

Well Name: STRANGER 34 FED COM	Well Location: T25S / R34E / SEC 34 / SESW / 32.0803035 / -103.4599743	County or Parish/State: LEA / NM
Well Number: 10H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM113898	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546010	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 05/17/2021	Time Sundry Submitted: 08:48
Date proposed operation will begin: 05/16/2021	

Procedure Description: BHL move from 20 FNL & 2310 FWL TO 20 FNL & 1730 FWL, both 34-25S-34E Formation change from Bobcat Draw; Upper Wolfcamp (98094) to HARDIN TANK;BONE SPRING (96661) TVD/MD change from 12,780'/17,750' to 12,680'/17,672'

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Stranger_34_Fed_Com_10H_C_102_BHL_NOI_20210517084617.pdf
- 8.625_32lb_P110HSCY_TLW_20210517084613.PDF
- MB_Wellhd_5M_13.375_8.625_20210517084612.pdf
- Stranger_34_Fed_Com_10H_Directional_Plan_05_11_21_20210517084612.pdf
- Stranger_34_Fed_Com_10H_20210517084611.pdf
- 13.375_48lb_H40_20210517084610.pdf
- 5.5_17lb_P110_BTC_20210517084610.pdf
- MB_Verb_5M_20210517084610.pdf

Well Name: STRANGER 34 FED COM	Well Location: T25S / R34E / SEC 34 / SESW / 32.0803035 / -103.4599743	County or Parish/State: LEA / NM
Well Number: 10H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM113898	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546010	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Conditions of Approval

Additional Reviews

Stranger_34_Fed_Com_10H_Dr_COA_Sundry_ID_2387434_20210616072316.pdf

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: REBECCA DEAL	Signed on: MAY 17, 2021 08:47 AM
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 West Sheridan Avenue	
City: Oklahoma City	State: OK
Phone: (405) 228-8429	
Email address: Rebecca.Deal@dvn.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 08/04/2021
Signature: Chris Walls	

DISTRICT I
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: (575) 748-9720

DISTRICT III
1000 RIO BRAZOS RD., 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 DR.
Santa Fe, New Mexico 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-46010	Pool Code 96661	Pool Name HARDIN TANK;BONE SPRING
Property Code 325720	Property Name STRANGER 34 FED COM	Well Number 10H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3306.4'

Surface Location

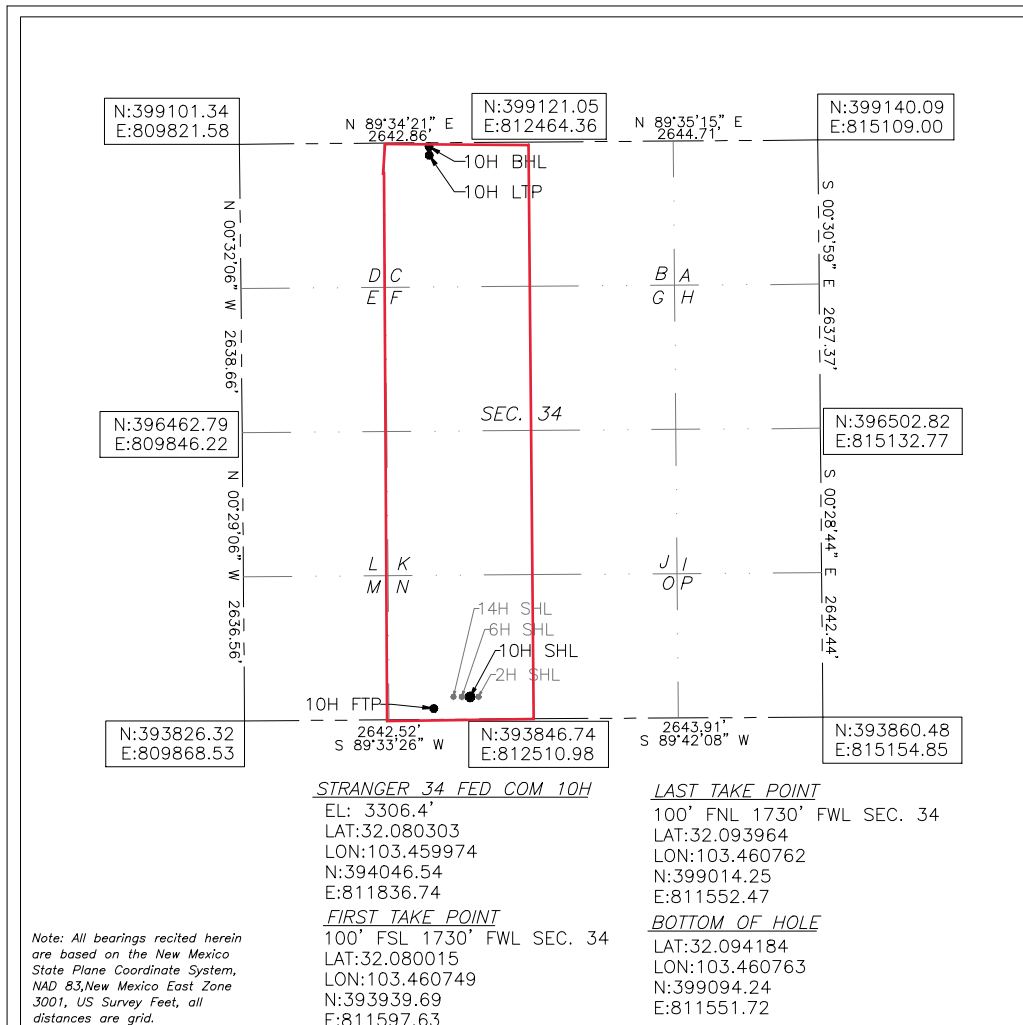
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	34	25-S	34-E		205	SOUTH	1970	WEST	LEA

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/West line	County
C	34	25-S	34-E		20	NORTH	1730	WEST	LEA

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Rebecca Deal 5/17/2021
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

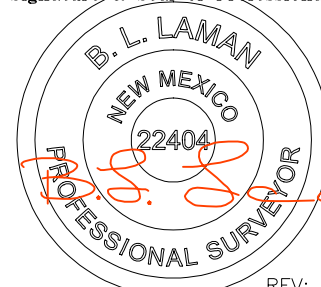
SURVEYOR CERTIFICATION

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.

8/2018

Date of Survey

Signature & Seal of Professional Surveyor



REV: 05/04/21

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☒ As Drilled ☐

API # 30-025-46010		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: STRANGER 34 FED COM	Well Number 10H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	34	25S	34E		40	FSL	1730	FWL	LEA
Latitude 32.0798					Longitude -103.4608				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	34	25-S	34-E		100	SOUTH	1730	WEST	LEA
Latitude 32.080015					Longitude 103.460749				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	34	25-S	34-E		100	NORTH	1730	WEST	LEA
Latitude 32.093964					Longitude 103.460762				NAD 83

Is this well the defining well for the Horizontal Spacing Unit?

☒

Is this well an infill well?

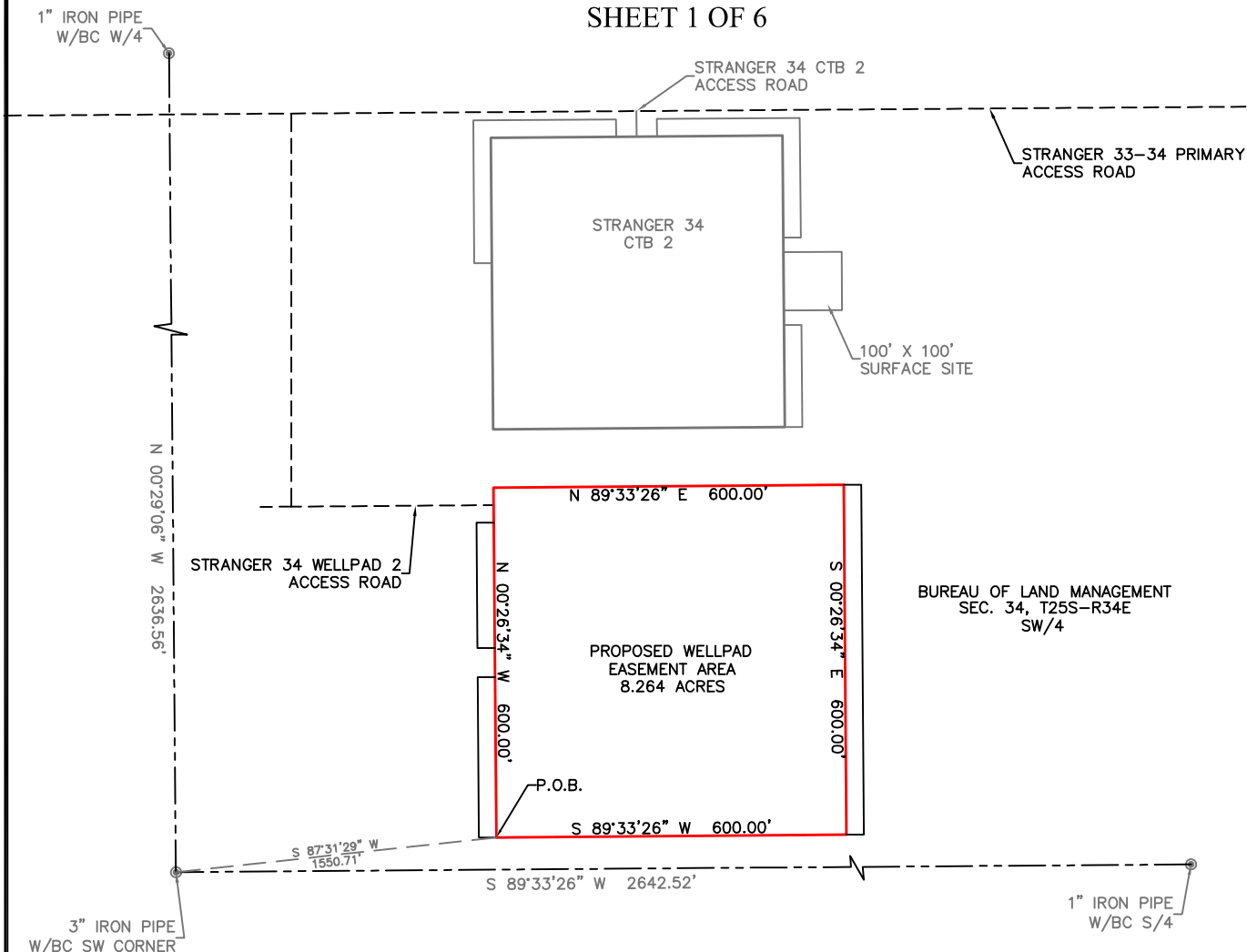
☐

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

STRANGER 34 WELLPAD 2
DEVON ENERGY PRODUCTION COMPANY, L.P.
IN THE SOUTHWEST QUARTER (SW/4)
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO
SHEET 1 OF 6



DESCRIPTION

BEING A SURFACE SITE EASEMENT LYING IN THE SOUTHWEST QUARTER (SW/4) OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHWEST CORNER OF SAID SITE EASEMENT, WHERE A 3" IRON PIPE W/BC FOR THE SOUTHWEST CORNER OF SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST N.M.P.M. BEARS S 87°31'29" W, A DISTANCE 1550.71';

THENCE N 00°26'34" W, A DISTANCE 600.00 FEET TO THE NORTHWEST CORNER OF THIS EASEMENT;
 THENCE N 89°33'26" E, A DISTANCE 600.00 FEET TO THE NORTHEAST CORNER OF THIS EASEMENT;
 THENCE S 00°26'34" E, A DISTANCE 600.00 FEET TO THE SOUTHEAST CORNER OF THIS EASEMENT;
 THENCE S 89°33'26" W, A DISTANCE 600.00 FEET TO THE SOUTHWEST CORNER OF THIS EASEMENT,
 TO THE POINT OF BEGINNING; CONTAINING 8.264 ACRES.

