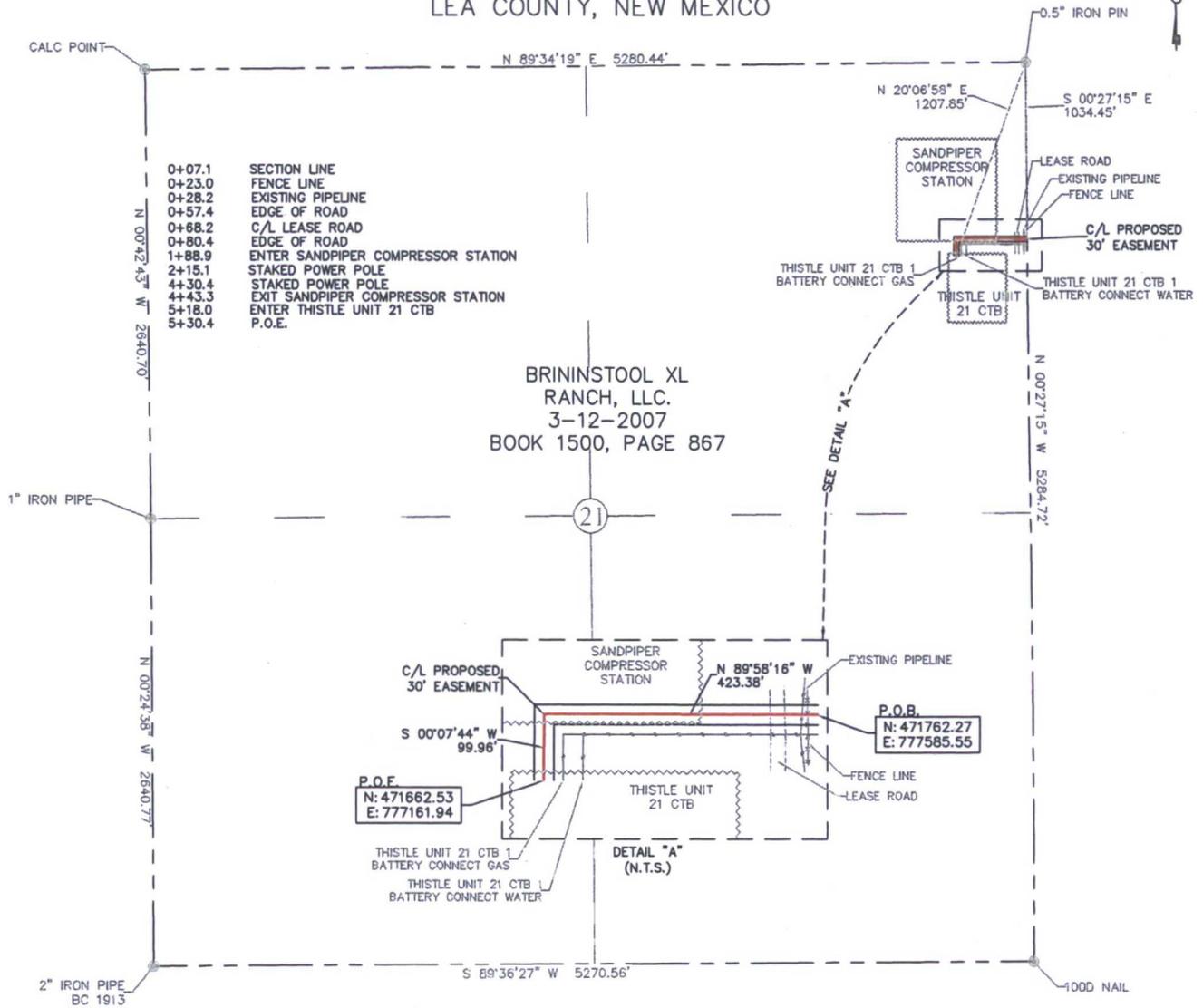


EXHIBIT "A"  
 PAGE 1 of 2  
 ELECTRIC LINE PLAT  
 SECTION 21, T23S-R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO

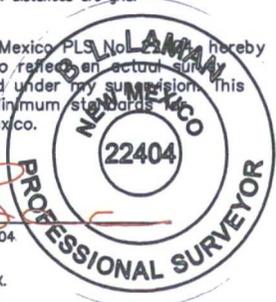


30' EASEMENT AREA = 0.360 ACRE(S)  
 523.34 FEET OR 31.72 RODS

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



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

0 1000 2000



<b>HORIZON ROW LLC</b>		DEVON ENERGY PRODUCTION COMPANY, L.P.		LINE NUMBER: EL7865
Drawn for:		THISLE UNIT 21 CTB 1 BATTERY ELECTRIC LINE		WBS NUMBER: CC-114674.AL
		PROPOSED 30' EASEMENT ON THE PROPERTY OF BRININSTOOL XL, LLC.		SCALE: 1" = 1000'
Drawn by: CHRIS MAAS	Date: 09/28/2016	SECTION 21, T23S-R33E, N.M.P.M.		REVISIONS:
				SHEET: 1 OF 2

SECTION 21, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

ELECTRIC LINE PLAT  
LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

BRININSTOOL XL RANCH, LLC.

