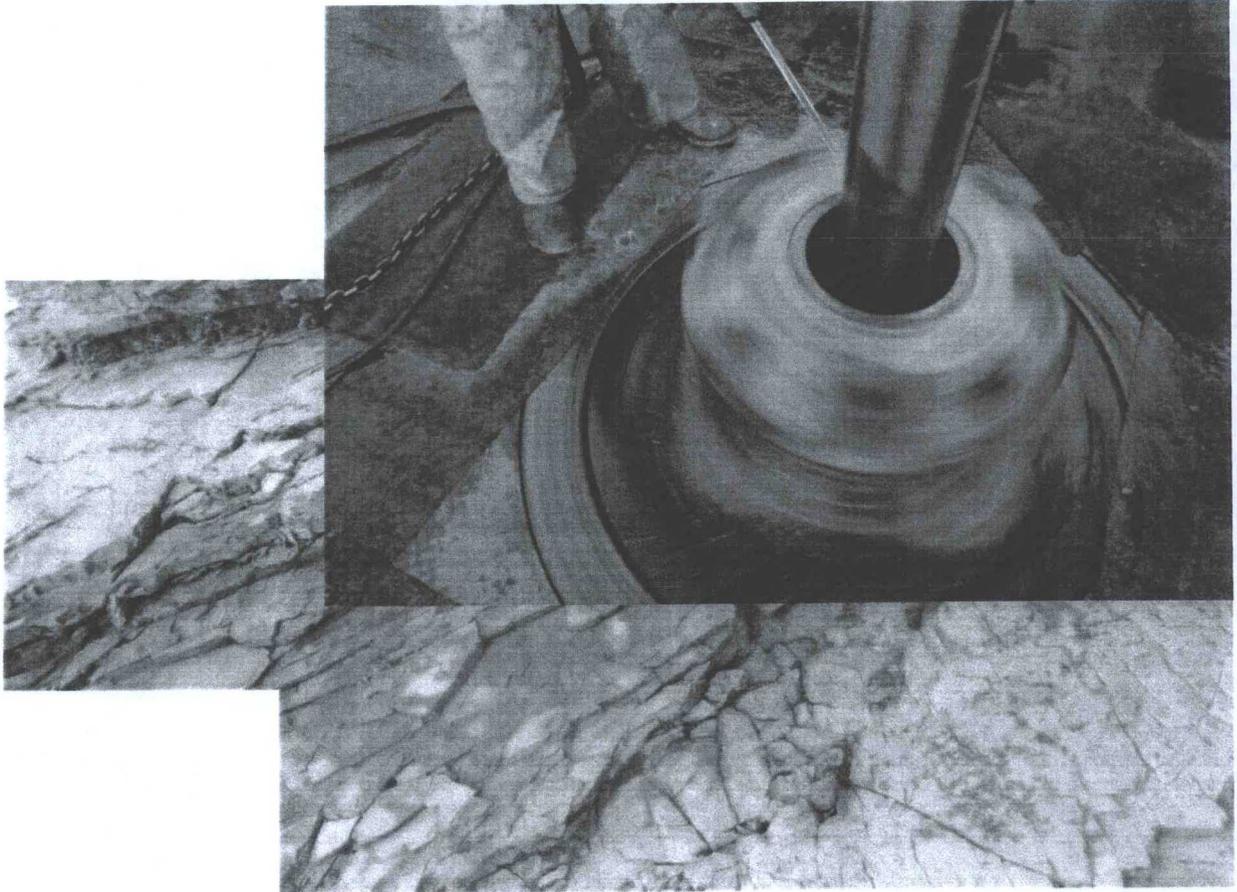
Devon Energy Production Company, L.P.  
**COTTON DRAW UNIT 333H**

1. Drilling Nipple will be constructed so it can be removed mechanically without the aid of a welder. The minimum internal diameter will equal BOP bore.
2. Wear ring will be properly installed in head.
3. Blowout preventer and all associated filings will be in operable condition to withstand a minimum of 3000psi working pressure.
4. All fittings will be flanged.
5. A fill bore safety valve tested to a minimum of 3000psi WP with proper thread connections will be available on the rotary rig floor at all times.
6. All choke lines will be anchored to prevent movement.
7. All BOP equipment will be equal to or larger in bore than the internal diameter of the last casing string.
8. Will maintain a kelly cock attached to the kelly.
9. Hand wheels and wrenches will be properly installed and tested for safe operation.
10. Hydraulic floor control for blowout preventer will be located as near in proximity to driller's controls as possible.
11. All BOP equipment will meet API standards and include a minimum 40 gallon accumulator having two independent means of power to initiate closing operation.





Commitment Runs Deep



Design Plan  
Operation and Maintenance Plan  
Closure Plan

SENM - Closed Loop Systems  
June 2010

## I. Design Plan

Devon uses MI SWACO closed loop system (CLS). The MI SWACO CLS is designed to maintain drill solids at or below 5%. The equipment is arranged to progressively remove solids from the largest to the smallest size. Drilling fluids can thus be reused and savings is realized on mud and disposal costs. Dewatering may be required with the centrifuges to insure removal of ultra fine solids.

The drilling location is constructed to allow storm water to flow to a central sump normally the cellar. This insures no contamination leaves the drilling pad in the event of a spill. Storm water is reused in the mud system or stored in a reserve fluid tank farm until it can be reused. All lubricants, oils, or chemicals are removed immediately from the ground to prevent the contamination of storm water. An oil trap is normally installed on the sump if an oil spill occurs during a storm.

A tank farm is utilized to store drilling fluids including fresh water and brine fluids. The tank farm is constructed on a 20 ml plastic lined, bermed pad to prevent the contamination of the drilling site during a spill. Fluids from other sites may be stored in these tanks for processing by the solids control equipment and reused in the mud system. At the end of the well the fluids are transported from the tank farm to an adjoining well or to the next well for the rig.

Prior to installing a closed-loop system on site, the topsoil, if present, will be stripped and stockpiled for use as the final cover or fill at the time of closure.

Signs will be posted on the fence surrounding the closed-loop system unless the closed-loop system is located on a site where there is an existing well, that is operated by Devon.

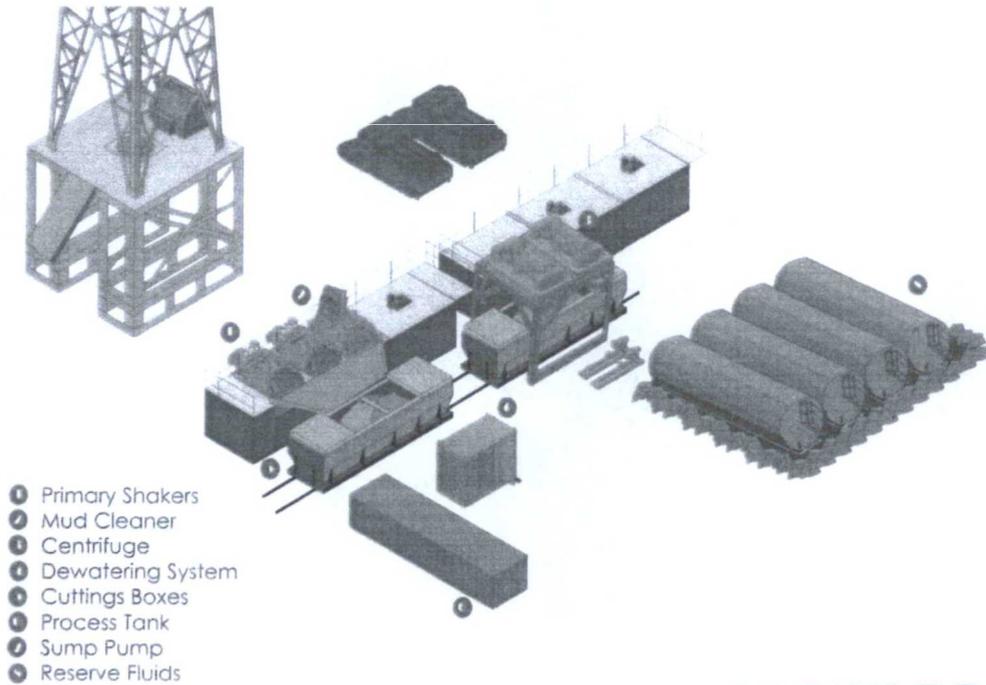
## II. Operations and Maintenance Plan

*Primary Shakers:* The primary shakers make the first removal of drill solids from the drilling mud as it leaves the well bore. The shakers are sized to handle maximum drilling rate at optimal screen size. The shakers normally remove solids down to 74 microns.

**Mud Cleaner:** The Mud Cleaner cleans the fluid after it leaves the shakers. A set of hydrocyclones are sized to handle 1.25 to 1.5 times the maximum circulating rate. This ensures all the fluid is being processed to an average cut point of 25 microns. The wet discharged is dewatered on a shaker equipped with ultra fine mesh screens and generally cut at 40 microns.



Closed Loop Schematic



**Centrifuges:** The centrifuges can be one or two in number depending on the well geometry or depth of well. The centrifuges are sized to maintain low gravity solids at 5% or below. They may or may not need a dewatering system to enhance the removal rates. The centrifuges can make a cut point of 8-10 microns depending on bowl speed, feed rate, solids loading and other factors.

The centrifuge system is designed to work on the active system and be flexible to process incoming fluids from other locations. This set-up is also dependant on well factors.

**Dewatering System:** The dewatering system is a chemical mixing and dosing system designed to enhance the solids removal of the centrifuge. Not commonly used in shallow wells. It may contain pH adjustment, coagulant mixing and dosing, and polymer mixing and dosing. Chemical flocculation binds ultra fine solids into a mass that is within the centrifuge operating design. The

dewatering system improves the centrifuge cut point to infinity or allows for the return of clear water or brine fluid. This ability allows for the ultimate control of low gravity solids.

*Cuttings Boxes:* Cuttings boxes are utilized to capture drill solids that are discarded from the solids control equipment. These boxes are set upon a rail system that allows for the removal and replacement of a full box of cuttings with an empty one. They are equipped with a cover that insures no product is spilled into the environment during the transportation phase.

*Process Tank:* (Optional) The process tank allows for the holding and process of fluids that are being transferred into the mud system. Additionally, during times of lost circulation the process tank may hold active fluids that are removed for additional treatment. It can further be used as a mixing tank during well control conditions.

*Sump and Sump Pump:* The sump is used to collect storm water and the pump is used to transfer this fluid to the active system or to the tank for to hold in reserve. It can also be used to collect fluids that may escape during spills. The location contains drainage ditches that allow the location fluids to drain to the sump.

*Reserve Fluids (Tank Farm):* A series of frac tanks are used to replace the reserve pit. These are steel tanks that are equipped with a manifold system and a transfer pump. These tanks can contain any number of fluids used during the drilling process. These can include fresh water, cut brine, and saturated salt fluid. The fluid can be from the active well or reclaimed fluid from other locations. A 20 ml liner and berm system is employed to ensure the fluids do not migrate to the environment during a spill.

If a leak develops, the appropriate division district office will be notified within 48 hours of the discovery and the leak will be addressed. Spill prevention is accomplished by maintaining pump packing, hoses, and pipe fittings to insure no leaks are occurring. During an upset condition the source of the spill is isolated and repaired as soon as it is discovered. Free liquid is removed by a diaphragm pump and returned to the mud system. Loose topsoil may be used to stabilize the spill and the contaminated soil is excavated and placed in the cuttings boxes. After the well is finished and the rig has moved, the entire location is scrapped and testing will be performed to determine if a release has occurred.

All trash is kept in a wire mesh enclosure and removed to an approved landfill when full. All spent motor oils are kept in separate containers and they are removed and sent to an approved recycling center. Any spilled lubricants, pipe

dope, or regulated chemicals are removed from soil and sent to landfills approved for these products.