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF DINWIDDIE RD. AND J-2 BATTLE AXE ROAD, HEAD EAST ON BATTLE AXE ROAD FOR 0.27 MILES AND THEN CONTINUE NORTH ON BATTLE AXE ROAD FOR 3.53 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND TRAVEL 0.60 MILES TO THE POINT OF BEGINNING OF THE STAKED STRANGER 33-34 PRIMARY ACCESS ROAD. FOLLOW THE STAKED ACCESS ROAD SOUTHEAST FOR 2.16 MILES. TURN RIGHT AND FOLLOW THE STAKED ACCESS ROAD FOR 0.13 MILES TO THE POINT OF BEGINNING OF THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD. MAKE A LEFT TURN AND HEAD EAST ALONG THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD FOR 347 FEET TO THE NORTHWEST CORNER OF THE STRANGER 34 WELLPAD 2.

0 300 600



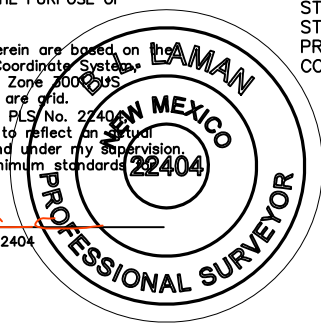
GENERAL NOTES:

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A WELLPAD.

2.) All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 2000 FUS Survey Feet, all distances are in feet.
 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: 09-08-2018
 P.O. Box 548, Dry Creek, La.
 (903) 388-3045 70637
 Employee of Horizonrow, LLC

PLS #22404



HORIZON ROW LLC

Drawn for:

Drawn by:
CHRIS MAAS

Date: 06/21/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.

STRANGER 34 WELLPAD 2

SURVEY PLAT SHOWING
 A WELLPAD
 ON THE PROPERTY OF THE
 BUREAU OF LAND MANAGEMENT

SITE NUMBER:
AA000188627

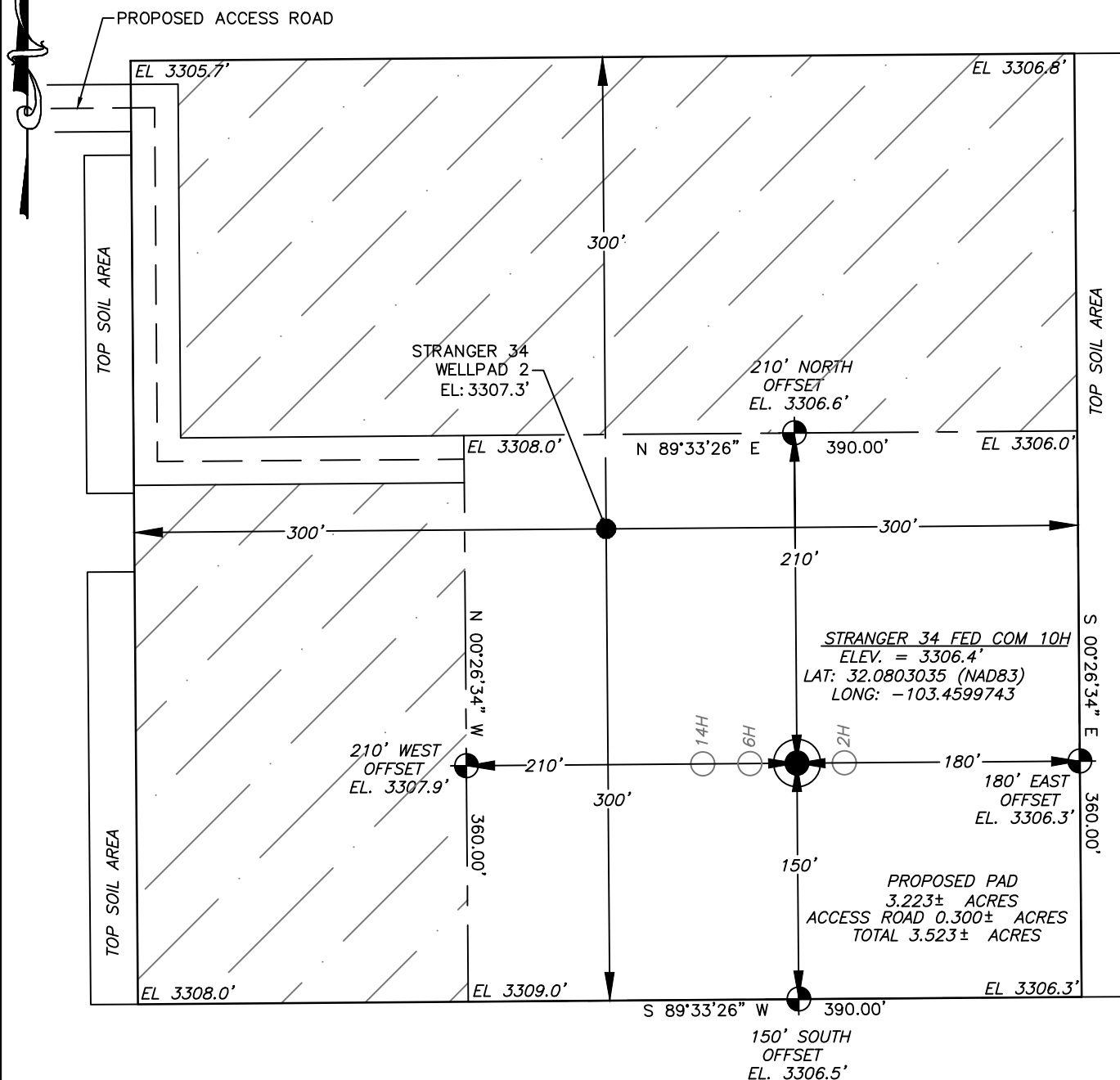
WBS NUMBER:

SCALE:
1" = 300'

REVISIONS:

DATE OF SURVEY:
4/1/18

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SITE MAP



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.

DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

0 100 200



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF DINWIDDIE RD. AND J-2 BATTLE AXE ROAD, HEAD EAST ON BATTLE AXE ROAD FOR 0.27 MILES AND THEN CONTINUE NORTH ON BATTLE AXE ROAD FOR 3.53 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND TRAVEL 0.60 MILES TO THE POINT OF BEGINNING OF THE STAKED STRANGER 33-34 PRIMARY ACCESS ROAD. FOLLOW THE STAKED ACCESS ROAD SOUTHEAST FOR 2.16 MILES. TURN RIGHT AND FOLLOW THE STAKED ACCESS ROAD FOR 0.13 MILES TO THE POINT OF BEGINNING OF THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD. MAKE A LEFT TURN AND HEAD EAST ALONG THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD FOR 347 FEET TO THE NORTHWEST CORNER OF THE STRANGER 34 WELLPAD 2.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

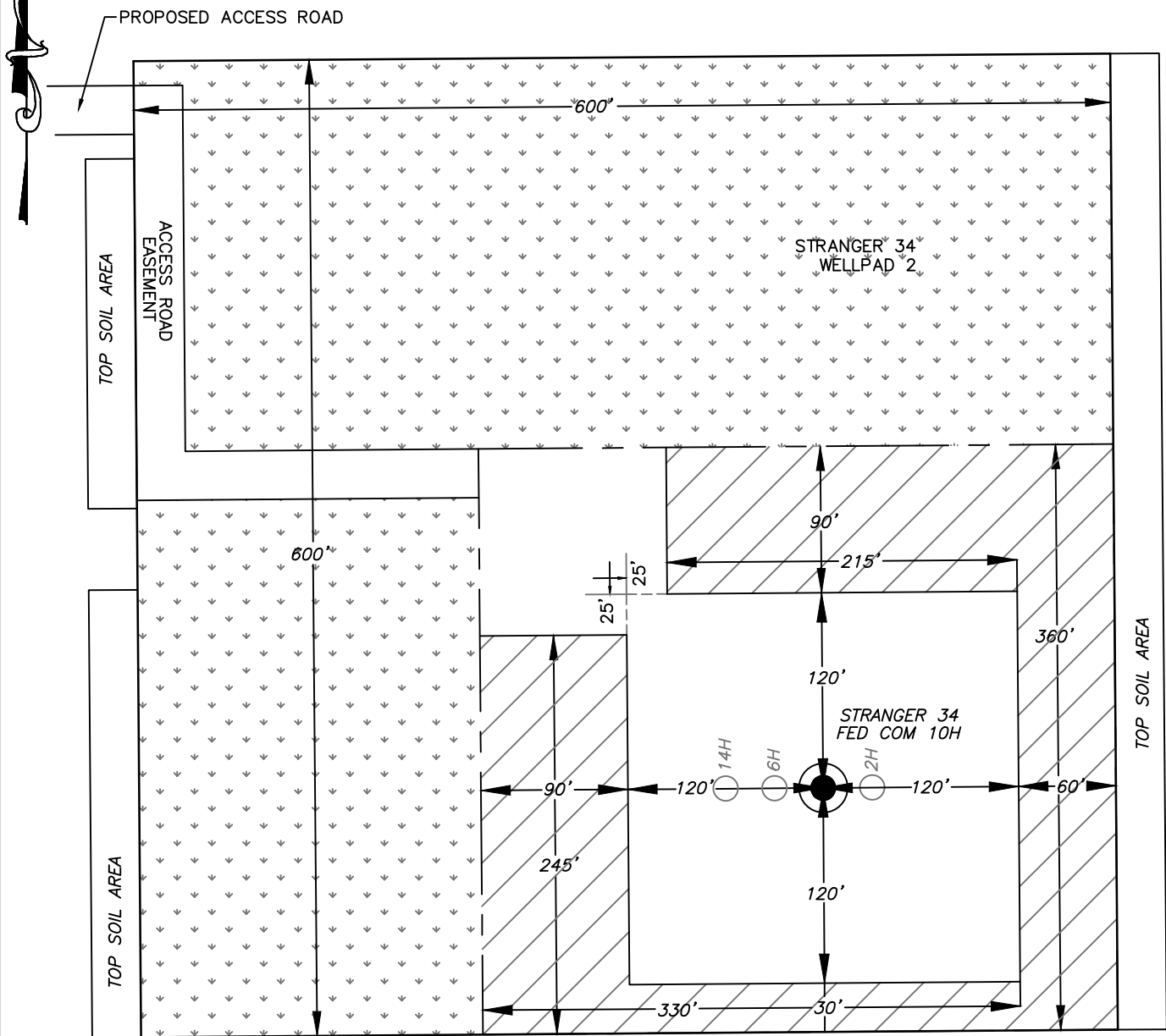
Drawn by:
CHRIS MAAS

Date: 09/06/2018

Drawn for:



SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO INTERIM SITE BUILD PLAN



- DENOTES INTERIM PAD RECLAMATION AREA
- DENOTES GRADING SITE RECLAMATION AREA

1.611± ACRES INTERIM PAD RECLAMATION AREA
 4.741± ACRES GRADING SITE RECLAMATION AREA
 1.912± ACRES NON-RECLAIMED AREA
 8.264± ACRES GRADING SITE RECLAMATION AREA



DEVON ENERGY PRODUCTION COMPANY, L.P.
 STRANGER 34 FED COM 10H
 LOCATED 205 FT. FROM THE SOUTH LINE
 AND 1970 FT. FROM THE WEST LINE OF
 SECTION 34, TOWNSHIP 25 SOUTH,
 RANGE 34 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