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 northeast quarter (NE ¼) of Section 21, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by Brininstool XL Ranch, LLC as described by deed dated March 12, 2007, recorded in Book 1500, Page 867. Said centerline of easement being more particularly described as follows:

Commencing from a 1/2" iron pine found for the northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 00°27'15" E, a distance of 1034.45' to the **Point of Beginning** of this easement having coordinates of Northing=471762.27 feet, Easting=777585.55 feet and continuing the following courses;

Thence N 89°58'16" W, a distance of 423.38' to an angle point;

Thence S 00°07'44" W, a distance of 99.96' to the **Point of Ending** having coordinates of Northing=471662.53 feet, Easting=777161.94 feet, from said point a 1/2" iron pin found for the northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 20°06'58" E a distance of 1207.85', covering **523.34' or 31.72 rods** and having an area of **0.360 acres**.

NOTES:

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

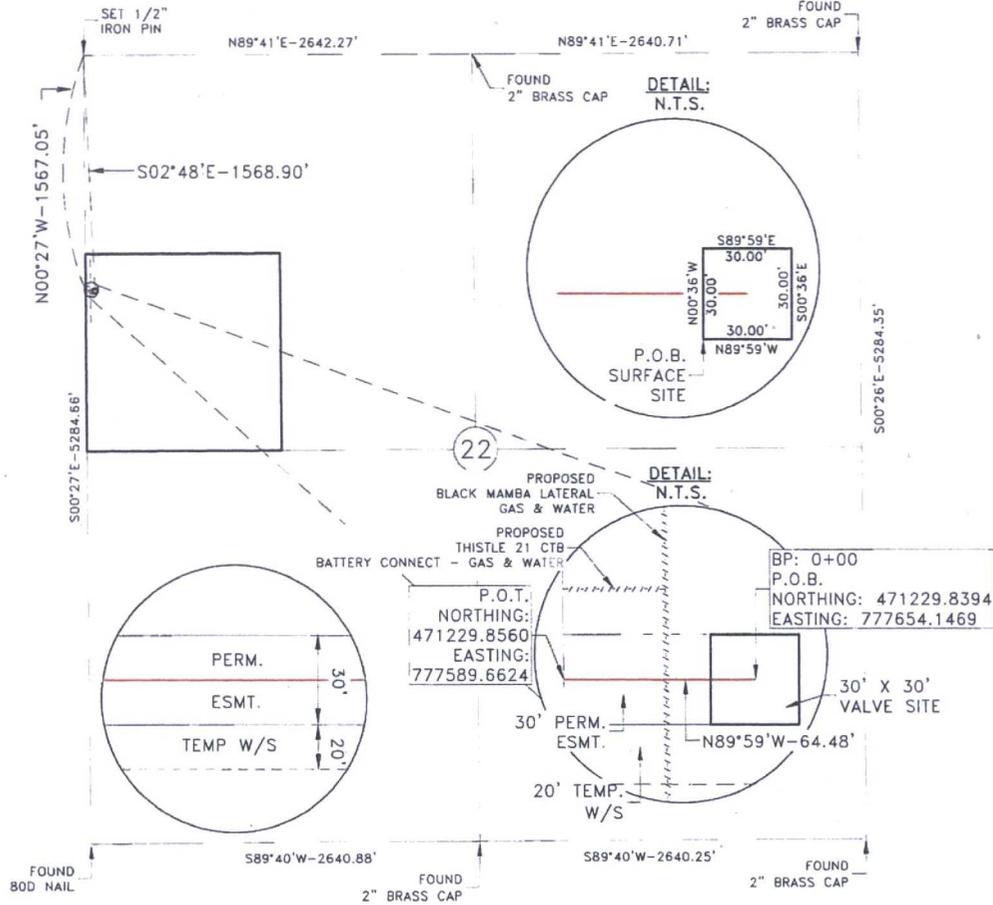
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

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



SECTION 22,  
T 23 S - R 33 E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

BEARINGS ARE GRID  
SPC, NAD 83, NEW MEXICO EAST



STATE OF NEW MEXICO  
SW/4-NW/4 SEC. 22  
64.48' OR 3.91 RODS  
0.04 ACRE PERM. ESMT.  
0.03 ACRE TEMP. W/S  
0.02 ACRE 30' X 30' SITE

0+00.00 BP: (BEGIN PIPELINE)  
0+15.00 EXIT 30' X 30' SITE  
0+64.48 APPROX. SECTION LINE,  
APPROX. PROPERTY LINE

I, Stanley W. Drannon, New Mexico PLS No. 23002, 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.