These operations are monitored by Mi Swaco service technicians. Daily logs are maintained to ensure optimal equipment operation and maintenance. Screen and chemical use is logged to maintain inventory control. Fluid properties are monitored and recorded and drilling mud volumes are accounted for in the mud storage farm. This data is kept for end of well review to insure performance goals are met. Lessons learned are logged and used to help with continuous improvement.

A MI SWACO field supervisor manages from 3-5 wells. They are responsible for training personnel, supervising installations, and inspecting sites for compliance of MI SWACO safety and operational policy.

### **III. Closure Plan**

A maximum 340' X 340' caliche pad is built per well. All of the trucks and steel tanks fit on this pad. All fluid cuttings go to the steel tanks to be hauled by various trucking companies to an agency approved disposal.



Fluid Technology

ContiTech Beattie Corp.  
Website: [www.contitechbeattie.com](http://www.contitechbeattie.com)

Monday, June 14, 2010

RE: Drilling & Production Hoses  
Lifting & Safety Equipment

To Helmerich & Payne,

A Continental Contitech hose assembly can perform as intended and suitable for the application regardless of whether the hose is secured or unsecured in its configuration. As a manufacturer of High Pressure Hose Assemblies for use in Drilling & Production, we do offer the corresponding lifting and safety equipment, this has the added benefit of easing the lifting and handling of each hose assembly whilst affording hose longevity by ensuring correct handling methods and procedures as well as securing the hose in the unlikely event of a failure; but in no way does the lifting and safety equipment affect the performance of the hoses providing the hoses have been handled and installed correctly. It is good practice to use lifting & safety equipment but not mandatory.

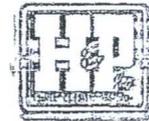
Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

ContiTech Beattie is part of the Continental AG Corporation and can offer the full support resources associated with a global organization.

Best regards,

Robin Hodgson  
Sales Manager  
ContiTech Beattie Corp

ContiTech Beattie Corp,  
11535 Brittmoore Park Drive,  
Houston, TX 77041  
Phone: +1 (832) 327-0141  
Fax: +1 (832) 327-0148  
[www.contitechbeattie.com](http://www.contitechbeattie.com)



RIG 212



QUALITY DOCUMENT

PHOENIX RUBBER INDUSTRIAL LTD.

6728 Szeged, Budapest út 10, Hungary • H-6701 Szeged, P. O. Box 152  
Phone: (3662) 566-737 • Fax: (3662) 566-738

SALES & MARKETING: H-1092 Budapest, Ráday u. 42-44, Hungary • H-1440 Budapest, P. O. Box 26  
Phone: (361) 456-4200 • Fax: (361) 217-2972, 456-4273 • www.tauruserge.hu

<b>QUALITY CONTROL INSPECTION AND TEST CERTIFICATE</b>		CERT. N°: 552	
PURCHASER: Phoenix Beattie Co.		P.O. N°: 1519FA-871	
PHOENIX RUBBER order N°: 170466	HOSE TYPE: 3" ID	Choke and Kill Hose	
HOSE SERIAL N°: 34128	NOMINAL / ACTUAL LENGTH: 11,43 m		
W.P. 68,96 MPa 10000 psi	T.P. 103,4 MPa 15000 psi	Duration: 60	min.

Pressure test with water at ambient temperature

See attachment. (1 page)

↑ 10 mm = 10 Min.  
→ 10 mm = 25 MPa

COUPLINGS

Type	Serial N°	Quality	Heat N°
3" coupling with 4 1/16" Flange end	720 719	AISI 4130	C7626
		AISI 4130	47357

API Spec 16 C  
Temperature rate: "B"

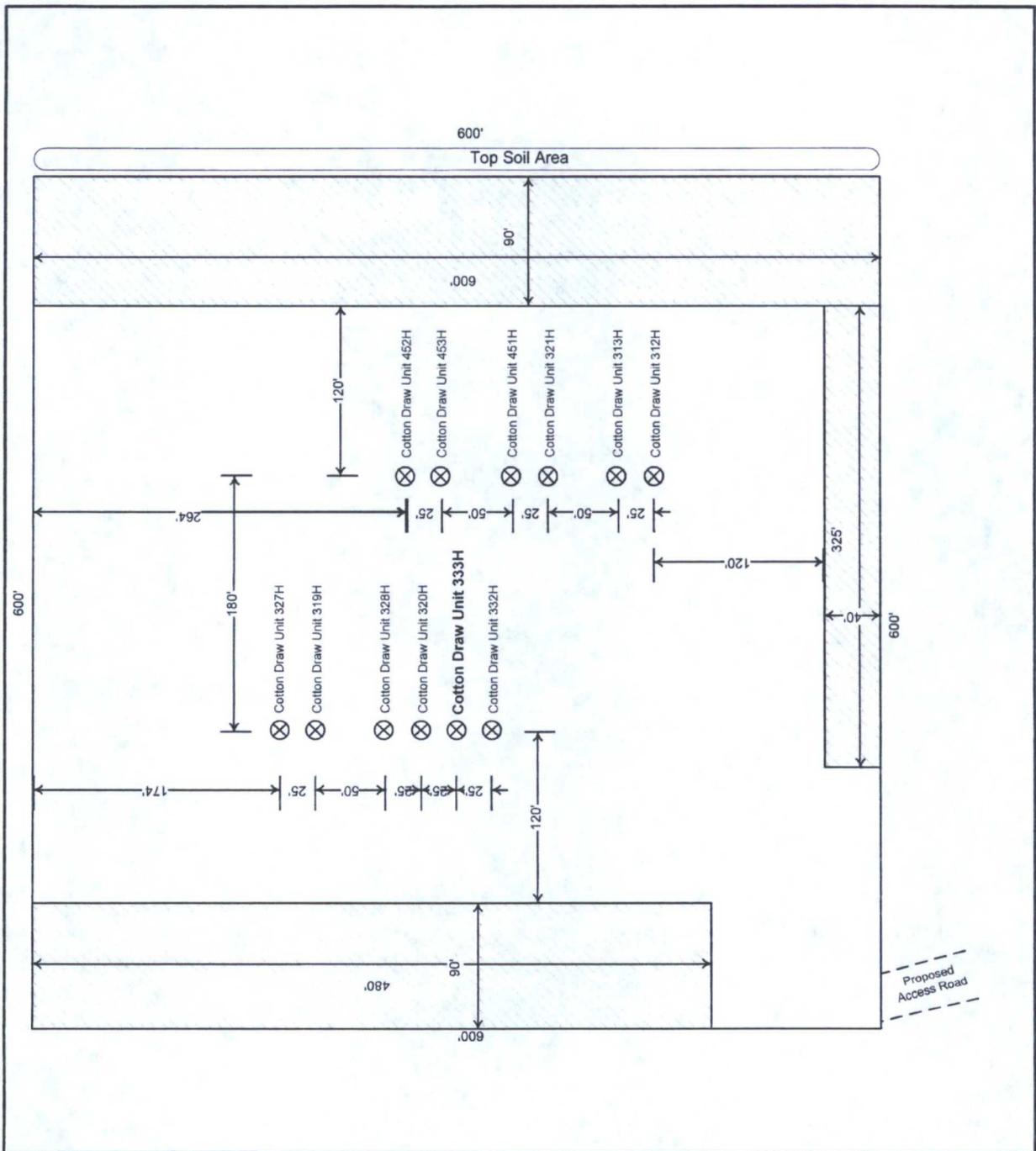
All metal parts are flawless

WE CERTIFY THAT THE ABOVE HOSE HAS BEEN MANUFACTURED IN ACCORDANCE WITH THE TERMS OF THE ORDER AND PRESSURE TESTED AS ABOVE WITH SATISFACTORY RESULT.

Date: 29. April. 2002.	Inspector	Quality Control PHOENIX RUBBER Industrial Ltd. Hose Inspection and PHOENIX RUBBER Q.C.
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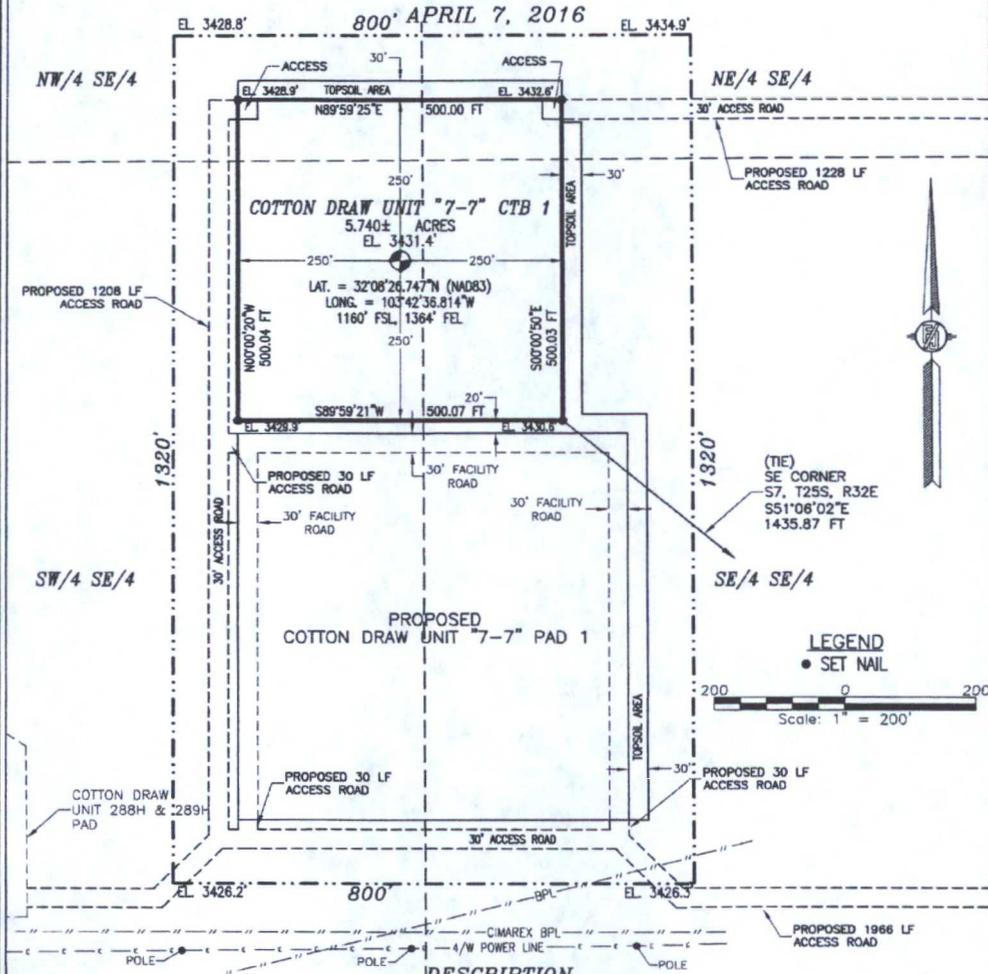




	<p><b>Proposed Interim Site Reclamation</b></p>	<p>Devon Energy Production Co.          Cotton Draw Unit 312H, 313H,          319H, 320H, 327H, 328H, 332H,          333H, 451H, 452H, 453H          Sec. 7-T25S-R32E          Lea County, NM</p>	<p>N</p> 	<p>Proposed Reclamation Area</p>  <p>Scale: 1 in = 70ft.</p> 
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COTTON DRAW UNIT "7-7" CTB 1 (AA000062044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 IN THE SW/4 SE/4 & SE/4 SE/4 & NW/4 SE/4 & NE/4 SE/4 OF  
 SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO



**DESCRIPTION**

A CERTAIN PIECE OR PARCEL OF LAND AND REAL ESTATE LYING IN THE SW/4 SE/4 & SE/4 SE/4 & NW/4 SE/4 & NE/4 SE/4 OF SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHEAST CORNER OF THE PARCEL, WHENCE THE SOUTHEAST CORNER OF SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S51°06'02"E, A DISTANCE OF 1435.87 FEET;  
 THENCE S89°59'21"W A DISTANCE OF 500.07 FEET TO THE SOUTHWEST CORNER OF THE PARCEL;  
 THENCE N00°00'20"W A DISTANCE OF 500.04 FEET TO THE NORTHWEST CORNER OF THE PARCEL;  
 THENCE N89°59'25"E A DISTANCE OF 500.00 FEET TO THE NORTHEAST CORNER OF THE PARCEL;  
 THENCE S00°00'50"E A DISTANCE OF 500.03 FEET TO THE SOUTHEAST CORNER OF THE PARCEL, TO THE POINT OF BEGINNING;  
 CONTAINING 2.651 ACRES IN THE SW/4 SE/4 & 2.009 ACRES IN THE SE/4 SE/4 & 0.617 ACRES IN THE NW/4 SE/4 & 0.463 ACRES IN THE NE/4 SE/4 FOR A TOTAL OF 5.740 ACRES MORE OR LESS.