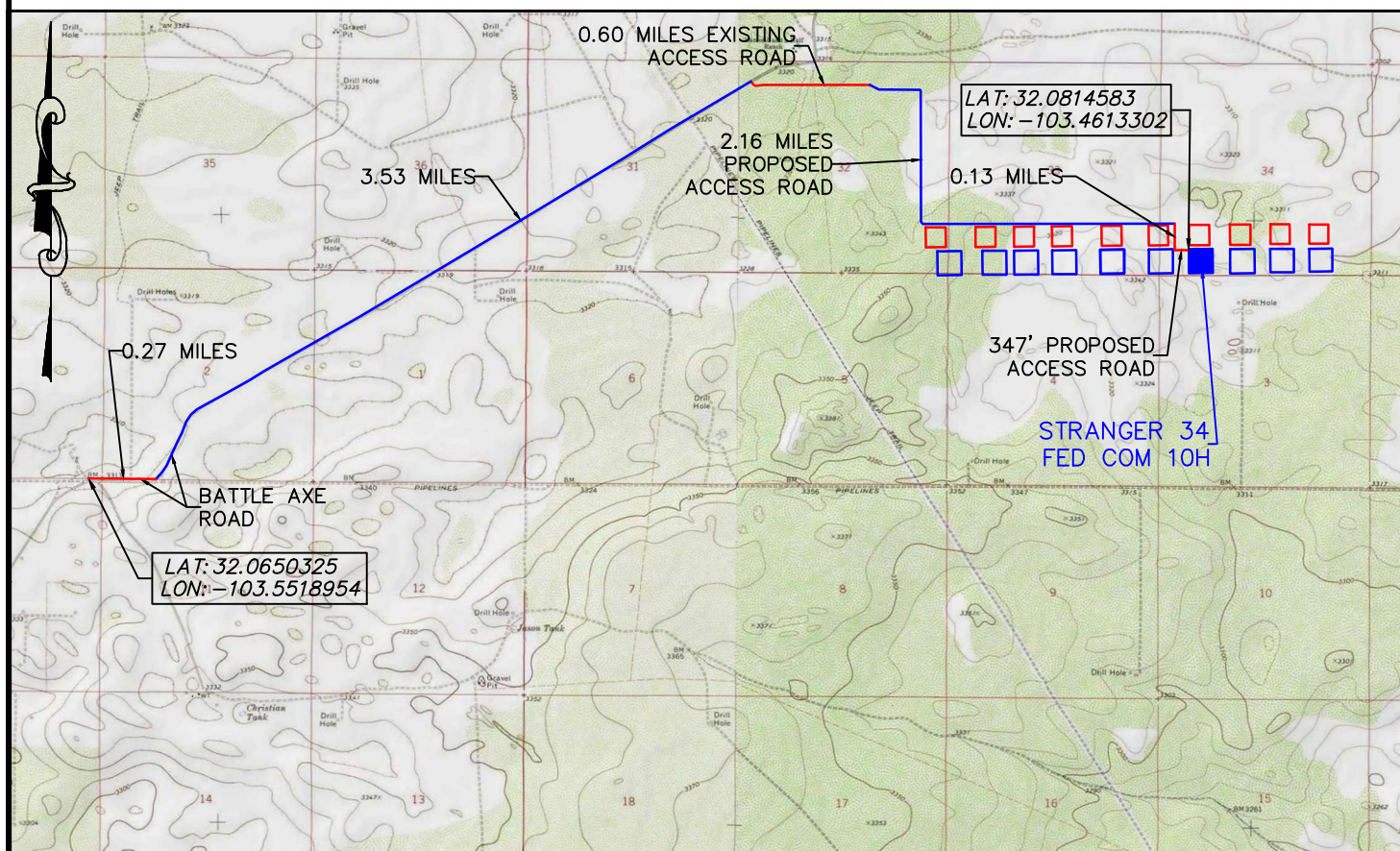
Drawn by:
CHRIS MAAS

Date: 09/06/2018

Drawn for:



SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO VICINITY MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF DINWIDDIE RD. AND J-2 BATTLE AXE ROAD, HEAD EAST ON BATTLE AXE ROAD FOR 0.27 MILES AND THEN CONTINUE NORTH ON BATTLE AXE ROAD FOR 3.53 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND TRAVEL 0.60 MILES TO THE POINT OF BEGINNING OF THE STAKED STRANGER 33-34 PRIMARY ACCESS ROAD. FOLLOW THE STAKED ACCESS ROAD SOUTHEAST FOR 2.16 MILES. TURN RIGHT AND FOLLOW THE STAKED ACCESS ROAD FOR 0.13 MILES TO THE POINT OF BEGINNING OF THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD. MAKE A LEFT TURN AND HEAD EAST ALONG THE PROPOSED STRANGER 34 WELLPAD 2 ACCESS ROAD FOR 347 FEET TO THE NORTHWEST CORNER OF THE STRANGER 34 WELLPAD 2.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

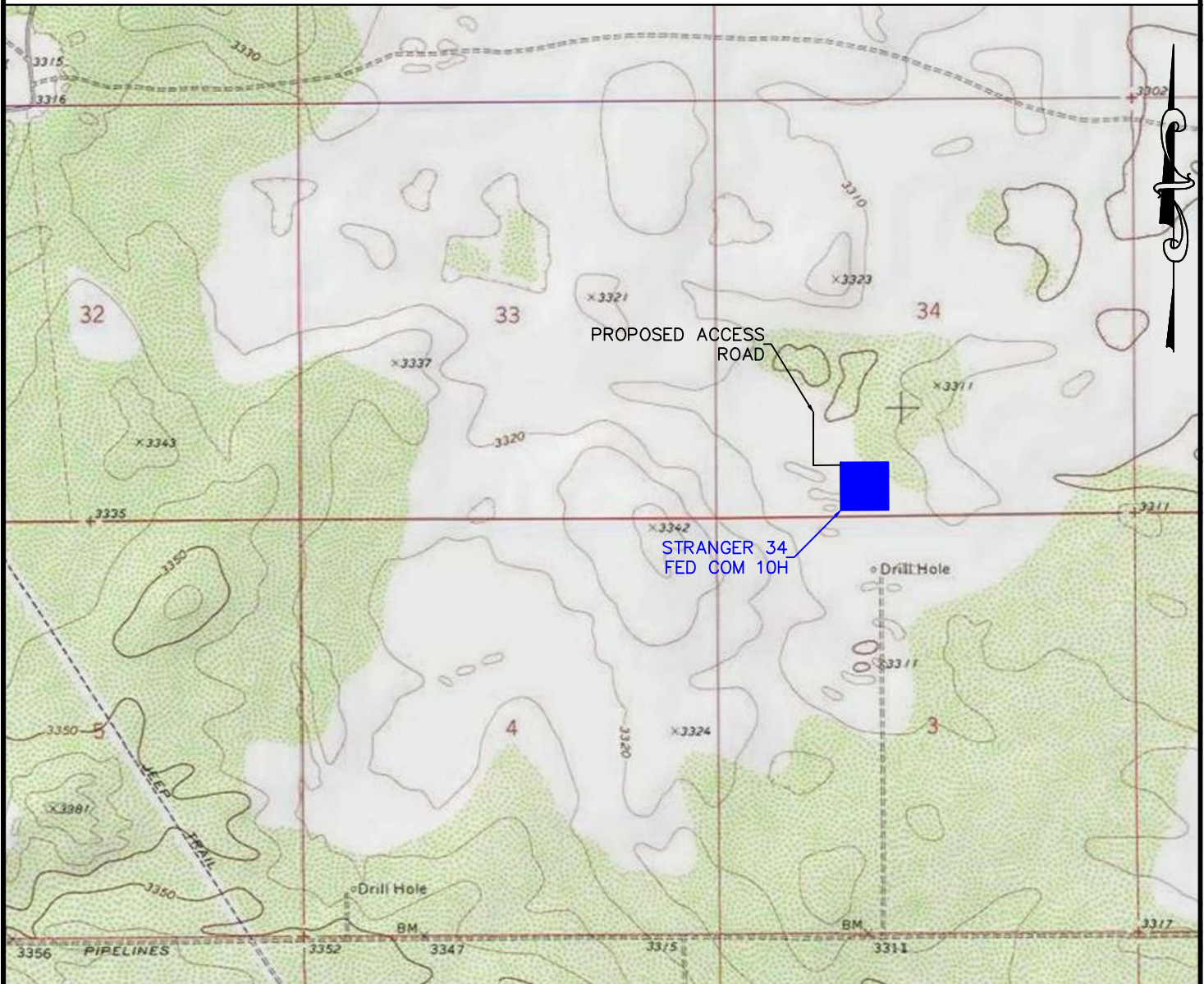
Drawn by:
CHRIS MAAS

Date: 09/06/2018

Drawn for:

devon

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

0 2000 4000



HORIZON ROW LLC

Drawn for:

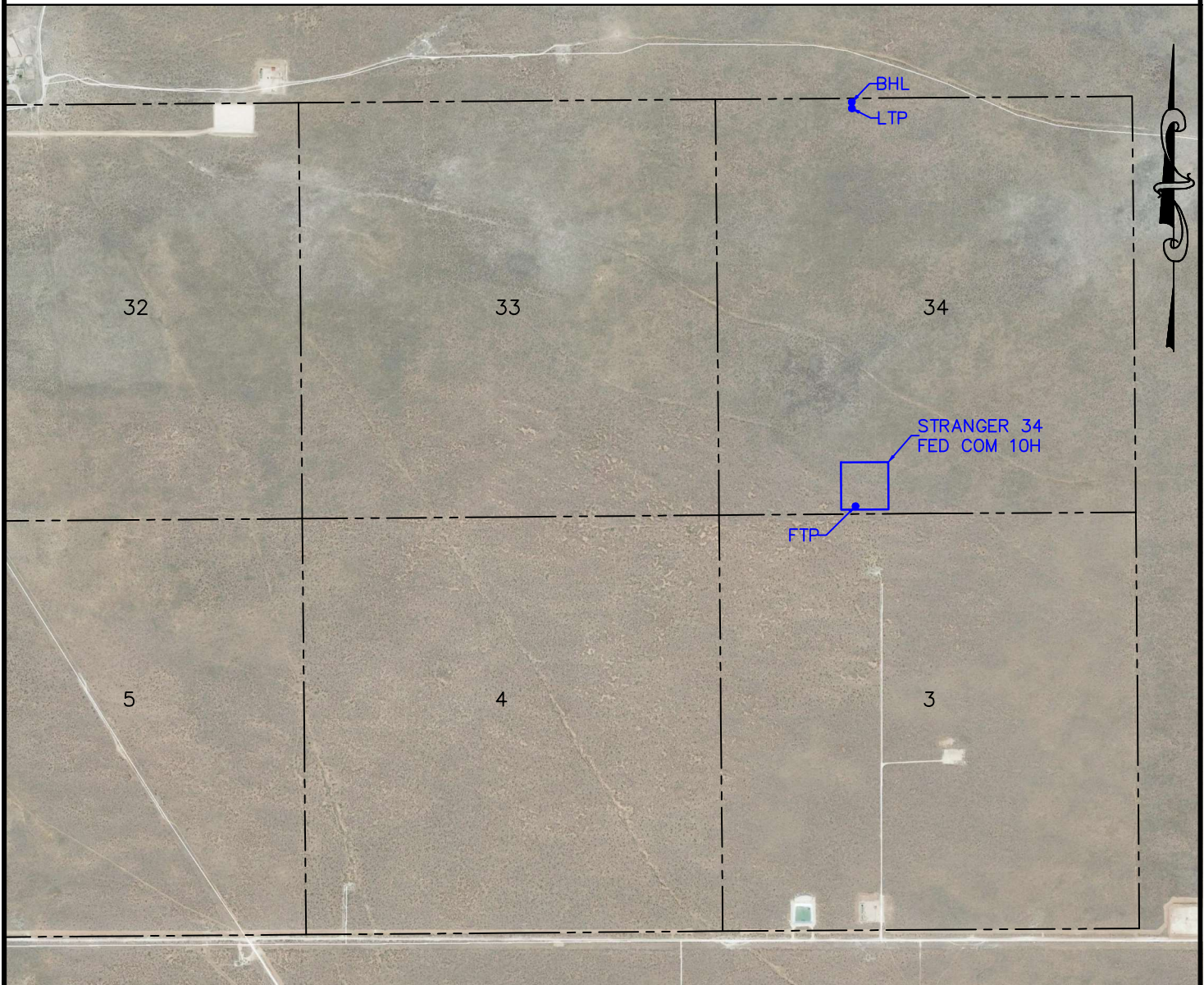
DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 09/06/2018