*Stanley W. Drannon* 4/15/16  
STANLEY W. DRANNON DATE  
NEW MEXICO P.L.S. NO.: 23002

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

EXISTING PIPELINE - - - - -  
PROPOSED PIPELINE - - - - -  
OVERHEAD POWER - - - - -  
FENCE - - - - -

STANLEY W. DRANNON  
STATE OF  
NO. 4/15/16  
23002  
REGISTERED PROFESSIONAL SURVEYOR

Devon Energy Production Co., L.P.  
333 W. Sheridan  
Oklahoma City, OK 73102

devon

PO. BOX 960  
WEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580

Gateway Services Group, LLC

EXHIBIT "A"  
THISTLE 21 CTB BATTERY CONNECT CRUDE  
SECTION 22, T 23 S - R 33 E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO  
STATE OF NEW MEXICO

DRAWN BY: KEU	DATE: 9/15/15	CHK'D: ET
GATEWAY NO.: 15-0632-001YR1	SCALE: 1"=1000'	
LINE NO.: 761030Y	WBS: CC-111336.02.LND	
REV. DWN.	DESCRIPTION	DATE
1	KEU REVISED SITE DIMENSIONS	4/15/16

SECTION 22, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION  
FOR  
DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION

A thirty (30) foot wide permanent easement, fifteen (15) feet each side of the following described centerline located in Section 22, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being a parcel of land owned by the State of New Mexico, of Said centerline of easement being more particularly described as follows:

Commencing at a corner for the Northwest corner of said Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence, S02°48'E, a distance of 1568.90 feet to the Point of Beginning having coordinates of Northing= 471229.8394, Easting= 777654.1469 and continuing the following courses;

Thence, N89°59'W, a distance of 64.48 feet to the Point of Termination having coordinates of Northing= 471229.8560, Easting= 777589.6624, covering 64.48 feet or 3.91 rods and having an area of 0.04 acres and bearing N00°27'W, a distance of 1567.05 feet to the Northwest corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico, being more allocated by forties as follows:

SW/4-NW/4 64.48 L.F. 3.91 RODS 0.04 ACRES

20' TEMPORARY WORKSPACE DESCRIPTION:

A temporary workspace, twenty (20) feet wide lying on the left (South) side and adjoining the left (South) side of the above described thirty (30) foot wide permanent easement, having a total of 0.03 acres.

30' X 30' SURFACE SITE EASEMENT DESCRIPTION:

A surface site easement, thirty (30) feet in width and thirty (30) feet in length located in Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Commencing at a found corner for the Northwest corner of said Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence, S02°14'E, a distance of 1583.22 feet to the Point of Beginning of this surface site and continuing the following courses;

N00°36'W, a distance of 30.00 feet to a point;

S89°59'E, a distance of 30.00 feet to a point;

S00°36'E, a distance of 30.00 feet to a point;

N89°59'W, a distance of 30.00 feet to the Point of Beginning,

having an area of 0.02 acres.

NOTES:

Bearings, distances and coordinates shown herein are based on the New Mexico State Plane Coordinates System.

Devon Energy  
Production Co., L.P.  
333 W Sheridan  
Oklahoma City, OK 73102



Gateway  
Gateway Services Group, LLC  
PO. BOX 960  
MEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580

I, Stanley W. Drannon, New Mexico PLS No. 23002, 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.

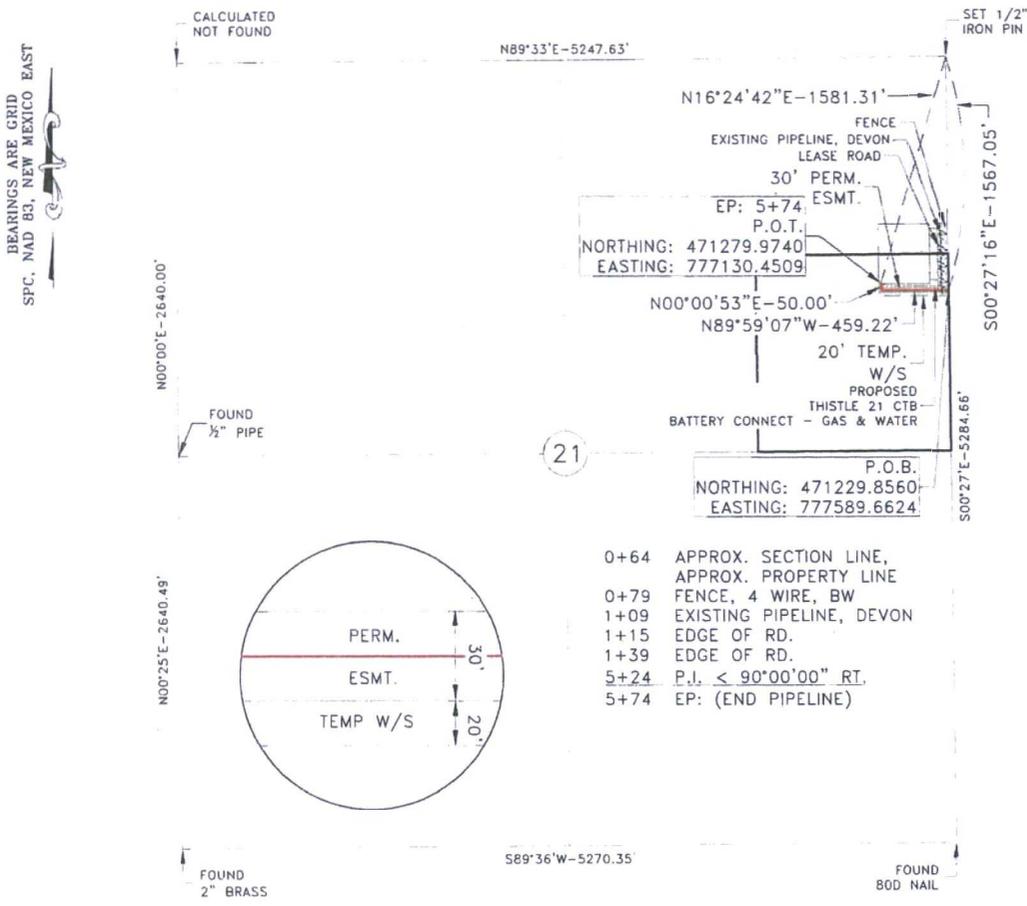
*Stanley W. Drannon* 4/15/16  
STANLEY W. DRANNON DATE  
NEW MEXICO P.L.S. NO.: 23002