**GENERAL NOTES**

- 1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A CENTRAL TANK BATTERY
  - 2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE MODIFIED TO THE SURFACE (NAD83)
- DRIVING DIRECTION:** FROM THE INTERSECTION OF STATE HIGHWAY 128 & CR 1 (ORLA HIGHWAY) GO SOUTH ON CR 1 APPROX. 6.2 MILES TO MONSANTO ROAD ON RIGHT (WEST). TURN WEST ON MONSANTO ROAD GO APPROX. 2.1 MILES ROAD TURNS RIGHT (NORTH). GO NORTH APPROX. 0.9 MILE ROAD TURNS LEFT (WEST). GO WEST APPROX. 25'. TURN RIGHT (NORTH) GO NORTH APPROX. 0.40 MILE TO A PROPOSED ROAD LATH ON LEFT (WEST). FOLLOW PROPOSED ROAD LATHS WEST APPROX. 1228' TO THE NORTHEAST PAD CORNER FOR THIS LOCATION.

**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 22<sup>ND</sup> DAY OF APRIL 2016

*Filmon F. Jaramillo*  
 FILMON F. JARAMILLO, REG. 12797  
 301 SOUTH CANAL  
 (575) 234-3341

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

SHEET: 1-3

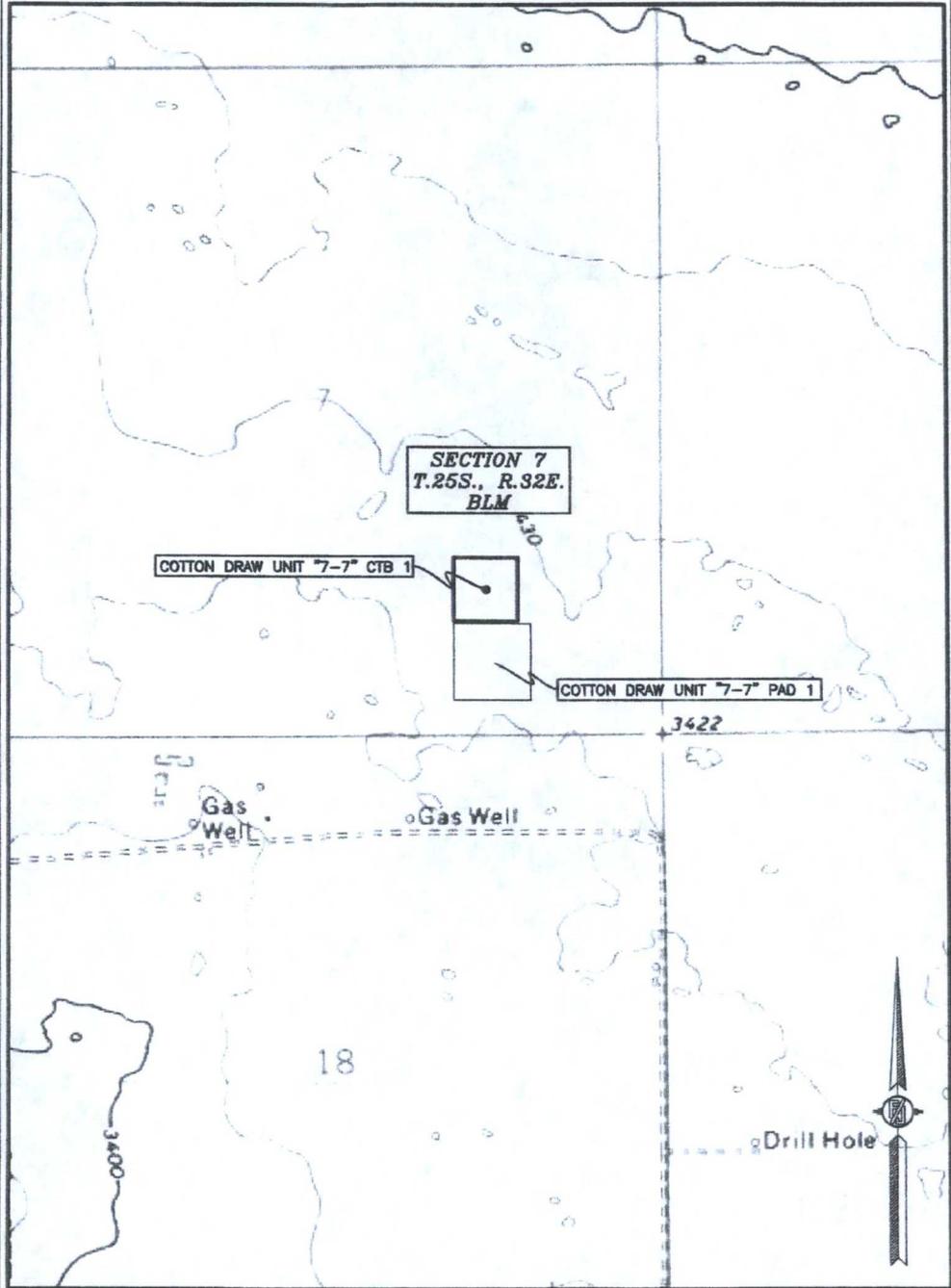
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO SURVEY NO. 4311C

COTTON DRAW UNIT "7-7" CTB 1 (AA000062044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
IN THE SW/4 SE/4 & SE/4 SE/4 & NW/4 SE/4 & NE/4 SE/4 OF  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016

QUAD MAP



SHEET: 2-3

SURVEY NO. 4311C

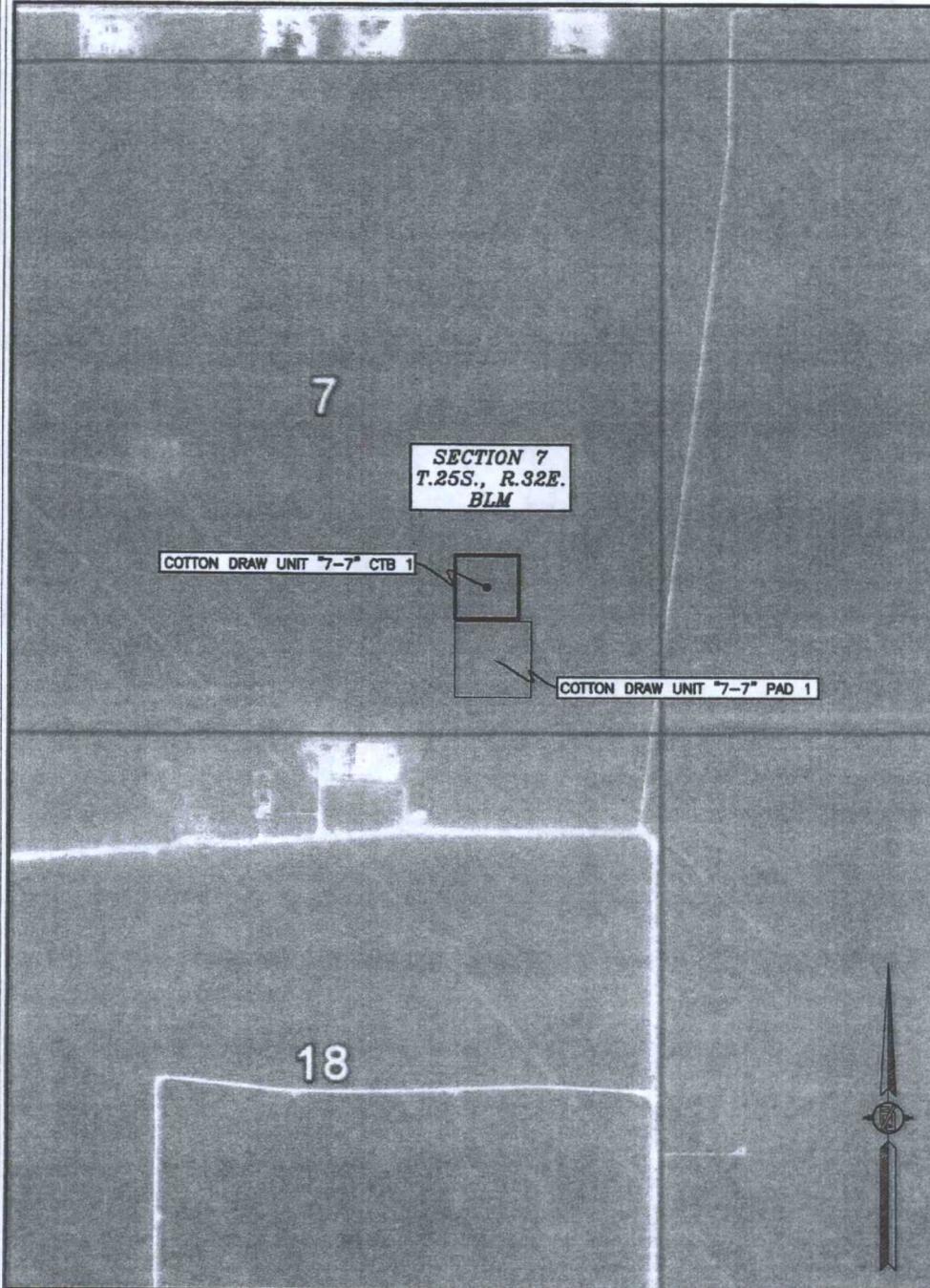
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

COTTON DRAW UNIT "7-7" CTB 1 (AA000062044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
IN THE SW/4 SE/4 & SE/4 SE/4 & NW/4 SE/4 & NE/4 SE/4 OF  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016