devon

SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

0 2000 4000



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

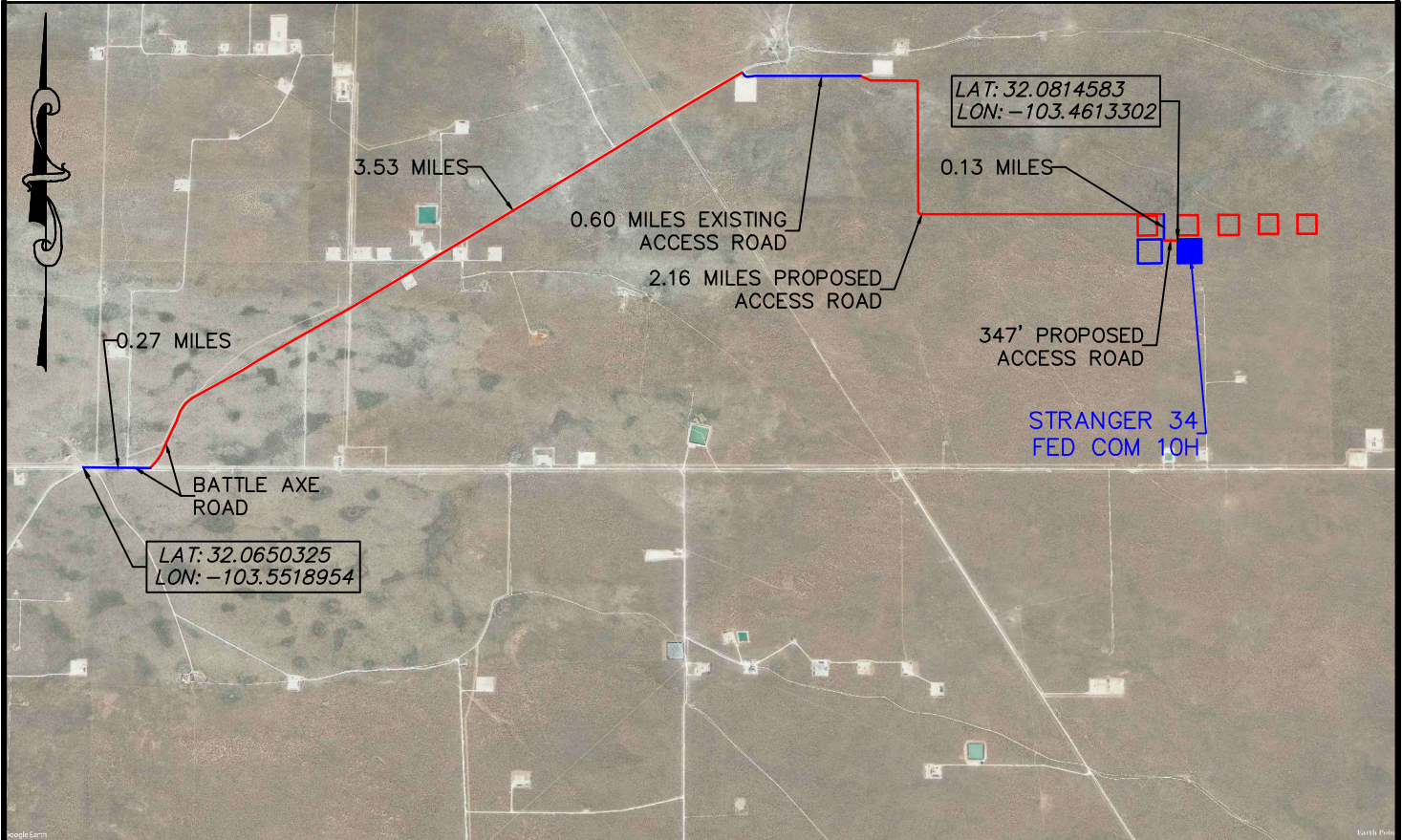
Drawn by:
CHRIS MAAS

Date: 09/06/2018
REV: 4/29/21

Drawn for:



SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

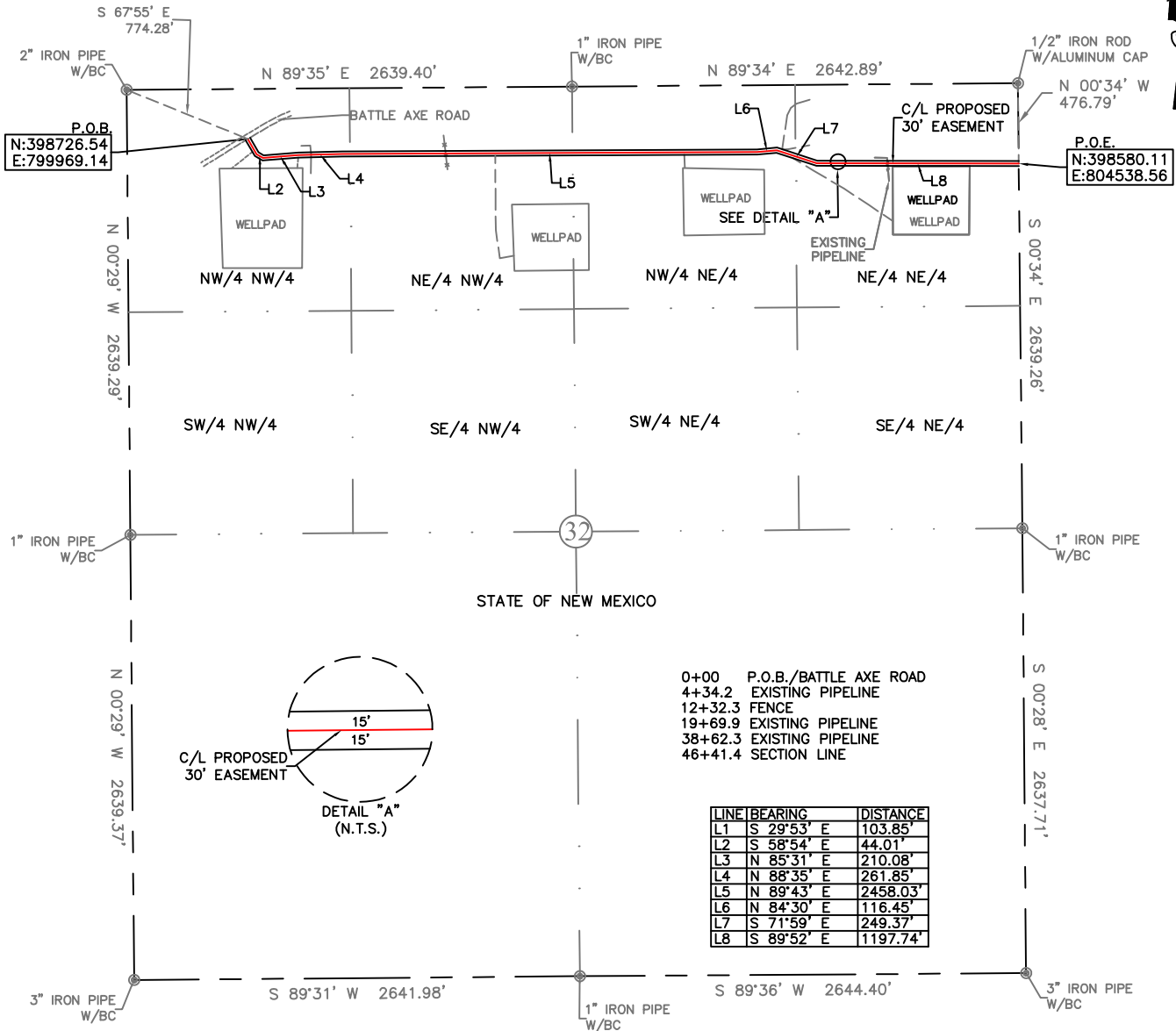
Drawn by:
CHRIS MAAS

Date: 09/06/2018

Drawn for:

devon

EXHIBIT "A"
PAGE 1 of 2
ACCESS ROAD PLAT
SECTION 32, T25S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO

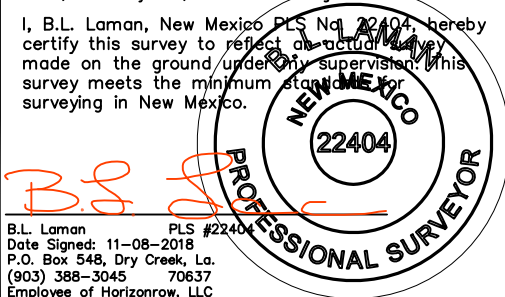


QUARTER/QUARTER	30' EASEMENT AREA	FEET	RODS
NW 1/4 OF NW 1/4	0.46 ACRES	664.68	40.28
NE 1/4 OF NW 1/4	0.91 ACRES	1319.81	79.99
NW 1/4 OF NE 1/4	0.92 ACRES	1328.08	80.49
NE 1/4 OF NE 1/4	0.92 ACRES	1328.80	80.53
TOTALS:	3.21 ACRES	4641.37	281.29

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.



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
JEANNIE PERRY

Date: 06/16/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 33-34
PRIMARY ACCESS ROAD

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
STATE OF NEW MEXICO
SECTION 32, T25S-R34E, N.M.P.M.

LINE NUMBER:
7640142R

WBS NUMBER:
XX-128733.AL.SLC

SCALE:
1" = 1000'

REVISIONS:
10/29/18 CMAAS

DATE OF SURVEY:
10/25/18

0 1000 2000

**SECTION 32, T25S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD PLAT

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 northwest quarter of the northeast quarter (NW $\frac{1}{4}$ NE $\frac{1}{4}$) and the northeast quarter of the northeast quarter (NE $\frac{1}{4}$ NE $\frac{1}{4}$) of Section 32, Township 25 South, Range 34 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 2" iron pipe w/BC for the northwest corner of Section 32, T25S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 67°55' E a distance of 774.28' to the **Point of Beginning** of this easement having coordinates of Northing=398726.54, Easting=799969.14 feet and continuing the following courses;

Thence S 29°53' E a distance of 103.85' to an angle point;

Thence S 58°54' E a distance of 44.01' to an angle point;

Thence N 85°31' E a distance of 210.08' to an angle point;

Thence N 88°35' E a distance of 261.85' to an angle point;

Thence N 89°43' E a distance of 2458.03' to an angle point;

Thence N 84°30' E a distance of 116.45' to an angle point;

Thence S 71°59' E a distance of 249.37' to an angle point;

Thence S 89°52' E a distance of 1197.74' to the **Point of Ending** having coordinates of Northing=398580.11, Easting=804538.56 feet in the east line, from said point a 0.5" iron rod w/aluminum cap found for the northeast corner of Section 32, T25S-R34E bears N 00°34' W a distance of 476.79', covering **4641.37' or 281.29 rods** and having an area of **3.21 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