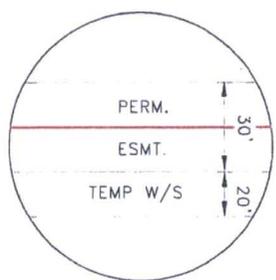
EXHIBIT "A"  
THISTLE 21 CTB BATTERY CONNECT  
CRUDE  
SECTION 22, T 23 S - R 33 E, N.M.P.M.  
LEA COUNTY, NEW MEXICO  
STATE OF NEW MEXICO

DRAWN BY: KEU	DATE: 9/15/15	CHK'D: ET
GATEWAY NO.: 15-0632-002TR1	SCALE:	
LINE NO.: 761030Y	WBS: CC-111336.02LND	
REV. DWN:	DESCRIPTION	DATE
1 KEU	REVISED SITE DIMENSIONS	4/15/16

SECTION 21,  
T 23 S - R 33 E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO



- 0+64 APPROX. SECTION LINE, APPROX. PROPERTY LINE
- 0+79 FENCE, 4 WIRE, BW
- 1+09 EXISTING PIPELINE, DEVON
- 1+15 EDGE OF RD.
- 1+39 EDGE OF RD.
- 5+24 P.I. < 90°00'00" RT.
- 5+74 EP: (END PIPELINE)



SE/4-NE/4 SEC. 21  
BRINSTOOL XL RANCH, LLC  
509.22' OR 30.86 RODS  
0.35 ACRE PERM. ESMT.  
0.23 ACRE TEMP. W/S

I, Stanley W. Drannon, New Mexico PLS No. 23002, 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.

*Stanley W. Drannon* 10/12/15  
STANLEY W. DRANNON DATE  
NEW MEXICO P.L.S. NO. 23002

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  
EXISTING PIPELINE - - - - -  
PROPOSED PIPELINE - - - - -  
OVERHEAD POWER - - - - -  
FENCE - - - - -



Devon Energy Production Co., L.P.  
333 W Sheridan  
Oklahoma City, OK 73102

devon  
Gateway  
Gateway Services Group, LLC

EXHIBIT "A"  
THISTLE 21 CTB BATTERY CONNECT  
CRUDE  
SECTION 21, T 23 S - R 33 E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO  
BRINSTOOL XL RANCH, LLC

DRAWN BY: KEU	DATE: 9/15/15	CHK'D: ET
GATEWAY NO. 15-0632-002Y		SCALE: 1"=1000'
LINE NO.:		WBS: CC-111336.02.LND
REV. DWN:	DESCRIPTION	DATE

SECTION 21, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION  
FOR  
DEVON ENERGY PRODUCTION COMPANY, L.P.

BRININSTOOL XL RANCH, LLC

30' EASEMENT DESCRIPTION

A thirty (30) foot wide permanent easement, fifteen (15) feet each side of the following described centerline located in Section 21, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being a parcel of land owned by Brininstool XL Ranch, LLC, of Said centerline of easement being more particularly described as follows:

Commencing at a corner for the Northeast corner of said Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence, S00°27'E, a distance of 1567.05 feet to the Point of Beginning having coordinates of Northing= 471229.8560, Easting= 777589.6624 and continuing the following courses;

Thence, N89°59'07"W, a distance of 459.22 feet to an angle point;

Thence, N00°00'53"E, a distance of 50.00 feet to the Point of Termination having coordinates of Northing= 471279.9740, Easting= 777130.4509, covering 509.22 feet or 30.86 rods and having an area of 0.35 acres and bearing N16°24'42"E, a distance of 1581.31 feet to the Northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico, being more allocated by forties as follows:

20' TEMPORARY WORKSPACE DESCRIPTION:

A temporary workspace, twenty (20) feet wide lying on the left (South) side and adjoining the left (South) side of the above described thirty (30) foot wide permanent easement, having a total of 0.23 acres.

NOTES:

Bearings, distances and coordinates shown herein are based on the New Mexico State Plane Coordinates System.

I, Stanley W. Drannon, New Mexico PLS No. 23002, 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.