AERIAL PHOTO



SHEET: 3-3

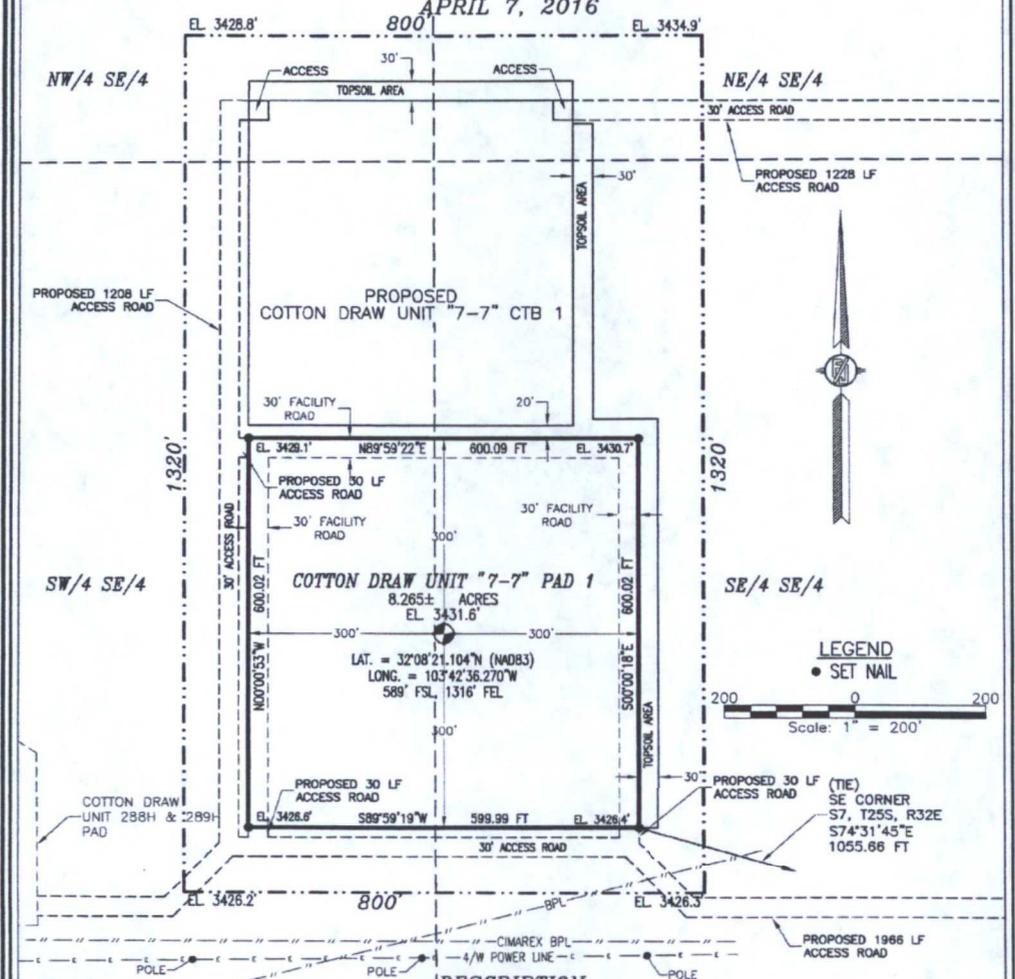
SURVEY NO. 4311C

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

COTTON DRAW UNIT "7-7" PAD 1 (AA000060044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 IN THE SE/4 SE/4 & SW/4 SE/4 OF  
 SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016



**DESCRIPTION**

A CERTAIN PIECE OR PARCEL OF LAND AND REAL ESTATE LYING IN THE SE/4 SE/4 & SW/4 SE/4 OF SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHEAST CORNER OF THE PARCEL, WHENCE THE SOUTHEAST CORNER OF SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S74°31'45"E, A DISTANCE OF 1055.66 FEET;  
 THENCE S89°59'19"W A DISTANCE OF 599.99 FEET TO THE SOUTHWEST CORNER OF THE PARCEL;  
 THENCE N00°00'53"W A DISTANCE OF 600.02 FEET TO THE NORTHWEST CORNER OF THE PARCEL;  
 THENCE N89°59'22"E A DISTANCE OF 600.09 FEET TO THE NORTHEAST CORNER OF THE PARCEL;  
 THENCE S00°00'18"E A DISTANCE OF 600.02 FEET TO THE SOUTHEAST CORNER OF THE PARCEL, TO THE POINT OF BEGINNING;  
 CONTAINING 4.321 ACRES IN THE SE/4 SE/4 & 3.944 ACRES IN THE SW/4 SE/4 FOR A TOTAL OF 8.265 ACRES MORE OR LESS.

**GENERAL NOTES**

- 1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A PAD
  - 2.) BASIS OF BEARING IS NEW MEXICO STATE PLANE EAST ZONE MODIFIED TO THE SURFACE (NAD83)
- DRIVING DIRECTION:** FROM THE INTERSECTION OF STATE HIGHWAY 128 & CR 1 (ORLA HIGHWAY) GO SOUTH ON CR 1 APPROX. 6.2 MILES TO MONSANTO ROAD ON RIGHT (WEST). TURN WEST ON MONSANTO ROAD GO APPROX. 2.1 MILES ROAD TURNS RIGHT (NORTH). GO NORTH APPROX. 0.9 MILE ROAD TURNS LEFT (WEST). GO WEST APPROX. 25'. TURN RIGHT (NORTH) GO NORTH APPROX. 928' TO A PROPOSED ROAD LATH ON LEFT (WEST). FOLLOW PROPOSED ROAD LATH WEST APPROX. 1018', TURN RIGHT GO NORTH 30' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

**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 7th DAY OF APRIL 2016

FILIMON F. JARAMILLO, 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. 4290C

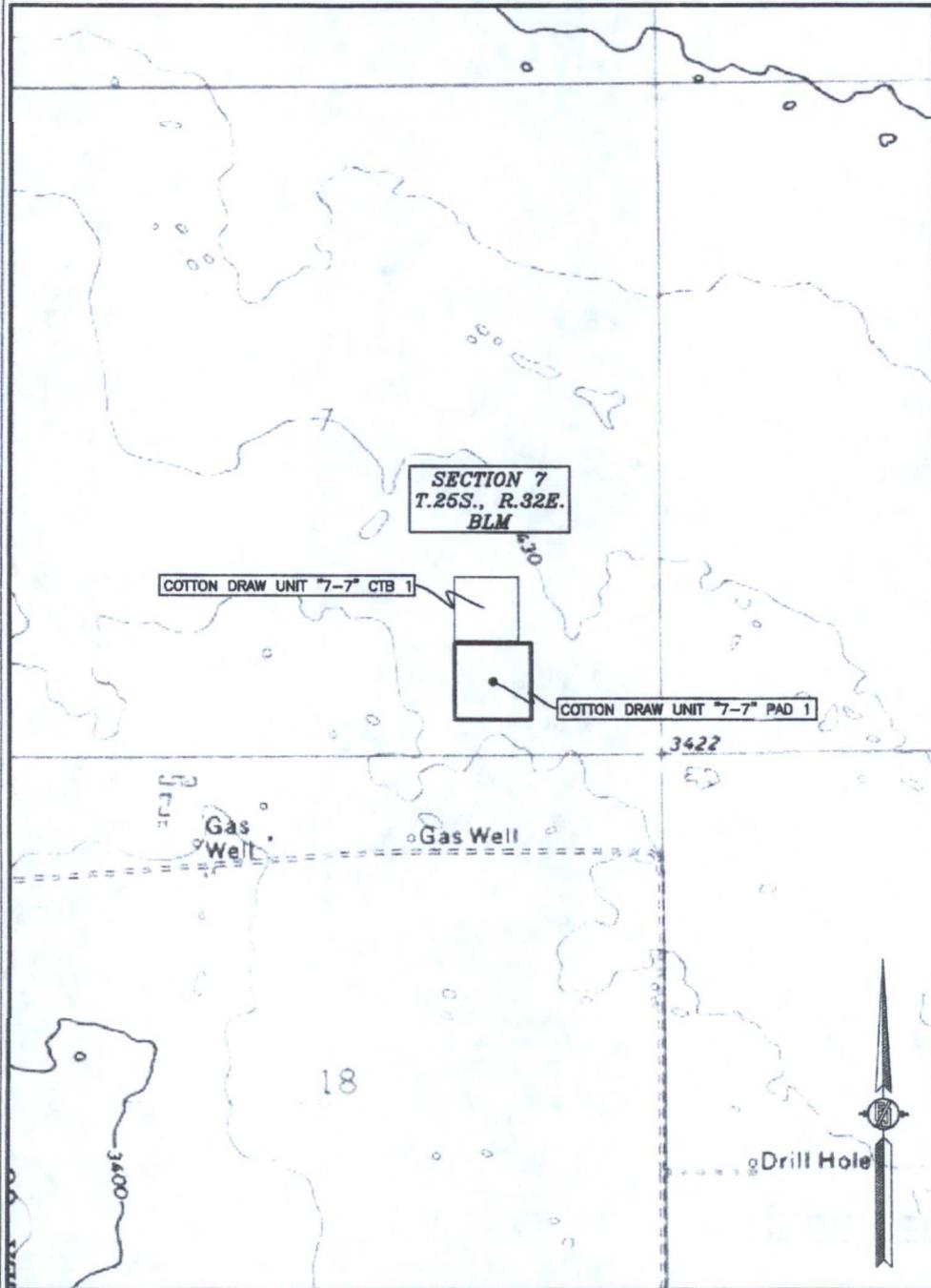
SHEET: 1-3  
 MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

COTTON DRAW UNIT "7-7" PAD 1 (AA000060044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
IN THE SE/4 SE/4 & SW/4 SE/4 OF  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016

QUAD MAP



SHEET: 2-3

SURVEY NO. 4290C

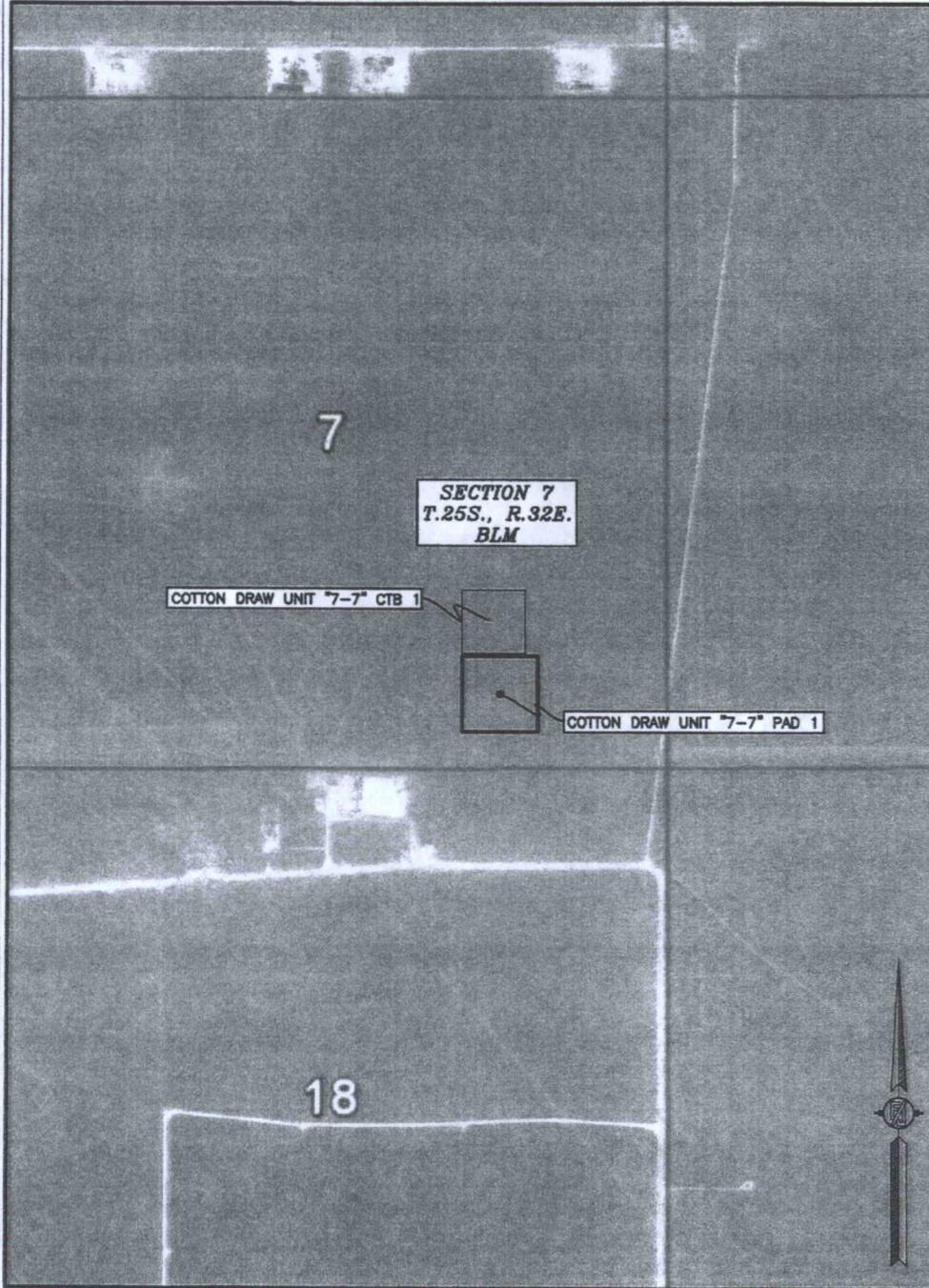
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341