B.L. Laman PLS 22404

Date Signed: 11/08/2018

Horizon Row, LLC

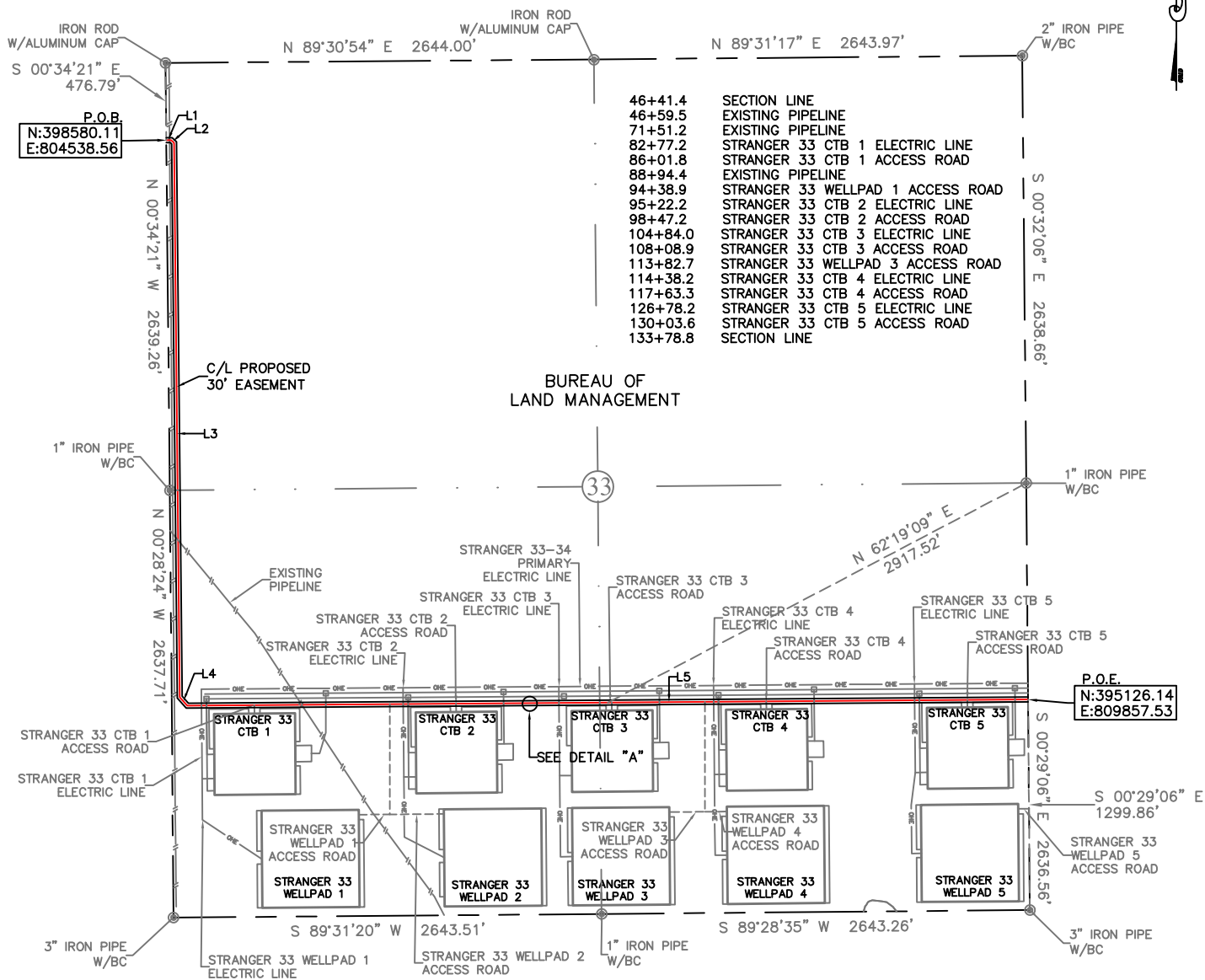
P.O. Box 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC



EXHIBIT "A"
PAGE 1 of 6
ACCESS ROAD PLAT
SECTION 33, T25S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO

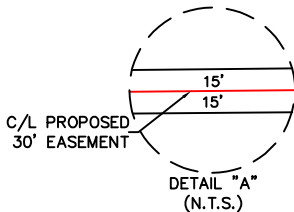


30' EASEMENT AREA = 6.02 ACRE(S)
8737.45 FEET OR 529.54 RODS

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.

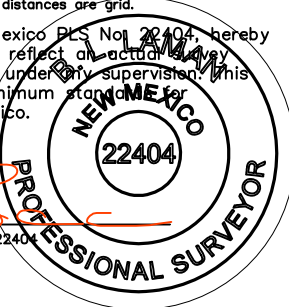
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



LINE	BEARING	DISTANCE
L1	S 89°52'14" E	30.00'
L2	S 48°01'06" E	24.15'
L3	S 00°34'18" E	3423.13'
L4	S 42°03'12" E	70.20'
L5	N 89°35'16" E	5189.97'

0 1000 2000

B.L. Laman
Date Signed: 11-08-2018
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizonrow, LLC



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
JEANNIE PERRY

Date: 06/16/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.

STRANGER 33-34
PRIMARY ACCESS ROAD

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
BUREAU OF LAND MANAGEMENT
SECTION 33, T25S-R34E, N.M.P.M.

LINE NUMBER:
7640142R

WBS NUMBER:
XX-128733.AL.SLC

SCALE:
1" = 1000'

REVISIONS:
10/29/18 CMAAS
DATE OF SURVEY:
5/19/18

**SECTION 33, T25S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD 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 northwest quarter (NW ¼) and the southwest quarter (SW ¼) and the southeast quarter (SE ¼) of Section 33, Township 25 South, Range 34 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 an iron rod w/aluminum cap found for the northwest corner of Section 33, T25S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 00°34'21" E a distance of 476.79' to the **Point of Beginning** of this easement having coordinates of Northing=398580.11, Easting=804538.56 feet in the west line of Section 33 and continuing the following course;

Thence S 89°52'14" E a distance of 30.00' to an angle point;

Thence S 48°01'06" E a distance of 24.15' to an angle point;

Thence S 00°34'18" E a distance of 3423.13' to an angle point;

Thence S 42°03'12" E a distance of 70.20' to an angle point;

Thence S 89°35'16" E a distance of 5189.97' to the **Point of Ending** having coordinates of Northing=395126.14, Easting=809857.53 feet in the east line of Section 33, from said point a 3" iron pipe w/BC for the southeast corner of Section 33, T25S-R34E bears S 00°29'06" E a distance of 1299.86', covering **8737.45' or 529.54 rods** and having an area of **6.02 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.

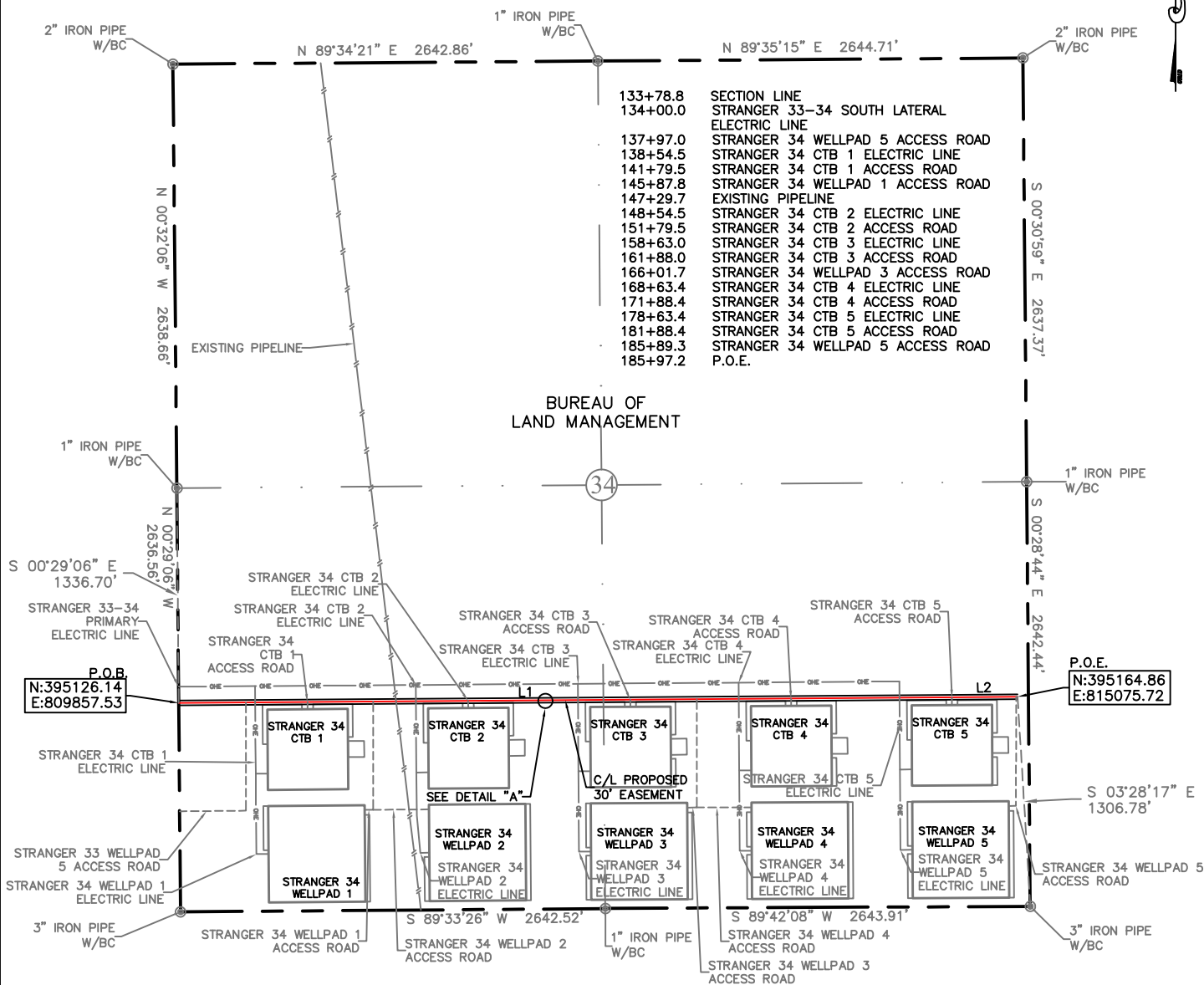
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 11/08/2018
Horizon Row, LLC
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizon Row, LLC



EXHIBIT "A"
PAGE 3 of 6
ACCESS ROAD PLAT
SECTION 34, T25S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO



30' EASEMENT AREA = 3.59 ACRE(S)
5218.34 FEET OR 316.26 RODS

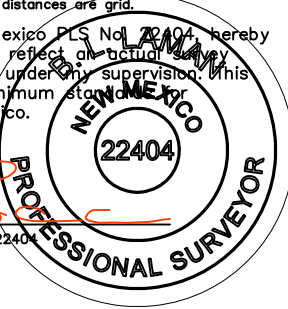
LINE	BEARING	DISTANCE
L1	N 89°35'16" E	4809.56'
L2	N 89°25'22" E	408.78'

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
Date Signed: 11-08-2018
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizonrow, LLC



HORIZON ROW LLC	
Drawn for:	
devon	
Drawn by: JEANNIE PERRY	Date: 06/16/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 33-34
PRIMARY ACCESS ROAD
PROPOSED 30' EASEMENT
ON THE PROPERTY OF
BUREAU OF LAND MANAGEMENT
SECTION 34, T25S-R34E, N.M.P.M.

LINE NUMBER:
7640142R
WBS NUMBER:
XX-128733.AL.SLC
SCALE:
1" = 1000'
REVISIONS:
10/29/18 CMAAS
DATE OF SURVEY:
5/19/18

**SECTION 34, T25S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD 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 southwest quarter (SW ¼) and the southeast quarter (SE ¼) of Section 34, Township 25 South, Range 34 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 1" iron pipe w/BC for the west quarter corner of Section 34, T25S-R34E, N.M.P.M., Lea County, New Mexico;

Thence S 00°29'06" E a distance of 1336.70' to the **Point of Beginning** of this easement having coordinates of Northing=395126.14, Easting=809857.53 feet in the west line of Section 34 and continuing the following course;

Thence N 89°35'16" E a distance of 4809.56' to an angle point;

Thence N 89°25'22" E a distance of 408.78' to the **Point of Ending** having coordinates of Northing=395164.86, Easting=815075.72 feet from said point a 3" iron pipe w/BC for the southeast corner of Section 34, T25S-R34E bears S 03°28'17" E a distance of 1306.78', covering **5218.34' or 316.26 rods** and having an area of **3.59 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.