*Stanley W. Drannon* 10/12/15  
STANLEY W. DRANNON DATE  
NEW MEXICO P.L.S. NO. 23002



Devon Energy  
Production Co., L.P.  
333 W Sheridan  
Oklahoma City, OK 73102



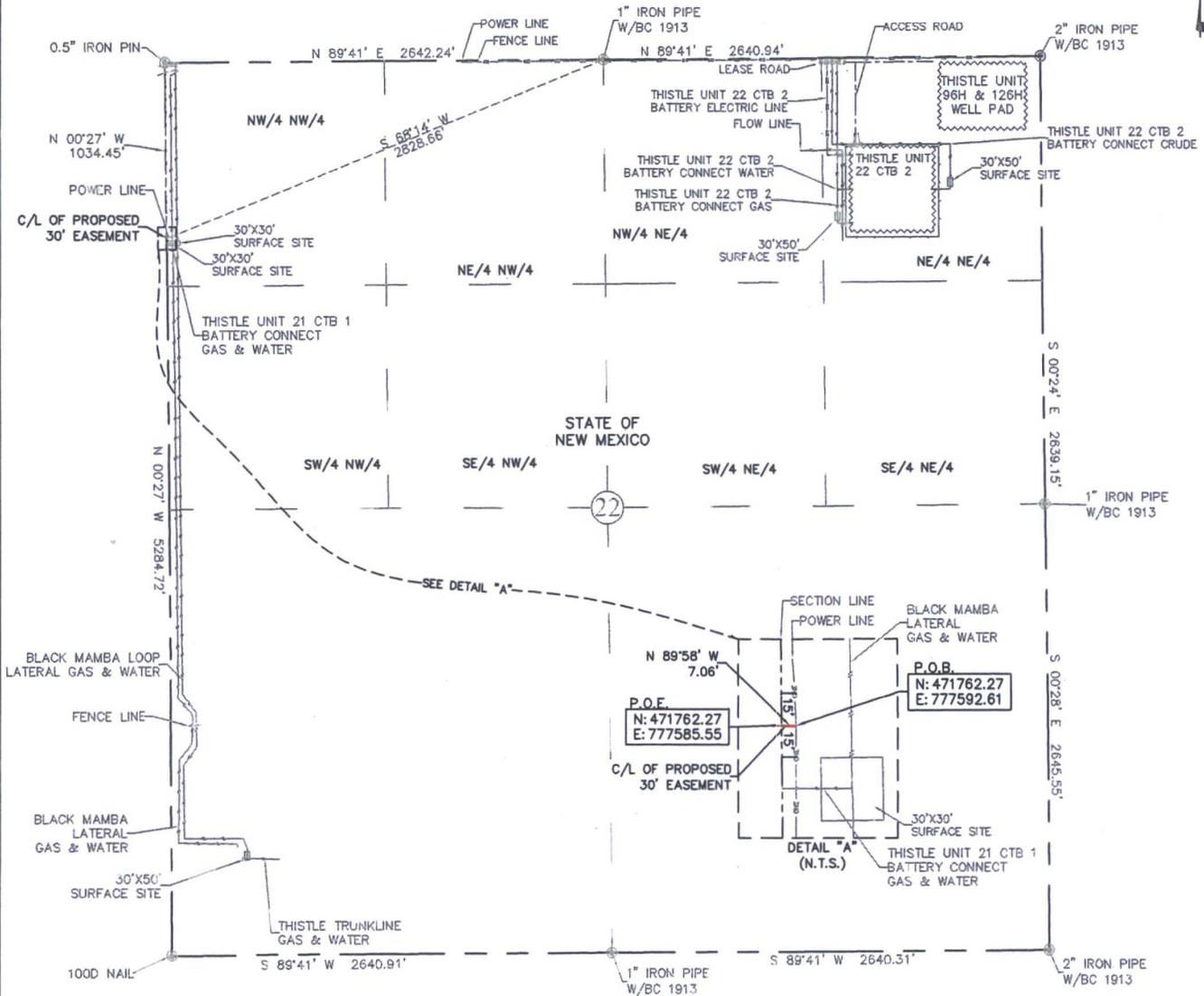
Gateway  
Gateway Services Group, LLC

P.O. BOX 960  
MEEKER, OK 74855  
OFF. (405) 273-0954  
FAX (405) 273-0580

EXHIBIT "A"  
THIS/LE 21 CTB BATTERY CONNECT  
CRUDE  
SECTION 21, T 23 S - R 33 E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO  
BRININSTOOL XL RANCH, LLC

DRAWN BY: KEU	DATE: 9/15/15	CHK'D: ET
GATEWAY NO.: 15-0632-001Y	SCALE:	
LINE NO.:	WBS: CG-111336.02.LND	
REV. DWN.	DESCRIPTION	DATE

EXHIBIT "A"  
 PAGE 1 of 2  
 ELECTRIC LINE PLAT  
 SECTION 22, T23S-R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO



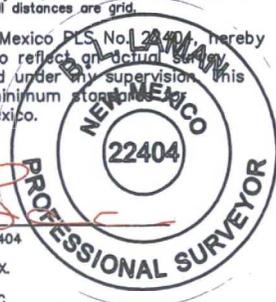
0+00.0 P.O.B./EXISTING POWER POLE  
 0+07.1 SECTION LINE

QUARTER/ QUARTER	30' EASEMENT AREA	FEET	RODS
NW/4 NW/4	0.005 ACRES	7.06	0.43

SEE THE ATTACHED LEGAL DESCRIPTION

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

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



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

HORIZON ROW LLC

Drawn for:



Drawn by:  
CHRIS MAAS

Date: 09/28/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.

THISTLE UNIT 21 CTB 1 BATTERY  
ELECTRIC LINE

PROPOSED 30' EASEMENT  
ON THE PROPERTY OF  
STATE OF NEW MEXICO  
SECTION 22, T23S-R33E, N.M.P.M.