COTTON DRAW UNIT "7-7" PAD 1 (AA000060044)

DEVON ENERGY PRODUCTION COMPANY, L.P.  
IN THE SE/4 SE/4 & SW/4 SE/4 OF  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016

AERIAL PHOTO



SHEET: 3-3

SURVEY NO. 4290C

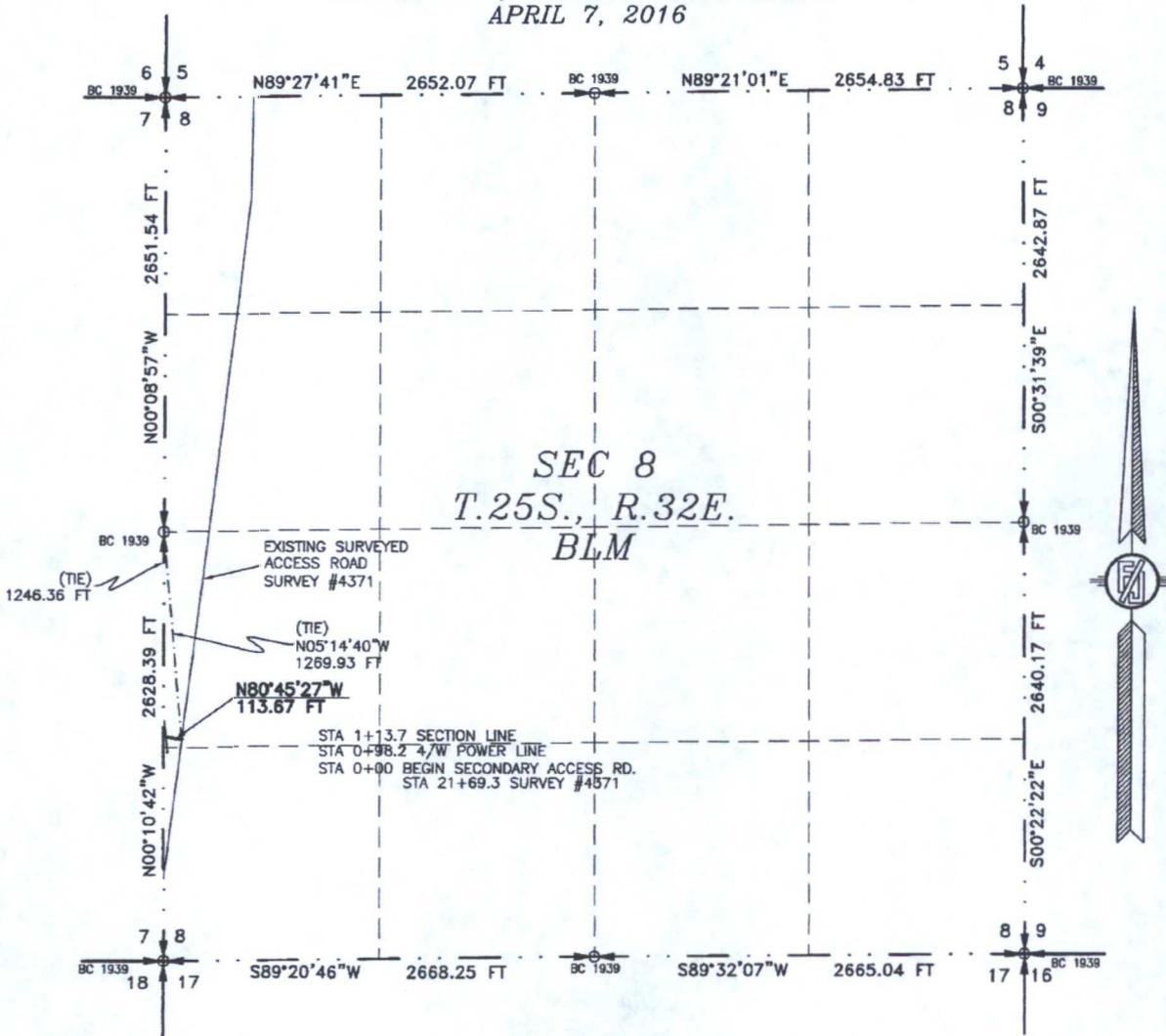
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(976) 234-3341

**ACCESS ROAD PLAT (AA000060044)**

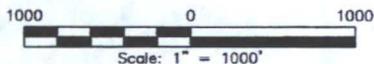
ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 286H & 289H

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

APRIL 7, 2016



SEE NEXT SHEET (2-10) FOR DESCRIPTION



**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 21 DAY OF APRIL 2016

*Filmon F. Jaramillo*  
 FILMON F. JARAMILLO P.L.S. 12797

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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 1-10

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341 SURVEY NO. 4347E

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**APRIL 7, 2016**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 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 SW/4 OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N05°14'40"W, A DISTANCE OF 1269.93 FEET;  
THENCE N80°45'27"W A DISTANCE OF 113.67 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE WEST QUARTER CORNER OF SAID SECTION 8, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N00°10'42"W, A DISTANCE OF 1246.36 FEET;

SAID STRIP OF LAND BEING 113.67 FEET OR 6.89 RODS IN LENGTH, CONTAINING 0.078 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SW/4 113.67 L.F. 6.89 RODS 0.078 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 21 DAY OF APRIL 2016

*Filimon F. Jaramillo*  
FILIMON F. JARAMILLO P.L.C. #12797

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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 2-10

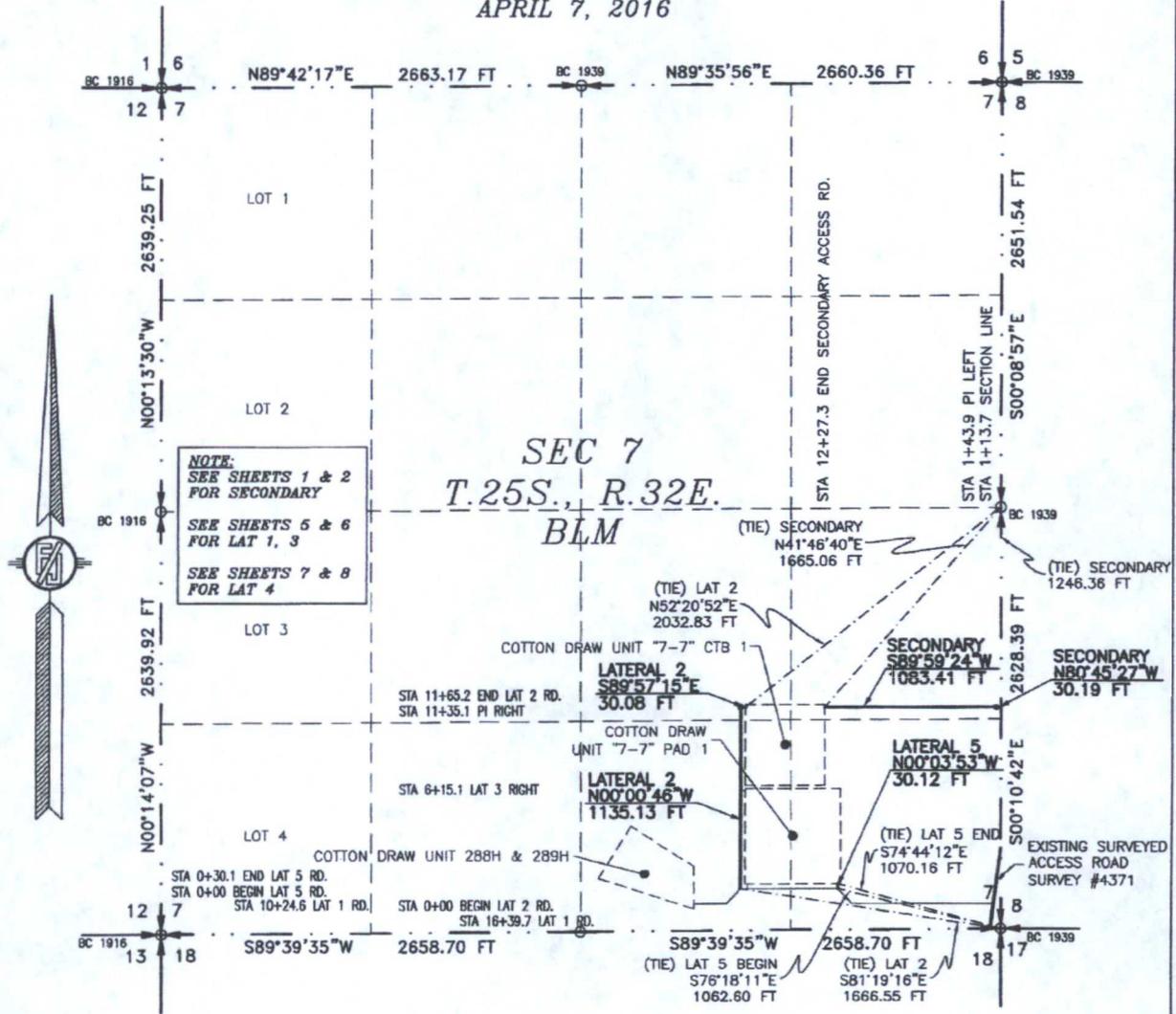
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

SURVEY NO. 4347E

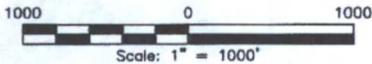
**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 APRIL 7, 2016



SEE NEXT SHEET (4-10) FOR DESCRIPTION



**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 7 DAY OF APRIL 2016

*Filmon F. Jaramillo*  
 REGISTRAR  
 STATE OF NEW MEXICO  
 12797

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

SHEET: 3-10

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341 SURVEY NO. 4347E

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

**DEVON ENERGY PRODUCTION COMPANY, L.P.  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
APRIL 7, 2016**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**SECONDARY ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE NE/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N00°10'42"W, A DISTANCE OF 1246.36 FEET;

THENCE N80°45'27"W A DISTANCE OF 30.19 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°59'24"W A DISTANCE OF 1083.41 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N41°46'40"E, A DISTANCE OF 1665.06 FEET;

SAID STRIP OF LAND BEING 1113.60 FEET OR 67.49 RODS IN LENGTH, CONTAINING 0.767 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 SE/4 1113.60 L.F. 67.49 RODS 0.767 ACRES

**LATERAL 2 ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SW/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S81°19'16"E, A DISTANCE OF 1666.55 FEET;

THENCE N00°00'46"W A DISTANCE OF 1135.13 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°57'15"E A DISTANCE OF 30.08 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N52°20'52"E, A DISTANCE OF 2032.83 FEET;

SAID STRIP OF LAND BEING 1165.21 FEET OR 70.62 RODS IN LENGTH, CONTAINING 0.802 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4 1054.73 L.F. 63.92 RODS 0.726 ACRES  
NW/4 SE/4 110.48 L.F. 6.70 RODS 0.076 ACRES

**LATERAL 5 ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S76°18'11"E, A DISTANCE OF 1062.60 FEET;

THENCE N00°03'53"W A DISTANCE OF 30.12 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S74°44'12"E, A DISTANCE OF 1070.16 FEET;

SAID STRIP OF LAND BEING 30.12 FEET OR 1.83 RODS IN LENGTH, CONTAINING 0.021 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 30.12 L.F. 1.83 RODS 0.021 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 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 21 DAY OF APRIL 2016

*Filmon F. Jaramillo*  
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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 4-10