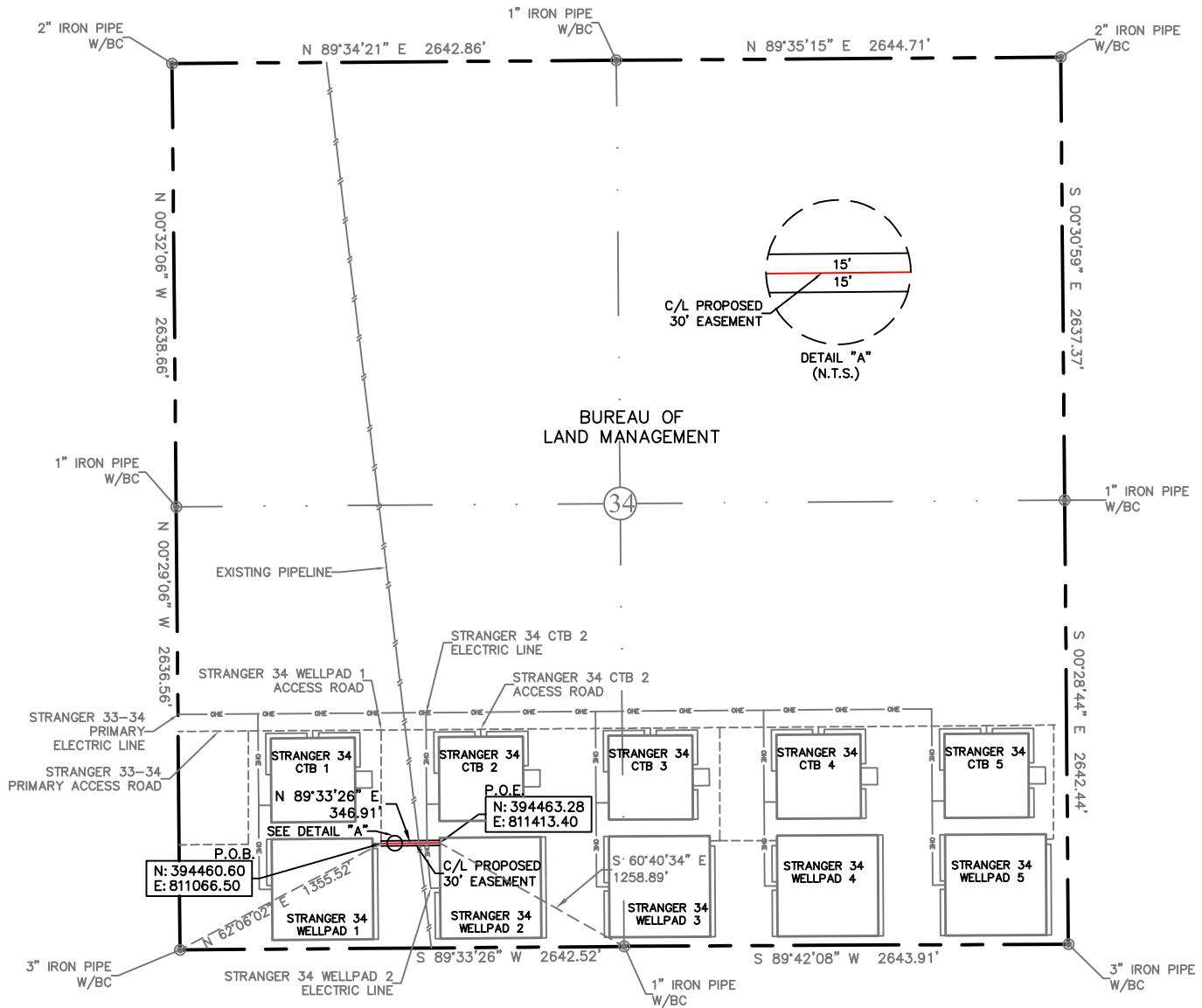
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 11/08/2018
Horizon Row, LLC
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizon Row, LLC



EXHIBIT "A"
PAGE 3 of 6
ACCESS ROAD PLAT
SECTION 34, T25S-R34E, N.M.P.M.
LEA COUNTY, NEW MEXICO



30' EASEMENT AREA = 0.239 ACRE(S)
346.91 FEET OR 21.02 RODS

SEE THE ATTACHED LEGAL DESCRIPTION

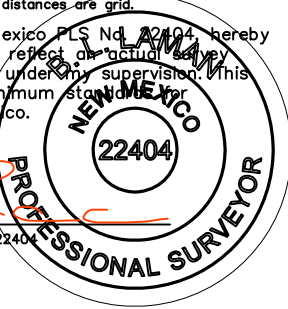
Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

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.

0+00.0 P.O.B./STRANGER 34 WELLPAD 1 ACCESS ROAD
2+22.6 EXISTING PIPELINE
2+71.9 STRANGER 34 WELLPAD 2 ELECTRIC LINE
3+46.9 P.O.E./STRANGER 34 WELLPAD 2

0 1000 2000

B.L. Laman
Date Signed: 09-08-2018
P.O. Box 548, Dry Creek, La.
(903) 388-3045 70637
Employee of Horizonrow, LLC



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
JEANNIE PERRY

Date: 06/11/2018

DEVON ENERGY PRODUCTION COMPANY, L.P.

STRANGER 34
WELLPAD 2 ACCESS ROAD

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
BUREAU OF LAND MANAGEMENT
SECTION 34, T25S-R34E, N.M.P.M.

LINE NUMBER:
7640145R

WBS NUMBER:

SCALE:
1" = 1000'

REVISIONS:

DATE OF SURVEY:
5/19/18

**SECTION 34, T25S-R34E, N.M.P.M.,
LEA COUNTY, NEW MEXICO**

ACCESS ROAD 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 southwest quarter (SW ¼) of Section 34, Township 25 South, Range 34 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 3" iron pipe w/BC for the southwest corner of Section 34, T25S-R34E, N.M.P.M., Lea County, New Mexico;

Thence N 62°06'02" E a distance of 1355.52' to the **Point of Beginning** of this easement having coordinates of Northing=394460.60, Easting=811066.50 feet and continuing the following course;

Thence N 89°33'26" E a distance of 346.91' to the **Point of Ending** having coordinates of Northing=394463.28, Easting=811413.40 feet from said point a 1" iron pipe w/BC for the south quarter corner of Section 34, T25S-R34E bears S 60°40'34" E a distance of 1258.89', covering **346.91' or 21.02 rods** and having an area of **0.239 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: 09/08/2018

Horizon Row, LLC

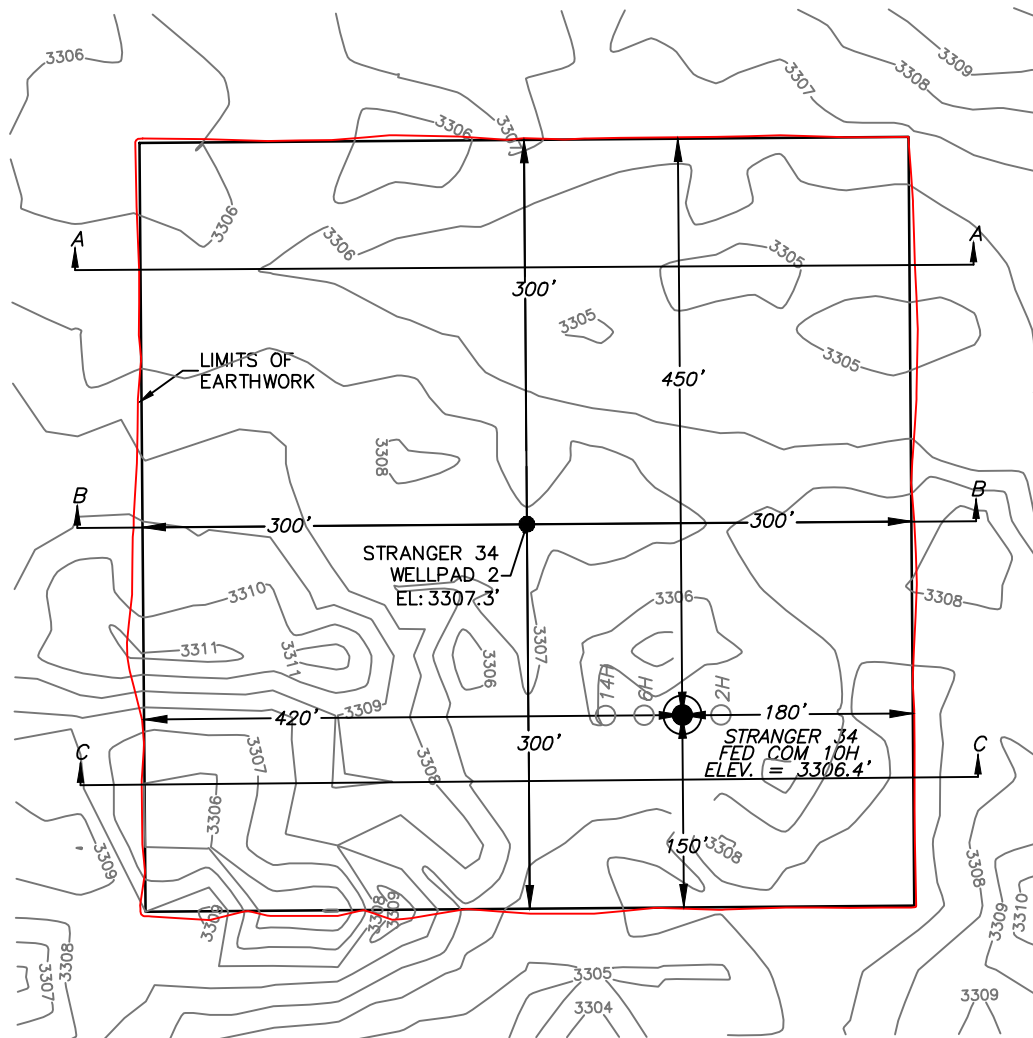
P.O. Box 548, Dry Creek, La.

(903) 388-3045 70637

Employee of Horizon Row, LLC



SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
PLAN VIEW



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



EARTHWORK QUANTITIES FOR
STRANGER 34 WELLPAD 2

CUT	FILL	NET
6,277 CY	6,277 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 09/6/2018

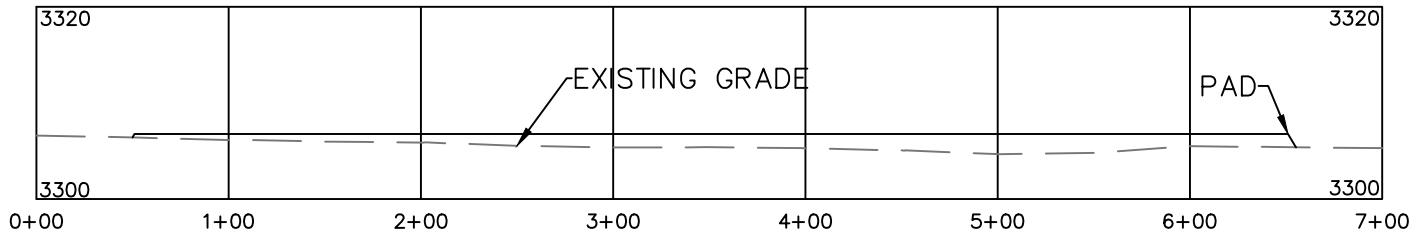
Drawn for:



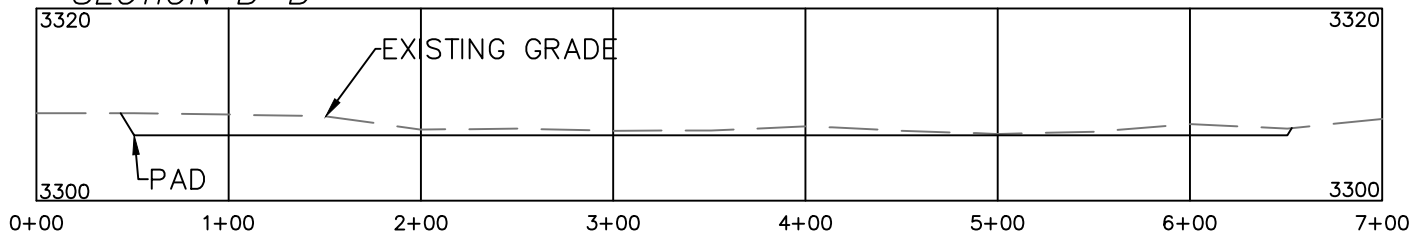
SECTION 34, TOWNSHIP 25 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
CROSS SECTIONS



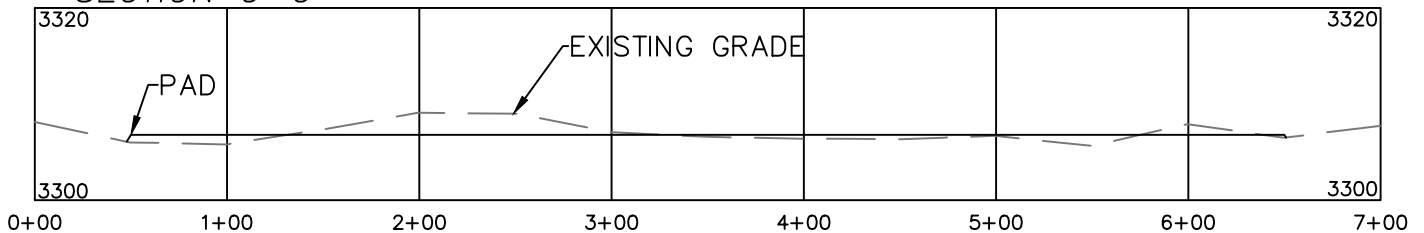
SECTION A-A



SECTION B-B



SECTION C-C



DEVON ENERGY PRODUCTION COMPANY, L.P.
STRANGER 34 FED COM 10H
LOCATED 205 FT. FROM THE SOUTH LINE
AND 1970 FT. FROM THE WEST LINE OF
SECTION 34, TOWNSHIP 25 SOUTH,
RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SCALE 1" = 100' HORIZONTAL
SCALE 1" = 20' VERTICAL