LINE NUMBER:  
EL7865

WBS NUMBER:  
CC-114674.AL

SCALE:  
1" = 1000'

REVISIONS:

SHEET:  
1 OF 2

0 1000 2000



SECTION 22, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

ELECTRIC LINE 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 northwest quarter (NW ¼, NW¼) of Section 22, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" iron pipe w/ BC1913 found for the north quarter corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 68°14' W, a distance of 2828.66' to the **Point of Beginning** of this easement having coordinates of Northing=471762.27 feet, Easting=777592.61 feet and continuing the following course;

Thence N 89°58' W, a distance of 7.06' to the **Point of Ending** having coordinates of Northing=471762.27 feet, Easting=777585.55 feet in the west line of Sec. 22, T23S-R33E from said point a 1/2" iron pin found for the northwest corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 00°27' W a distance of 1034.45', covering **7.06' or 0.43 rods** and having an area of **0.005 acres**.

**NOTES:**

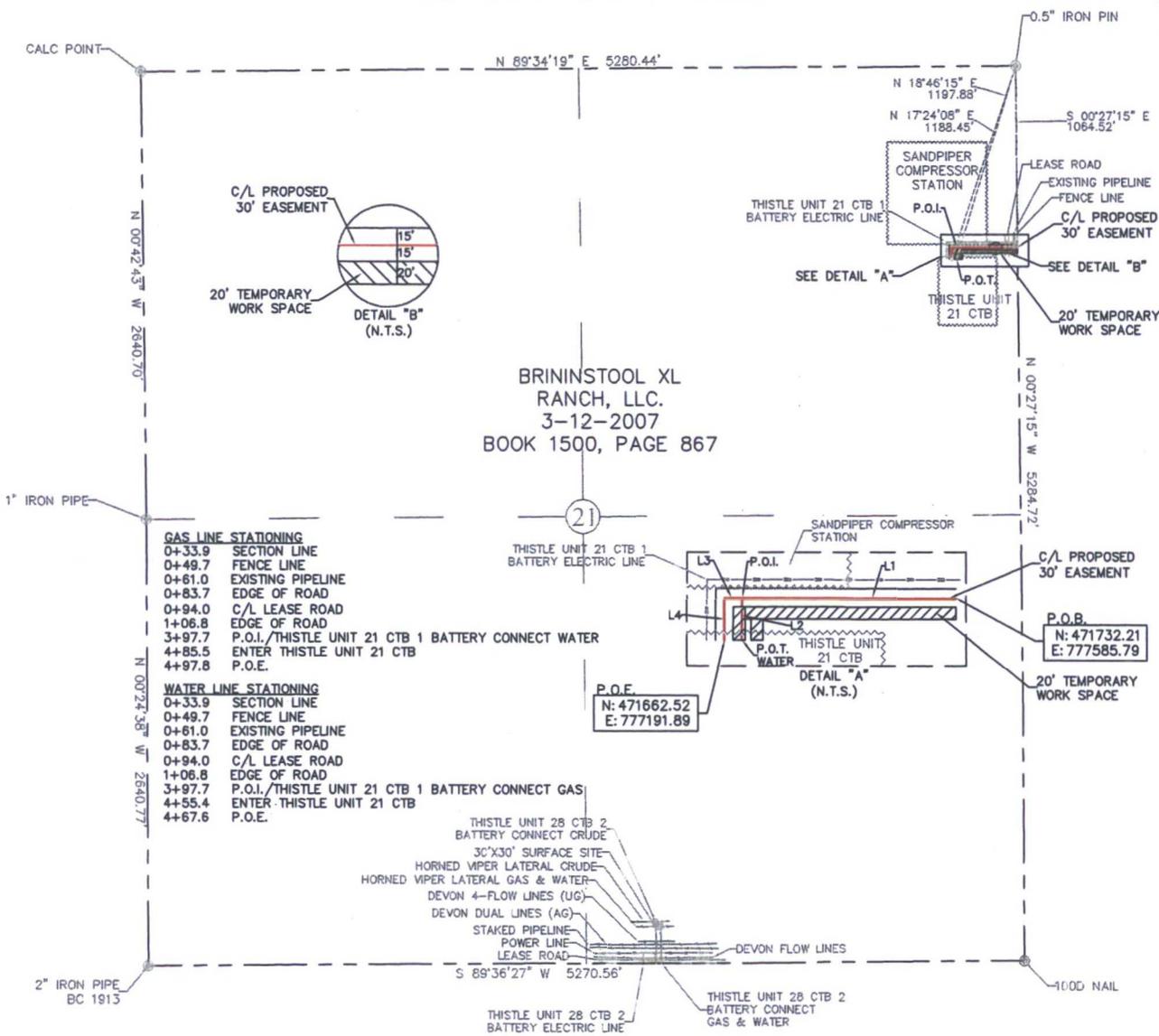
Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