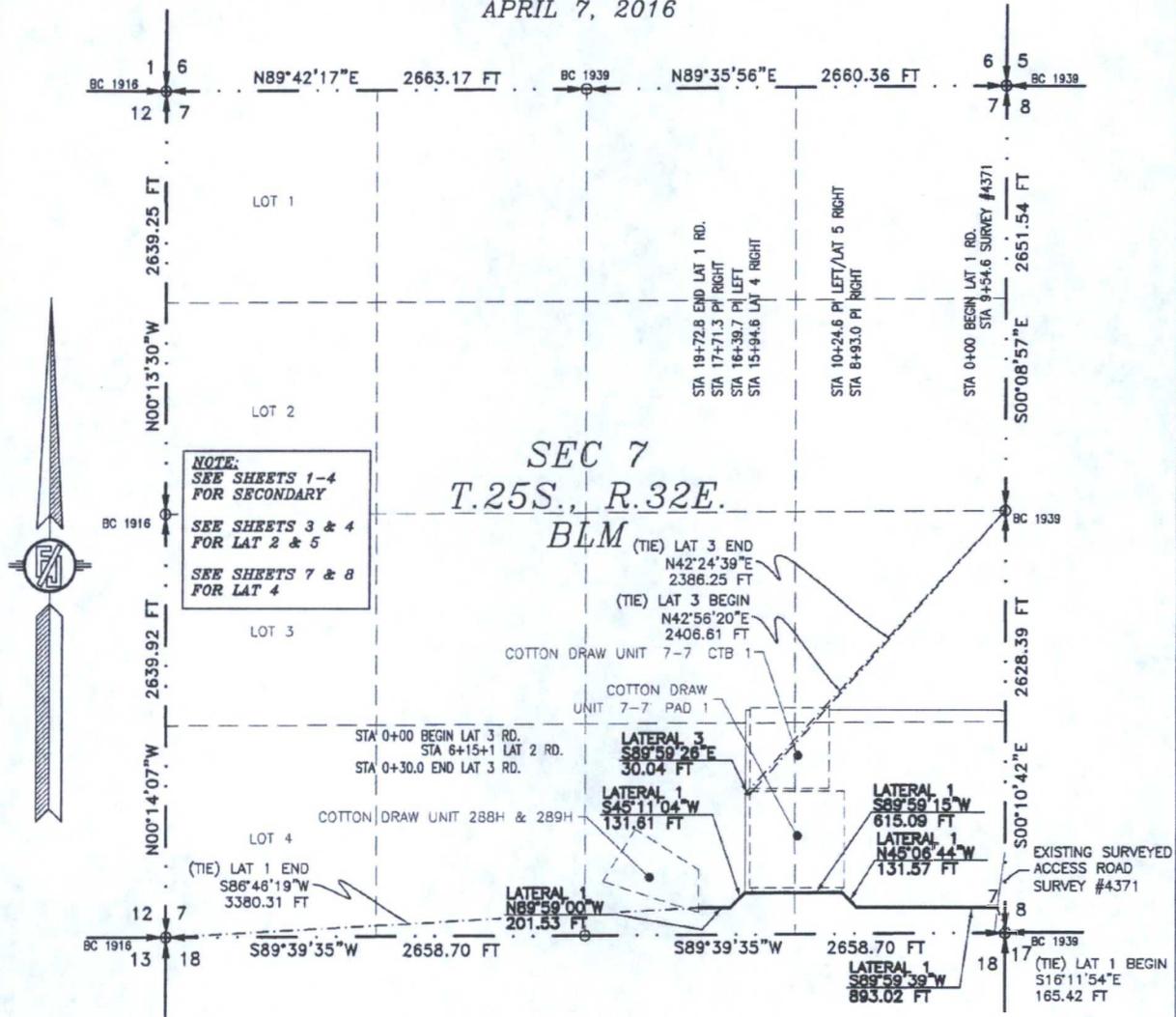
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO SURVEY NO. 4347E

301 SOUTH CANAL  
(575) 234-3341

**ACCESS ROAD PLAT**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 APRIL 7, 2016



SEE NEXT SHEET (6-10) FOR DESCRIPTION

**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 21 DAY OF APRIL, 2016

FILMON F. JARAMILLO REG. 12797  
 PROFESSIONAL SURVEYOR

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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 5-10

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO SURVEY NO. 4347E

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

**DEVON ENERGY PRODUCTION COMPANY, L.P.  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
APRIL 7, 2016**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**LATERAL 1 ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SE/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S16°11'54"E, A DISTANCE OF 165.42 FEET;

THENCE S89°59'39"W A DISTANCE OF 893.02 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N45°06'44"W A DISTANCE OF 131.57 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S89°59'15"W A DISTANCE OF 615.09 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE S45°11'04"W A DISTANCE OF 131.61 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
THENCE N89°59'00"W A DISTANCE OF 201.53 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S86°46'19"W, A DISTANCE OF 3380.31 FEET;

SAID STRIP OF LAND BEING 1972.82 FEET OR 119.56 RODS IN LENGTH, CONTAINING 1.359 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 SE/4 1322.35 L.F. 80.14 RODS 0.911 ACRES  
SW/4 SE/4 650.47 L.F. 39.42 RODS 0.448 ACRES

**LATERAL 3 ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SW/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N42°56'20"E, A DISTANCE OF 2406.61 FEET;

THENCE S89°59'28"E A DISTANCE OF 30.04 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE EAST QUARTER CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS N42°24'39"E, A DISTANCE OF 2386.25 FEET;

SAID STRIP OF LAND BEING 30.04 FEET OR 1.82 RODS IN LENGTH, CONTAINING 0.021 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4 30.04 L.F. 1.82 RODS 0.021 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 21 DAY OF APRIL, 2016

*[Signature]*  
FILIMON F. JARAMILLO PLS 12797

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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 6-10

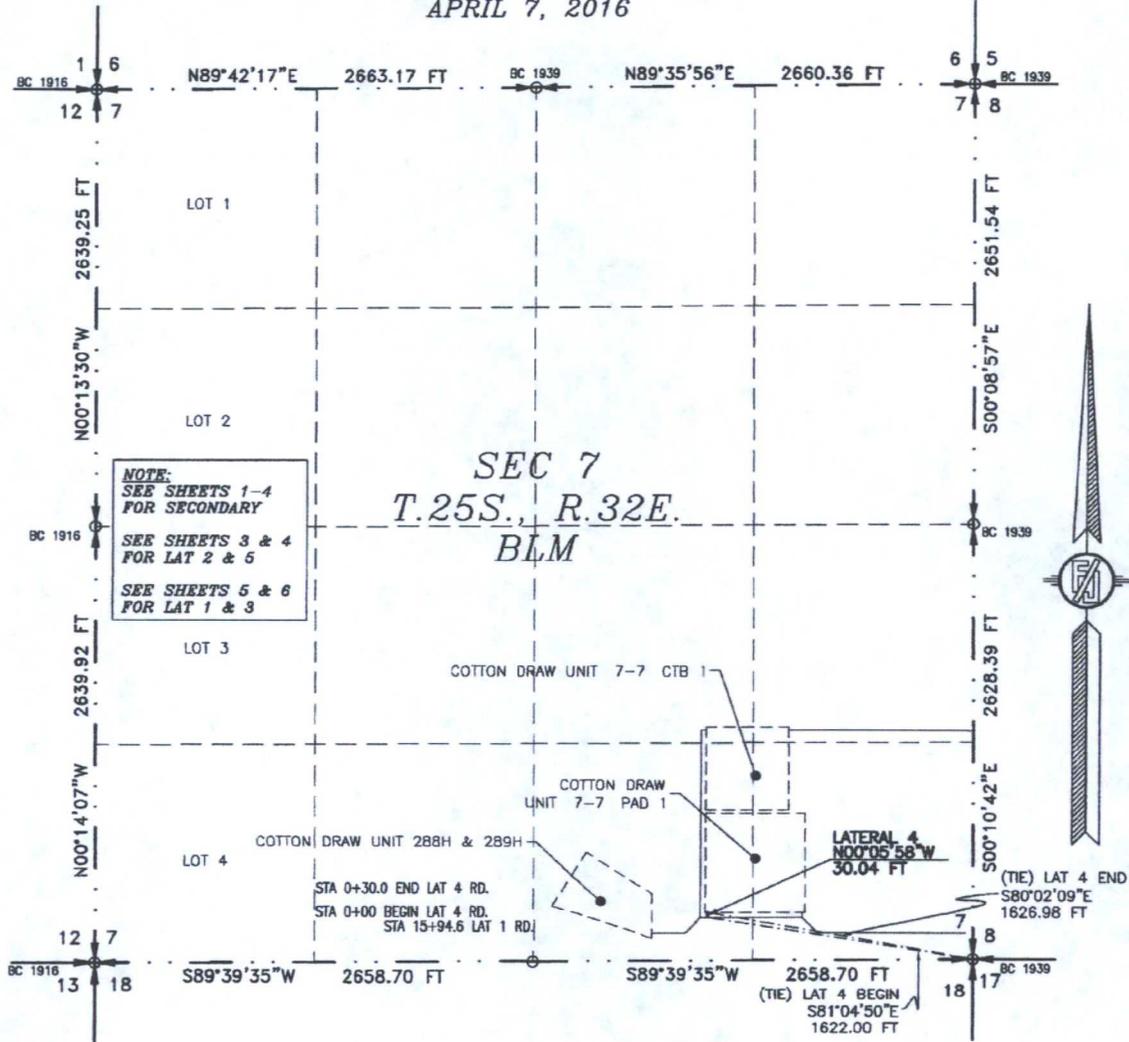
MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO SURVEY NO. 4347E

301 SOUTH CANAL  
(575) 234-3341

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

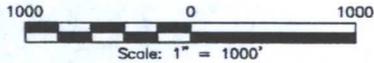
**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**APRIL 7, 2016**



**NOTE:**  
 SEE SHEETS 1-4 FOR SECONDARY  
 SEE SHEETS 3 & 4 FOR LAT 2 & 5  
 SEE SHEETS 5 & 6 FOR LAT 1 & 3



SEE NEXT SHEET (8-10) FOR DESCRIPTION



**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 7 DAY OF APRIL 2016

FILIMON F. JARAMILLO  
 12797  
 REGISTERED PROFESSIONAL SURVEYOR

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 IS NMSP EAST MODIFIED TO SURFACE COORDINATES.