EARTHWORK QUANTITIES FOR
STRANGER 34 WELLPAD 2

CUT	FILL	NET
6,277 CY	6,277 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 09/06/2018

Drawn for:



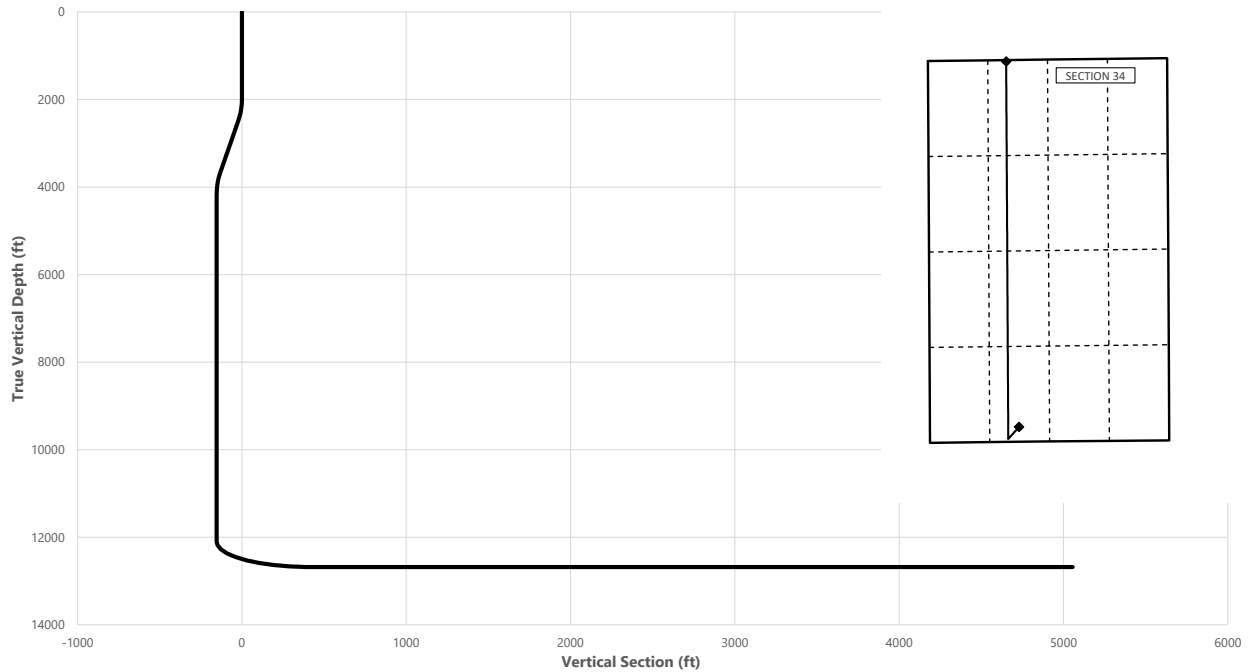
Stranger 34 Fed Com 10H



Well: Stranger 34 Fed Com 10H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	235.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	235.00	2497.47	-24.96	-35.65	-22.91	2.00	Hold Tangent
3676.13	10.00	235.00	3655.73	-142.11	-202.95	-130.44	0.00	Drop to Vertical
4176.13	0.00	235.00	4153.19	-167.07	-238.60	-153.35	2.00	Hold Vertical
12129.98	0.00	359.49	12107.04	-167.07	-238.60	-153.35	0.00	KOP
13029.98	90.00	359.49	12680.00	405.87	-243.70	418.96	10.00	Landing Point
17672.01	90.00	359.49	12680.00	5047.71	-285.02	5055.75	0.00	BHL

**Key Depths**

	MD (ft)	TVD (ft)
Rustler	810.00	810.00
Salt	1200.00	1200.00
Base of Salt	5347.94	5325.00
Cherry Canyon	6347.94	6325.00
Brushy Canyon	8072.94	8050.00
1st Bone Spring Lime	9372.94	9350.00
Bone Spring 1st	10472.94	10450.00
Bone Spring 2nd	11047.94	11025.00
3rd Bone Spring Lime	11472.94	11450.00
Bone Spring 3rd / Point of Penetration	12042.94	12020.00
EXIT	17592.01	12680.01

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.0802	-103.4601	205' FSL, 1970' FWL of Sec 34 in T25S, R34E
12129.98	12107.04	32.0798	-103.4608	40' FSL, 1730' FWL of Sec 34 in T25S, R34E
12042.94	12020.00	32.0800	-103.4607	100' FSL, 1730' FWL of Sec 34 in T25S, R34E
17592.01	12680.01	32.0940	-103.4608	100' FNL, 1730' FWL of Sec 34 in T25S, R34E
17672.01	12680.00	32.0941	-103.4608	20' FNL, 1730' FWL of Sec 34 in T25S, R34E

Stranger 34 Fed Com 10H



Well: Stranger 34 Fed Com 10H

County: Lea

Wellbore: Permit Plan

Design: Permit Plan #1

Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	235.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	235.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	235.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	235.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	235.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	235.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	235.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	235.00	800.00	0.00	0.00	0.00	0.00	
810.00	0.00	235.00	810.00	0.00	0.00	0.00	0.00	Rustler
900.00	0.00	235.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	235.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	235.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	235.00	1200.00	0.00	0.00	0.00	0.00	Salt,
1300.00	0.00	235.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	235.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	235.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	235.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	235.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	235.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	235.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	235.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	235.00	2099.98	-1.00	-1.43	-0.92	2.00	
2200.00	4.00	235.00	2199.84	-4.00	-5.72	-3.67	2.00	
2300.00	6.00	235.00	2299.45	-9.00	-12.86	-8.26	2.00	
2400.00	8.00	235.00	2398.70	-15.99	-22.84	-14.68	2.00	
2500.00	10.00	235.00	2497.47	-24.96	-35.65	-22.91	2.00	Hold Tangent
2600.00	10.00	235.00	2595.95	-34.92	-49.88	-32.06	0.00	
2700.00	10.00	235.00	2694.43	-44.88	-64.10	-41.20	0.00	
2800.00	10.00	235.00	2792.91	-54.84	-78.32	-50.34	0.00	
2900.00	10.00	235.00	2891.39	-64.80	-92.55	-59.48	0.00	
3000.00	10.00	235.00	2989.87	-74.76	-106.77	-68.63	0.00	
3100.00	10.00	235.00	3088.35	-84.72	-121.00	-77.77	0.00	
3200.00	10.00	235.00	3186.83	-94.68	-135.22	-86.91	0.00	
3300.00	10.00	235.00	3285.31	-104.64	-149.45	-96.05	0.00	
3400.00	10.00	235.00	3383.79	-114.60	-163.67	-105.19	0.00	
3500.00	10.00	235.00	3482.27	-124.56	-177.90	-114.34	0.00	
3600.00	10.00	235.00	3580.75	-134.52	-192.12	-123.48	0.00	
3676.13	10.00	235.00	3655.73	-142.11	-202.95	-130.44	0.00	Drop to Vertical
3700.00	9.52	235.00	3679.25	-144.43	-206.26	-132.57	2.00	
3800.00	7.52	235.00	3778.14	-152.93	-218.40	-140.37	2.00	
3900.00	5.52	235.00	3877.49	-159.44	-227.71	-146.35	2.00	
4000.00	3.52	235.00	3977.17	-163.97	-234.17	-150.50	2.00	
4100.00	1.52	235.00	4077.07	-166.49	-237.77	-152.82	2.00	
4176.13	0.00	235.00	4153.19	-167.07	-238.60	-153.35	2.00	Hold Vertical
4200.00	0.00	359.49	4177.06	-167.07	-238.60	-153.35	0.00	
4300.00	0.00	359.49	4277.06	-167.07	-238.60	-153.35	0.00	
4400.00	0.00	359.49	4377.06	-167.07	-238.60	-153.35	0.00	
4500.00	0.00	359.49	4477.06	-167.07	-238.60	-153.35	0.00	
4600.00	0.00	359.49	4577.06	-167.07	-238.60	-153.35	0.00	
4700.00	0.00	359.49	4677.06	-167.07	-238.60	-153.35	0.00	
4800.00	0.00	359.49	4777.06	-167.07	-238.60	-153.35	0.00	
4900.00	0.00	359.49	4877.06	-167.07	-238.60	-153.35	0.00	
5000.00	0.00	359.49	4977.06	-167.07	-238.60	-153.35	0.00	
5100.00	0.00	359.49	5077.06	-167.07	-238.60	-153.35	0.00	
5200.00	0.00	359.49	5177.06	-167.07	-238.60	-153.35	0.00	
5300.00	0.00	359.49	5277.06	-167.07	-238.60	-153.35	0.00	
5347.94	0.00	359.49	5325.00	-167.07	-238.60	-153.35	0.00	Base of Salt
5400.00	0.00	359.49	5377.06	-167.07	-238.60	-153.35	0.00	
5500.00	0.00	359.49	5477.06	-167.07	-238.60	-153.35	0.00	
5600.00	0.00	359.49	5577.06	-167.07	-238.60	-153.35	0.00	
5700.00	0.00	359.49	5677.06	-167.07	-238.60	-153.35	0.00	
5800.00	0.00	359.49	5777.06	-167.07	-238.60	-153.35	0.00	
5900.00	0.00	359.49	5877.06	-167.07	-238.60	-153.35	0.00	
6000.00	0.00	359.49	5977.06	-167.07	-238.60	-153.35	0.00	
6100.00	0.00	359.49	6077.06	-167.07	-238.60	-153.35	0.00	
6200.00	0.00	359.49	6177.06	-167.07	-238.60	-153.35	0.00	
6300.00	0.00	359.49	6277.06	-167.07	-238.60	-153.35	0.00	
6347.94	0.00	359.49	6325.00	-167.07	-238.60	-153.35	0.00	Cherry Canyon
6400.00	0.00	359.49	6377.06	-167.07	-238.60	-153.35	0.00	