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

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



EXHIBIT "A"  
PAGE 1 of 2  
SECTION 21, T23S-R33E, N.M.P.M.  
LEA COUNTY, NEW MEXICO

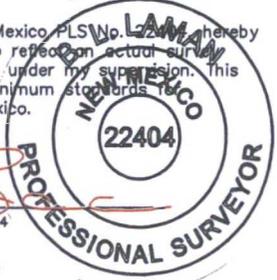


20' TEMPORARY WORK SPACE AREA = 0.206 ACRE(S)  
30' EASEMENT AREA = 0.357 ACRE(S)  
533.83 FEET OR 32.35 RODS

LINE	BEARING	DISTANCE
L1	N 89°56'46" W	363.81'
L2	S 00°03'21" W	69.91'
L3	N 89°56'46" W	30.05'
L4	S 00°01'55" W	70.06'

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

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



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

**HORIZON ROW LLC**

Drawn for:

Drawn by: CHRIS MAAS  
Date: 09/27/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.  
THISTLE UNIT 21 CTB 1  
BATTERY CONNECT  
(GAS & WATER)  
PROPOSED 30' EASEMENT  
ON THE PROPERTY OF  
BRININSTOOL XL, LLC.  
SECTION 21, T23S-R33E, N.M.P.M.

LINE NUMBER: 761030X,Z  
WBS NUMBER: CC-117763.01  
SCALE: 1" = 1000'  
REVISIONS:  
SHEET: 1 OF 2



SECTION 21, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

BRININSTOOL XL RANCH, LLC.

**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 northeast quarter (NE ¼) of Section 21, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by Brininstool XL Ranch, LLC as described by deed dated March 12, 2007, recorded in Book 1500, Page 867. Said centerline of easement being more particularly described as follows:

Commencing from a 1/2" iron rod found for the northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 00°27'15" E, a distance of 1064.52' to the **Point of Beginning** of this easement having coordinates of Northing=471732.21 feet, Easting=777585.79 feet and continuing the following courses;

Thence N 89°56'46" W, a distance of 363.81' to a point of intersection;

Thence S 00°03'21" W, a distance of 69.91' to the point of termination of this portion of said easement, from said point a 1/2" iron pin found for the northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 17°24'08" E a distance of 1188.45';

Thence continuing from said point of intersection the following courses;

Thence N 89°56'46" W, a distance of 30.05' to an angle point;

Thence S 00°01'55" W, a distance of 70.06' to the **Point of Ending** having coordinates of Northing=471662.52 feet, Easting=777191.89 feet, from said point a 1/2" iron pin found for the northeast corner of Section 21, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 18°46'15" E a distance of 1197.88', covering **533.83' or 32.35 rods** and having an area of **0.357 acres**.

**20' TEMPORARY WORKSPACE DESCRIPTION:**

Being a temporary work space twenty (20) feet in width lying on the left side and adjoining the left side of the above described thirty (30) feet easement, having a total area of **0.206 acres**.

**NOTES:**

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

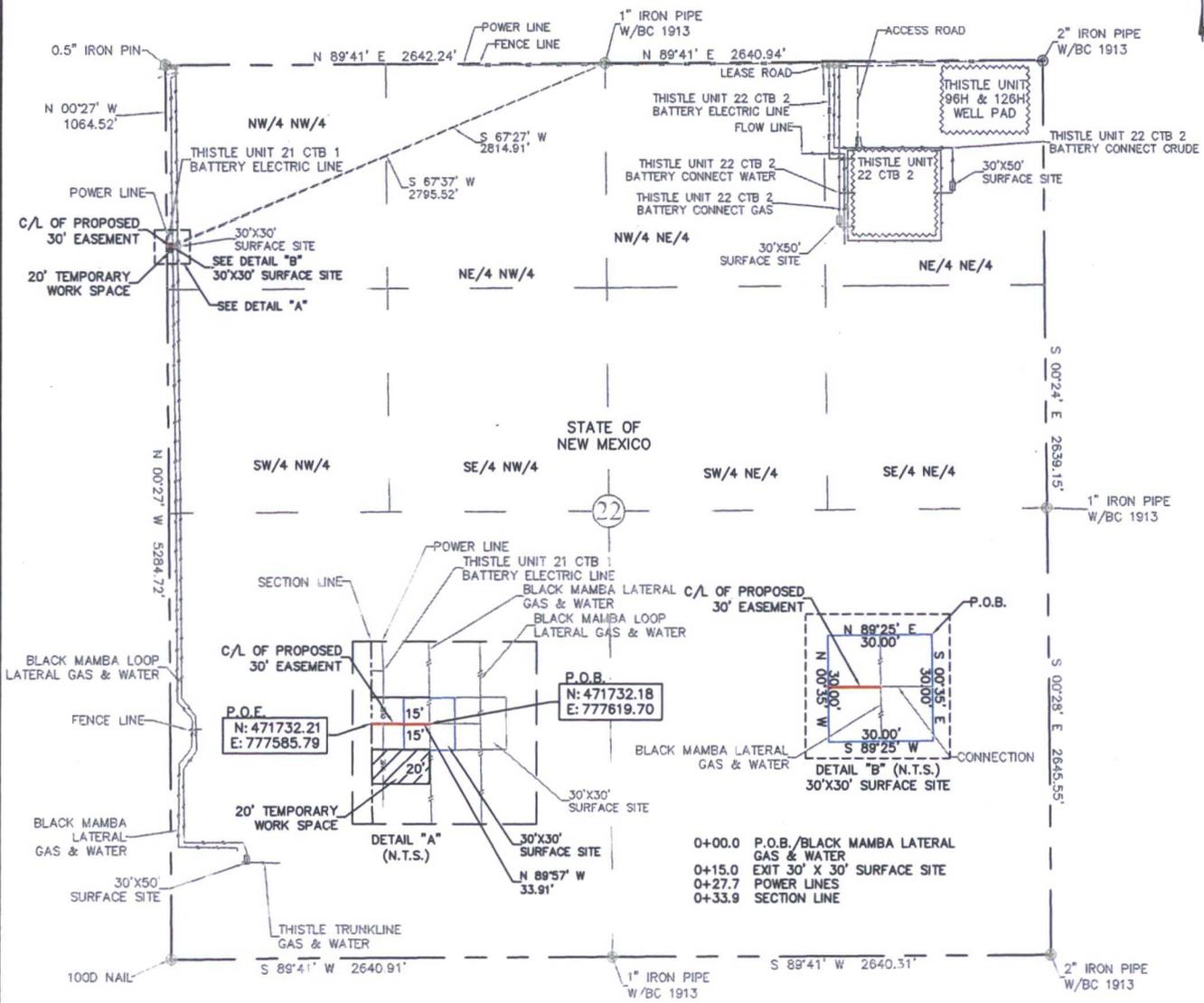
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