SHEET: 7-10

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

**SURVEY NO. 4347E**

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7' PAD 1, COTTON DRAW UNIT 7-7' CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

**DEVON ENERGY PRODUCTION COMPANY, L.P.**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**APRIL 7, 2016**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

**LATERAL 4 ACCESS ROAD**

BEGINNING AT A POINT WITHIN THE SW/4 SE/4 OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M., WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S81°04'50"E, A DISTANCE OF 1622.00 FEET;  
THENCE N00°05'58"W A DISTANCE OF 30.04 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHEAST CORNER OF SAID SECTION 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M. BEARS S80°02'09"E, A DISTANCE OF 1626.98 FEET;

SAID STRIP OF LAND BEING 30.04 FEET OR 1.82 RODS IN LENGTH, CONTAINING 0.021 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SE/4 30.04 L.F. 1.82 RODS 0.021 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 7<sup>th</sup> DAY OF APRIL 2016

**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.

FILIMON F. JARAMILLO, No. 12797

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

SHEET: 8-10

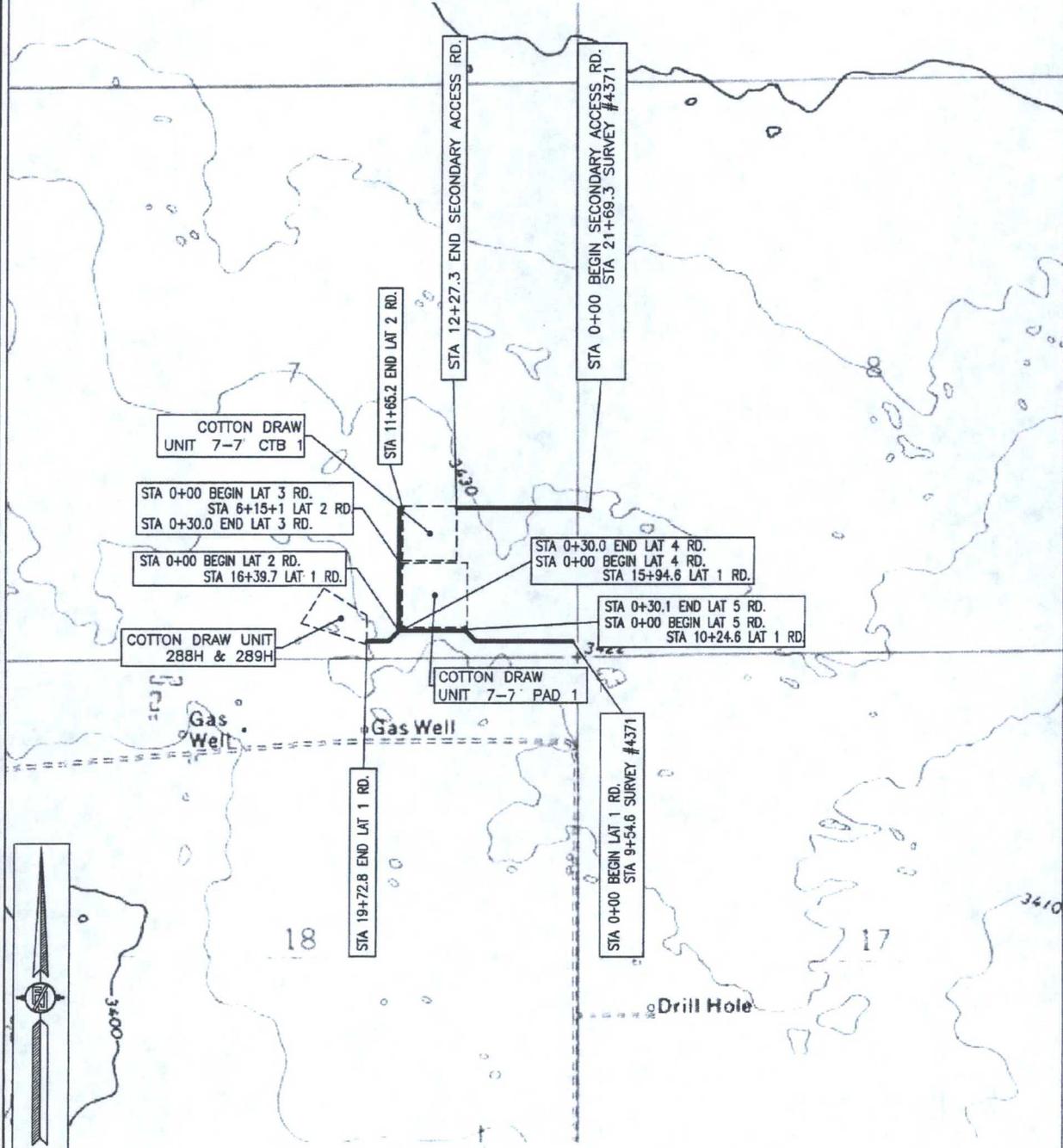
MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO (575) 234-3341

SURVEY NO. 4347E

**ACCESS ROAD PLAT**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

DEVON ENERGY PRODUCTION COMPANY, L.P.  
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTIONS 8, 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
APRIL 7, 2016



SHEET: 9-10

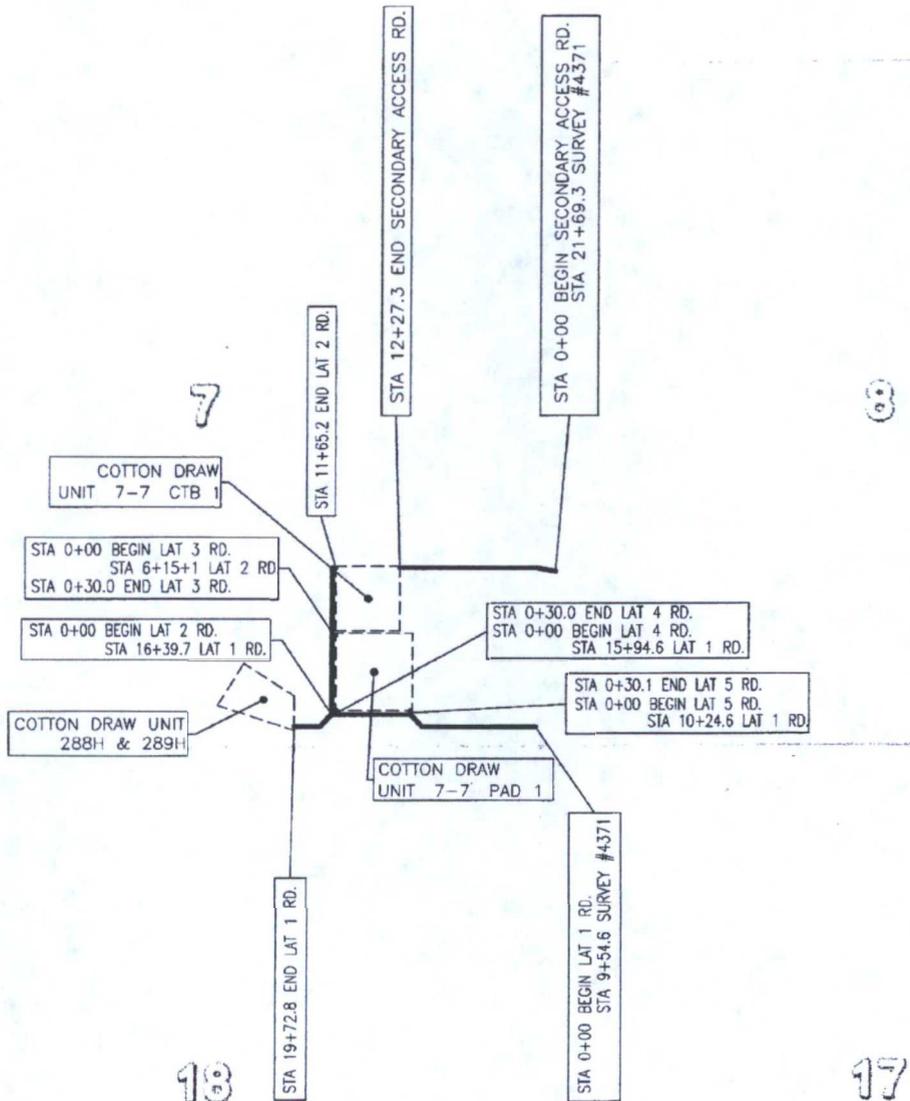
MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341 CARLSBAD, NEW MEXICO

SURVEY NO. 4347E

**ACCESS ROAD PLAT (AA000060044)**

ACCESS ROAD TO THE COTTON DRAW UNIT 7-7 PAD 1, COTTON DRAW UNIT 7-7 CTB 1, AND THE COTTON DRAW UNIT 288H & 289H

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTIONS 8, 7, TOWNSHIP 25 SOUTH, RANGE 32 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 APRIL 7, 2016

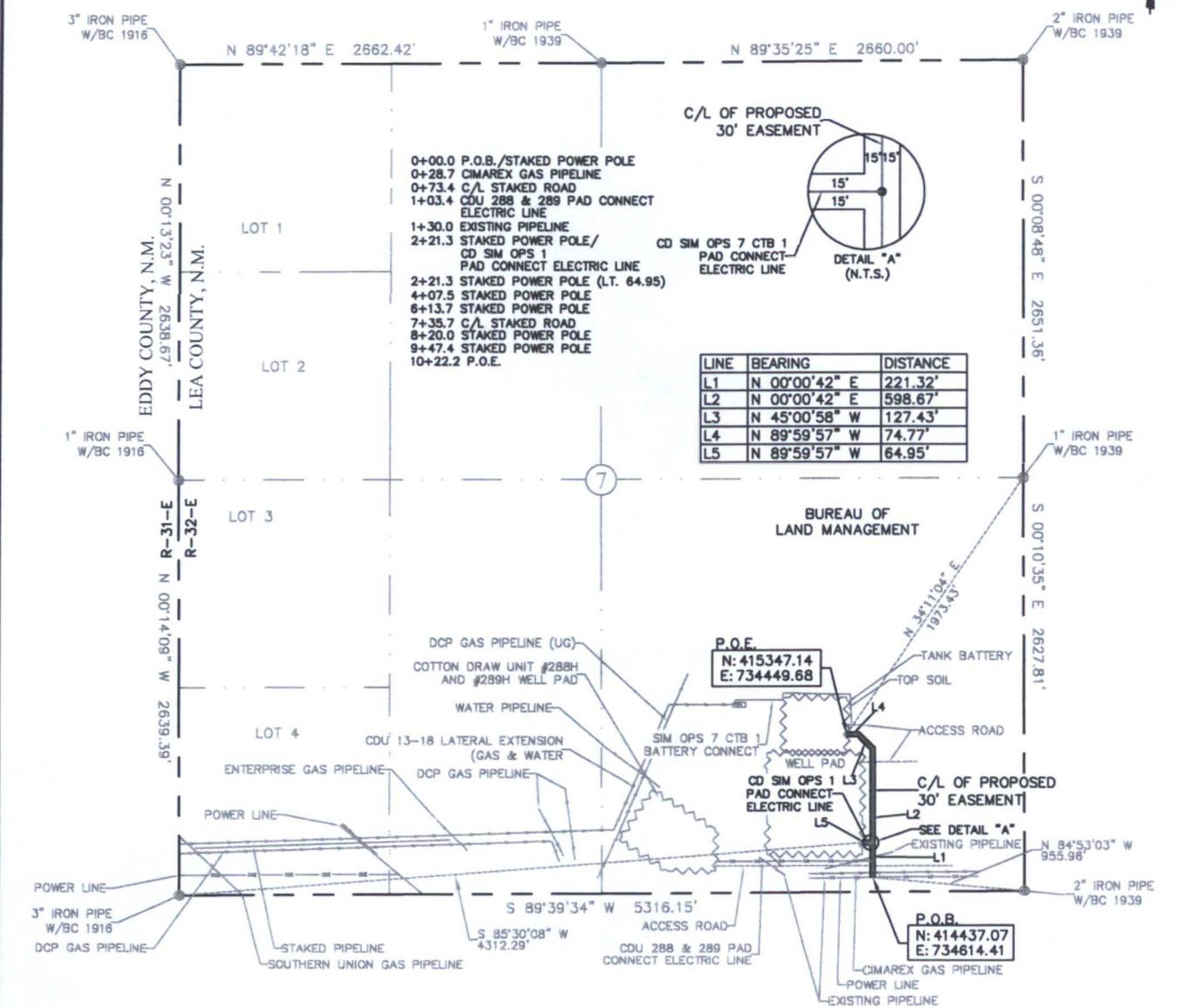


SHEET: 10-10

SURVEY NO. 4347E

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

EXHIBIT "A"  
 PAGE 1 of 5  
 ELECTRIC LINE PLAT  
 SECTION 7, T25S-R32E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO



30' EASEMENT AREA = 0.738 ACRE(S)  
 1087.14 FEET OR 65.88 RODS

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.