Stranger 34 Fed Com 10H



Well: Stranger 34 Fed Com 10H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6500.00	0.00	359.49	6477.06	-167.07	-238.60	-153.35	0.00	
6600.00	0.00	359.49	6577.06	-167.07	-238.60	-153.35	0.00	
6700.00	0.00	359.49	6677.06	-167.07	-238.60	-153.35	0.00	
6800.00	0.00	359.49	6777.06	-167.07	-238.60	-153.35	0.00	
6900.00	0.00	359.49	6877.06	-167.07	-238.60	-153.35	0.00	
7000.00	0.00	359.49	6977.06	-167.07	-238.60	-153.35	0.00	
7100.00	0.00	359.49	7077.06	-167.07	-238.60	-153.35	0.00	
7200.00	0.00	359.49	7177.06	-167.07	-238.60	-153.35	0.00	
7300.00	0.00	359.49	7277.06	-167.07	-238.60	-153.35	0.00	
7400.00	0.00	359.49	7377.06	-167.07	-238.60	-153.35	0.00	
7500.00	0.00	359.49	7477.06	-167.07	-238.60	-153.35	0.00	
7600.00	0.00	359.49	7577.06	-167.07	-238.60	-153.35	0.00	
7700.00	0.00	359.49	7677.06	-167.07	-238.60	-153.35	0.00	
7800.00	0.00	359.49	7777.06	-167.07	-238.60	-153.35	0.00	
7900.00	0.00	359.49	7877.06	-167.07	-238.60	-153.35	0.00	
8000.00	0.00	359.49	7977.06	-167.07	-238.60	-153.35	0.00	
8072.94	0.00	359.49	8050.00	-167.07	-238.60	-153.35	0.00	Brushy Canyon
8100.00	0.00	359.49	8077.06	-167.07	-238.60	-153.35	0.00	
8200.00	0.00	359.49	8177.06	-167.07	-238.60	-153.35	0.00	
8300.00	0.00	359.49	8277.06	-167.07	-238.60	-153.35	0.00	
8400.00	0.00	359.49	8377.06	-167.07	-238.60	-153.35	0.00	
8500.00	0.00	359.49	8477.06	-167.07	-238.60	-153.35	0.00	
8600.00	0.00	359.49	8577.06	-167.07	-238.60	-153.35	0.00	
8700.00	0.00	359.49	8677.06	-167.07	-238.60	-153.35	0.00	
8800.00	0.00	359.49	8777.06	-167.07	-238.60	-153.35	0.00	
8900.00	0.00	359.49	8877.06	-167.07	-238.60	-153.35	0.00	
9000.00	0.00	359.49	8977.06	-167.07	-238.60	-153.35	0.00	
9100.00	0.00	359.49	9077.06	-167.07	-238.60	-153.35	0.00	
9200.00	0.00	359.49	9177.06	-167.07	-238.60	-153.35	0.00	
9300.00	0.00	359.49	9277.06	-167.07	-238.60	-153.35	0.00	
9372.94	0.00	359.49	9350.00	-167.07	-238.60	-153.35	0.00	1st Bone Spring Lime
9400.00	0.00	359.49	9377.06	-167.07	-238.60	-153.35	0.00	
9500.00	0.00	359.49	9477.06	-167.07	-238.60	-153.35	0.00	
9600.00	0.00	359.49	9577.06	-167.07	-238.60	-153.35	0.00	
9700.00	0.00	359.49	9677.06	-167.07	-238.60	-153.35	0.00	
9800.00	0.00	359.49	9777.06	-167.07	-238.60	-153.35	0.00	
9900.00	0.00	359.49	9877.06	-167.07	-238.60	-153.35	0.00	
10000.00	0.00	359.49	9977.06	-167.07	-238.60	-153.35	0.00	
10100.00	0.00	359.49	10077.06	-167.07	-238.60	-153.35	0.00	
10200.00	0.00	359.49	10177.06	-167.07	-238.60	-153.35	0.00	
10300.00	0.00	359.49	10277.06	-167.07	-238.60	-153.35	0.00	
10400.00	0.00	359.49	10377.06	-167.07	-238.60	-153.35	0.00	
10472.94	0.00	359.49	10450.00	-167.07	-238.60	-153.35	0.00	Bone Spring 1st
10500.00	0.00	359.49	10477.06	-167.07	-238.60	-153.35	0.00	
10600.00	0.00	359.49	10577.06	-167.07	-238.60	-153.35	0.00	
10700.00	0.00	359.49	10677.06	-167.07	-238.60	-153.35	0.00	
10800.00	0.00	359.49	10777.06	-167.07	-238.60	-153.35	0.00	
10900.00	0.00	359.49	10877.06	-167.07	-238.60	-153.35	0.00	
11000.00	0.00	359.49	10977.06	-167.07	-238.60	-153.35	0.00	
11047.94	0.00	359.49	11025.00	-167.07	-238.60	-153.35	0.00	Bone Spring 2nd
11100.00	0.00	359.49	11077.06	-167.07	-238.60	-153.35	0.00	
11200.00	0.00	359.49	11177.06	-167.07	-238.60	-153.35	0.00	
11300.00	0.00	359.49	11277.06	-167.07	-238.60	-153.35	0.00	
11400.00	0.00	359.49	11377.06	-167.07	-238.60	-153.35	0.00	
11472.94	0.00	359.49	11450.00	-167.07	-238.60	-153.35	0.00	3rd Bone Spring Lime
11500.00	0.00	359.49	11477.06	-167.07	-238.60	-153.35	0.00	
11600.00	0.00	359.49	11577.06	-167.07	-238.60	-153.35	0.00	
11700.00	0.00	359.49	11677.06	-167.07	-238.60	-153.35	0.00	
11800.00	0.00	359.49	11777.06	-167.07	-238.60	-153.35	0.00	
11900.00	0.00	359.49	11877.06	-167.07	-238.60	-153.35	0.00	
12000.00	0.00	359.49	11977.06	-167.07	-238.60	-153.35	0.00	
12042.94	0.00	359.49	12020.00	-167.07	-238.60	-153.35	0.00	Bone Spring 3rd / Point of Penetration
12100.00	0.00	359.49	12077.06	-167.07	-238.60	-153.35	0.00	
12129.98	0.00	359.49	12107.04	-167.07	-238.60	-153.35	0.00	KOP
12200.00	7.00	359.49	12176.89	-162.80	-238.64	-149.08	10.00	
12300.00	17.00	359.49	12274.58	-142.03	-238.82	-128.34	10.00	
12400.00	27.00	359.49	12367.18	-104.61	-239.16	-90.97	10.00	
12500.00	37.00	359.49	12451.87	-51.69	-239.63	-38.10	10.00	
12600.00	47.00	359.49	12526.09	15.14	-240.22	28.66	10.00	
12700.00	57.00	359.49	12587.58	93.84	-240.92	107.27	10.00	

Stranger 34 Fed Com 10H



Well: Stranger 34 Fed Com 10H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12800.00	67.00	359.49	12634.46	182.02	-241.71	195.36	10.00	
12900.00	77.00	359.49	12665.32	277.00	-242.56	290.24	10.00	
13000.00	87.00	359.49	12679.22	375.90	-243.44	389.03	10.00	
13029.98	90.00	359.49	12680.00	405.87	-243.70	418.96	10.00	Landing Point
13100.00	90.00	359.49	12680.00	475.88	-244.32	488.90	0.00	
13200.00	90.00	359.49	12680.00	575.88	-245.22	588.79	0.00	
13300.00	90.00	359.49	12680.00	675.87	-246.11	688.67	0.00	
13400.00	90.00	359.49	12680.00	775.87	-247.00	788.56	0.00	
13500.00	90.00	359.49	12680.00	875.87	-247.89	888.45	0.00	
13600.00	90.00	359.49	12680.00	975.86	-248.78	988.34	0.00	
13700.00	90.00	359.49	12680.00	1075.86	-249.67	1088.22	0.00	
13800.00	90.00	359.49	12680.00	1175.86	-250.56	1188.11	0.00	
13900.00	90.00	359.49	12680.00	1275.85	-251.45	1288.00	0.00	
14000.00	90.00	359.49	12680.00	1375.85	-252.34	1387.89	0.00	
14100.00	90.00	359.49	12680.00	1475.84	-253.23	1487.77	0.00	
14200.00	90.00	359.49	12680.00	1575.84	-254.12	1587.66	0.00	
14300.00	90.00	359.49	12680.00	1675.84	-255.01	1687.55	0.00	
14400.00	90.00	359.49	12680.00	1775.83	-255.90	1787.43	0.00	
14500.00	90.00	359.49	12680.00	1875.83	-256.79	1887.32	0.00	
14600.00	90.00	359.49	12680.00	1975.82	-257.68	1987.21	0.00	
14700.00	90.00	359.49	12680.00	2075.82	-258.57	2087.10	0.00	
14800.00	90.00	359.49	12680.00	2175.82	-259.47	2186.98	0.00	
14900.00	90.00	359.49	12680.00	2275.81	-260.36	2286.87	0.00	
15000.00	90.00	359.49	12680.00	2375.81	-261.25	2386.76	0.00	
15100.00	90.00	359.49	12680.00	2475.80	-262.14	2486.64	0.00	
15200.00	90.00	359.49	12680.00	2575.80	-263.03	2586.53	0.00	
15300.00	90.00	359.49	12680.00	2675.80	-263.92	2686.42	0.00	
15400.00	90.00	359.49	12680.00	2775.79	-264.81	2786.31	0.00	
15500.00	90.00	359.49	12680.00	2875.79	-265.70	2886.19	0.00	
15600.00	90.00	359.49	12680.00	2975.78	-266.59	2986.08	0.00	
15700.00	90.00	359.49	12680.00	3075.78	-267.48	3085.97	0.00	
15800.00	90.00	359.49	12680.00	3175.78	-268.37	3185.85	0.00	
15900.00	90.00	359.49	12680.00	3275.77	-269.26	3285.74	0.00	
16000.00	90.00	359.49	12680.00	3375.77	-270.15	3385.63	0.00	
16100.00	90.00	359.49	12680.00	3475.76	-271.04	3485.52	0.00	
16200.00	90.00	359.49	12680.00	3575.76	-271.93	3585.40	0.00	
16300.00	90.00	359.49	12680.00	3675.76	-272.83	3685.29	0.00	
16400.00	90.00	359.49	12680.00	3775.75	-273.72	3785.18	0.00	
16500.00	90.00	359.49	12680.00	3875.75	-274.61	3885.07	0.00	
16600.00	90.00	359.49	12680.00	3975.74	-275.50	3984.95	0.00	
16700.00	90.00	359.49	12680.00	4075.74	-276.39	4084.84	0.00	
16800.00	90.00	359.49	12680.01	4175.74	-277.28	4184.73	0.00	
16900.00	90.00	359.49	12680.01	4275.73	-278.17	4284.61	0.00	
17000.00	90.00	359.49	12680.01	4375.73	-279.06	4384.50	0.00	
17100.00	90.00	359.49	12680.01	4475.72	-279.95	4484.39	0.00	
17200.00	90.00	359.49	12680.01	4575.72	-280.84	4584.28	0.00	
17300.00	90.00	359.49	12680.01	4675.72	-281.73	4684.16	0.00	
17400.00	90.00	359.49	12680.01	4775.71	-282.62	4784.05	0.00	
17500.00	90.00	359.49	12680.01	4875.71	-283.51	4883.94	0.00	
17592.01	90.00	359.49	12680.01	4967.71	-284.33	4975.84	0.00	EXIT
17600.00	90.00	359.49	12680.01	4975.70	-284.40	4983.82	0.00	
17672.01	90.00	359.49	12680.00	5047.71	-285.02	5055.75	0.00	BHL

Stranger 34 Fed Com 10H



Well: Stranger 34 Fed Com 10H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Stranger 34 Fed Com 10H

Well: Stranger 34 Fed Com 10H
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Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

Stranger 34 Fed Com 10H

1. Geologic Formations

TVD of target	12680	Pilot hole depth	N/A
MD at TD:	17672	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	810		
Salt	1200		
Base of Salt	5325		
Cherry Canyon	6325		
Brushy Canyon	8050		
1st Bone Spring Lime	9350		
Bone Spring 1st	10450		
Bone Spring 2nd	11025		
3rd Bone Spring Lime	11450		
Bone Spring 3rd	12020		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

Stranger 34 Fed Com 10H

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	STC	0	835	0	835
9 7/8	8 5/8	32	P110	TLW	0	11050	0	11050
7 7/8	5 1/2	17	P110	BTC	0	17672	0	12680

• All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	643	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	609	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	609	Surf	9	3.27	Lead: Class C Cement + additives
	67	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	92	10550	9	3.27	Lead: Class H / C + additives
	733	12130	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

Stranger 34 Fed Com 10H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:	
Int 1		13-5/8"	5M	Annular		X	50% of rated working pressure
				Blind Ram		X	5M
				Pipe Ram			
				Double Ram		X	
				Other*			
Production		13-5/8"	5M	Annular (5M)		X	50% of rated working pressure
				Blind Ram		X	5M
				Pipe Ram			
				Double Ram		X	
				Other*			
				Annular (5M)			
				Blind Ram			
				Pipe Ram			
				Double Ram			
				Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.						
Y	A variance is requested to run a 5 M annular on a 10M system						

Stranger 34 Fed Com 10H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	Int. shoe to KOP
	Density	Int. shoe to KOP
X	CBL	Production casing
X	Mud log	Intermediate shoe to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	5934
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed

Stranger 34 Fed Com 10H

from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.,
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pa.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. A that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
 Other, describe

District I

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:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 41408

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 41408
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/20/2021