LEGEND  
 ● POWER POLE

0 1000 2000

I, B.L. Laman, New Mexico PLS #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**  
 PROFESSIONAL SURVEYOR  
 22404

B.L. Laman PLS #22404  
 Date Signed: 01-31-2016  
 Horizonrow, LLC  
 571 State Street Jasper, TX  
 (409) 202-5111 75951  
 Employee of Horizonrow, LLC

<b>HORIZONROW LLC</b>		WBS NUMBER:	LINE NUMBER:
XCEL TO CD SIM OPS CTB 1 BATTERY CONNECT ELECTRIC LINE		CC-112971.AL	
CD SIM OPS 1 PAD CONNECT ELECTRIC LINE		CC-112971.AL	
Drawn for:	DEVON ENERGY PRODUCTION COMPANY, L.P.		
<b>devon</b>		SCALE: 1" = 1000'	
Drawn by: CHRIS MAAS	Date: 01/21/2016	PROPOSED 30' EASEMENT ON THE PROPERTY OF BUREAU OF LAND MANAGEMENT SECTION 7, T25S-R32E, N.M.P.M.	
		REVISIONS: 1/29/16 C.MAAS SHEET: 1 OF 5	

SECTION 7, T25S-R32E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

ELECTRIC LINE PLAT

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

BUREAU OF LAND MANAGEMENT

**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 (SE ¼) of Section 7, Township 25 South, Range 32 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the Bureau of Land Management. Said centerline of easement being more particularly described as follows:

Commencing from a 2" iron pipe w/ BC1939 found for the southeast corner of Section 7, T25S-R32E, N.M.P.M., Lea County, New Mexico;

Thence N 84°53'03" W a distance of 955.96' to the **Point of Beginning** of this easement having coordinates of Northing=414437.07, Easting=734614.41 feet and continuing the following courses;

Thence N 00°00'42" E a distance of 221.32' to the first point of intersection;

Thence N 89°59'57" W a distance of 64.95' to a point of termination of a portion of this easement in the southeast quarter of Section 7, T25S-R32E, N.M.P.M., where a 3" iron pipe w/BC 1916 for the southwest corner of said Section 7 bears for reference S 85°30'08" W a distance of 4312.29';

Thence resuming from said first point of intersection N 00°00'42" E a distance of 598.67' to an angle point;

Thence N 45°00'58" W a distance of 127.43' to an angle point;

Thence N 89°59'57" W a distance of 74.77' to the **Point of Ending** having coordinates of Northing= 415347.14, Easting= 734449.68 feet in the southeast quarter of Section 7, T25S-R32E, N.M.P.M., Lea County, New Mexico, from said point a 1" iron pipe w/BC

1939 for the east quarter corner of Section 7, T25S-R32E, bears N 34°11'04" E a distance of 1973.43', covering **1087.14' or 65.88 rods** and having an area of **0.738 acres**.

**NOTES:**

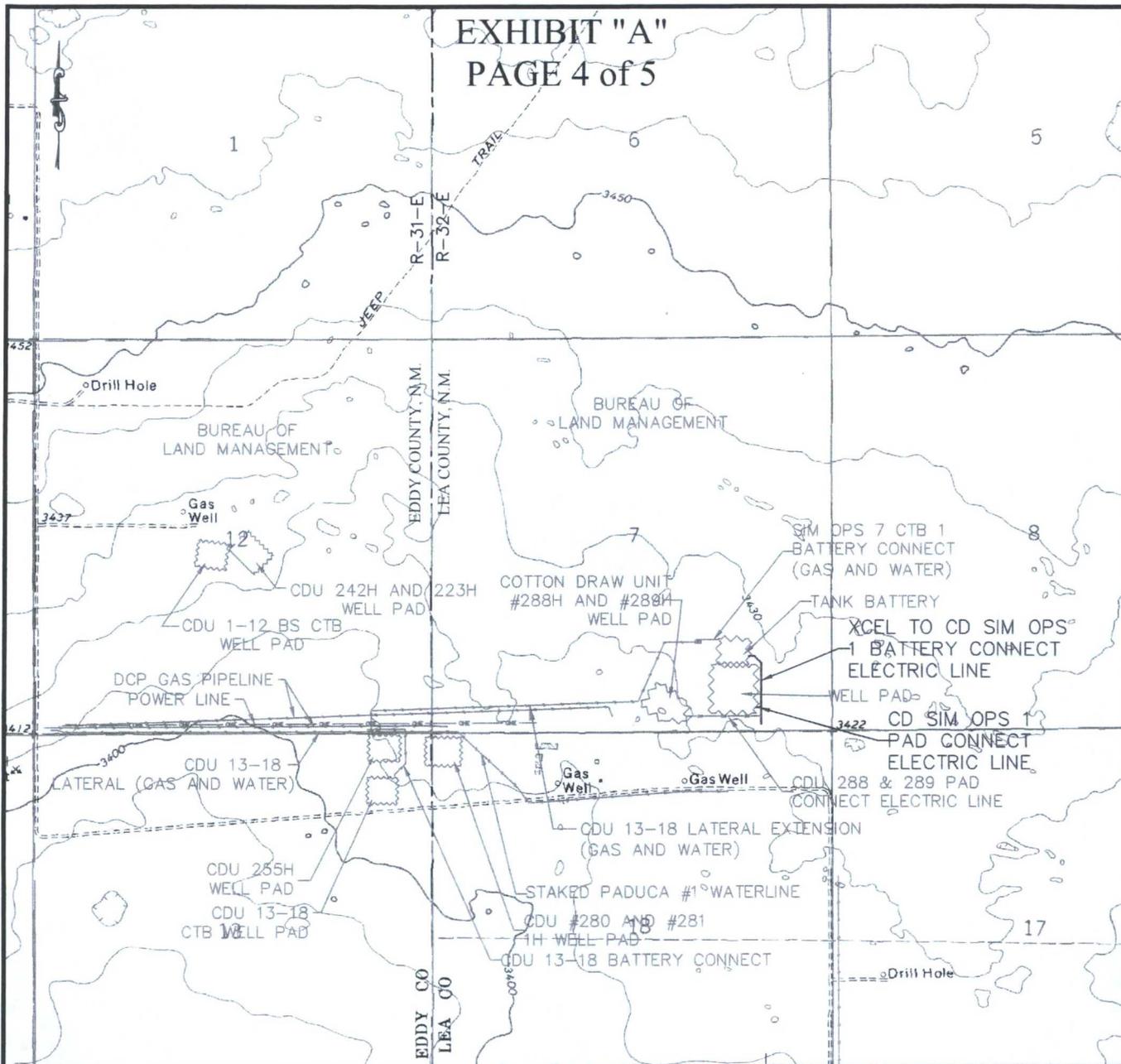
Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

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: 01-31-2016  
Horizon Row, LLC  
571 State Street Jasper, Tx  
(409) 202-5111      75951  
Employee of Horizon Row, LLC



EXHIBIT "A"  
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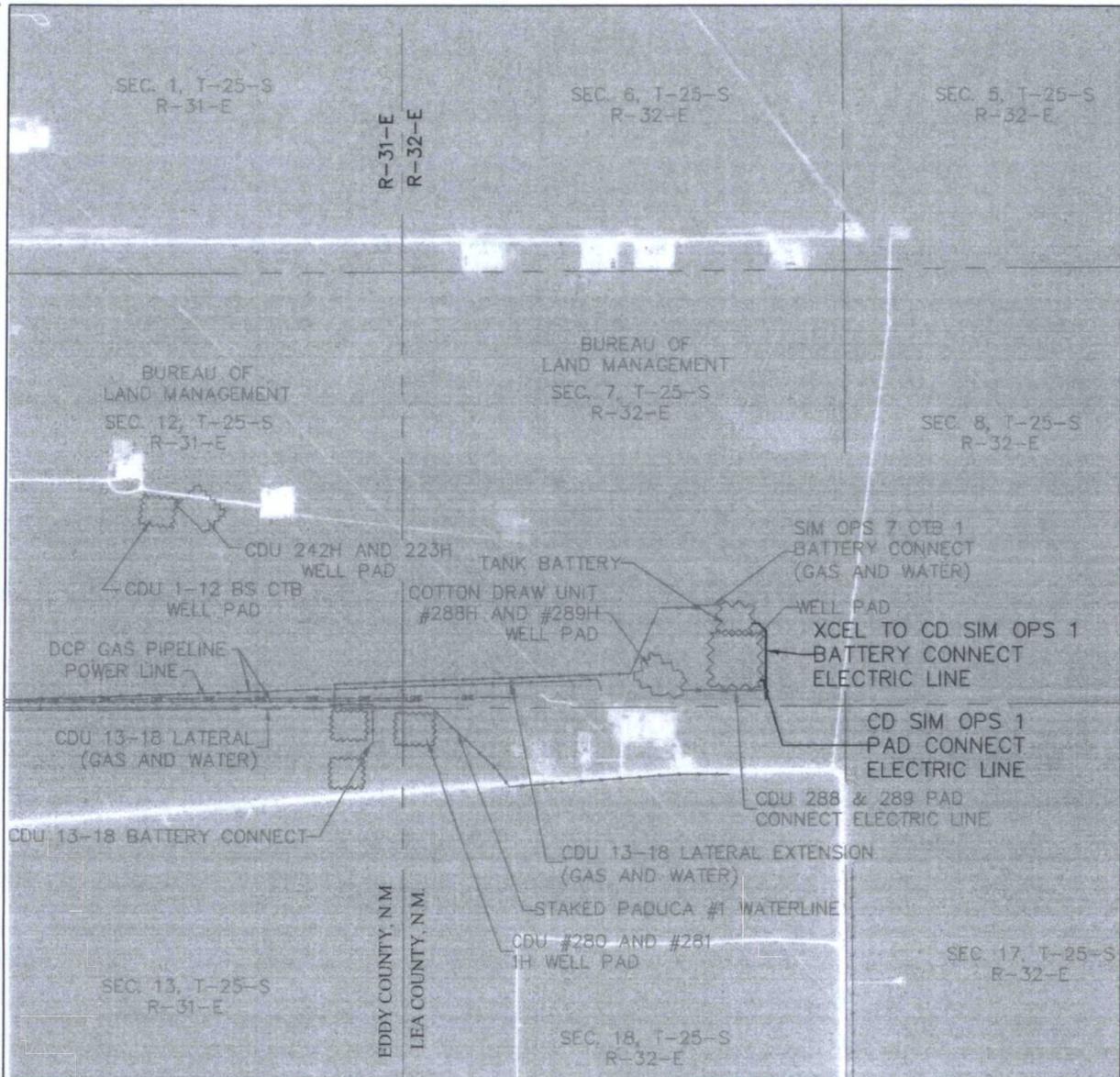


QUAD MAP

SECTION 7, T25S-R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

<b>HORIZON ROW LLC</b>		WBS NUMBER:	LINE NUMBER:
XCEL TO CD SIM OPS CTB 1 BATTERY CONNECT ELECTRIC LINE		CC-112971.AL	
CD SIM OPS 1 PAD CONNECT ELECTRIC LINE		CC-112971.AL	
Drawn for:		DEVON ENERGY PRODUCTION COMPANY, L.P.	
Drawn by: CHRIS MAAS		Date: 01/21/2016	SCALE: 1" = 1000'
		PROPOSED 30' EASEMENT ON THE PROPERTY OF BUREAU OF LAND MANAGEMENT SECTION 7, T25S-R32E, N.M.P.M.	

EXHIBIT "A"  
PAGE 5 of 5



AERIAL MAP

SECTION 7, T25S-R32E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

<b>HORIZON ROW LLC</b>		WBS NUMBER:	LINE NUMBER:
XCEL TO CD SIM OPS CTB 1 BATTERY CONNECT ELECTRIC LINE		CC-112971.AL	
CD SIM OPS 1 PAD CONNECT ELECTRIC LINE		CC-112971.AL	
Drawn for:		DEVON ENERGY PRODUCTION COMPANY, L.P.	
Drawn by: CHRIS MAAS	Date: 01/21/2016	PROPOSED 30' EASEMENT ON THE PROPERTY OF BUREAU OF LAND MANAGEMENT SECTION 7, T25S-R32E, N.M.P.M.	
		SCALE: 1" = 1000'	REVISIONS: 1/29/18 CMAAS SHEET: 5 OF 5