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



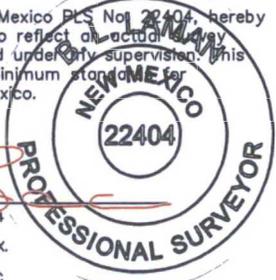
EXHIBIT "A"  
 PAGE 1 of 2  
 SECTION 22, T23S-R33E, N.M.P.M.  
 LEA COUNTY, NEW MEXICO



- 0+00.0 P.O.B./BLACK MAMBA LATERAL GAS & WATER
- 0+15.0 EXIT 30' X 30' SURFACE SITE
- 0+27.7 POWER LINES
- 0+33.9 SECTION LINE

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

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



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

QUARTER/ QUARTER	30'X30' SURFACE SITE EASEMENT	30' EASEMENT AREA	20' TEMP. WORK SPACE EASEMENT AREA	FEET	RODS
NW/4 NW/4	0.02 ACRES	0.02 ACRES	0.02 ACRES	33.91	2.06



**HORIZON ROW LLC**  
 Drawn for:  
  
 Drawn by:  
 CHRIS MAAS  
 Date: 09/27/2016

DEVON ENERGY PRODUCTION COMPANY, L.P.  
 THISTLE UNIT 21 CTB 1 BATTERY  
 CONNECT-GAS & WATER  
 PROPOSED 30' EASEMENT  
 ON THE PROPERTY OF  
 STATE OF NEW MEXICO  
 SECTION 22, T23S-R33E, N.M.P.M.

LINE NUMBER: 761030XZ
WBS NUMBER: CC-117763.01
SCALE: 1" = 1000'
REVISIONS:
SHEET: 1 OF 2

SECTION 22, T23S-R33E, N.M.P.M.,  
LEA COUNTY, NEW MEXICO

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

**30' EASEMENT DESCRIPTION:**

**BEING** an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the northwest quarter of the northwest quarter (NW ¼, NW¼) of Section 22, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" iron pipe w/ BC1913 found for the north quarter corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

Thence S 67°27' W, a distance of 2814.91' to the **Point of Beginning** of this easement having coordinates of Northing=471732.18 feet, Easting=777619.70 feet and continuing the following course;

Thence N 89°57' W, a distance of 33.91' to the **Point of Ending** having coordinates of Northing=471732.21 feet, Easting=777585.79 feet in the west line of Sec. 22, T23S-R33E from said point a 1/2" iron rod found for the northwest corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico bears N 00°27' W a distance of 1064.52', covering **33.91' or 2.06 rods** and having an area of **0.02 acres**.

**20' TEMPORARY WORK SPACE DESCRIPTION:**

Being a temporary work space twenty (20) feet in width lying on the left side and adjoining the left side of the above described thirty (30) feet easement, having a total area of **0.02 acres**.

**30' X 30' SURFACE SITE EASEMENT DESCRIPTION:**

Being a surface site easement thirty (30) feet in width and thirty (30) feet in length and out of the northwest quarter of the northwest quarter (NW¼, NW¼) of Section 22, T23S-R33E, N.M.P.M. Lea County, New Mexico, and being more particularly described as follows;

Commencing from a 1" iron pipe w/ BC 1913 for the north quarter corner of Section 22, T23S-R33E, N.M.P.M., Lea County, New Mexico;

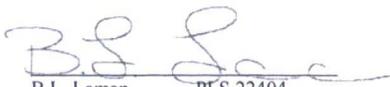
Thence S 67°37' W a distance of 2795.52' to the **Point of Beginning** of this surface site and continuing the following courses;

S 00°35' E a distance of 30.00' to a point;  
S 89°25' W a distance of 30.00' to a point;  
N 00°35' W a distance of 30.00' to a point;  
N 89°25' E a distance of 30.00' to the point of beginning, having an area of **0.02 acre**.

**NOTES:**

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

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

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



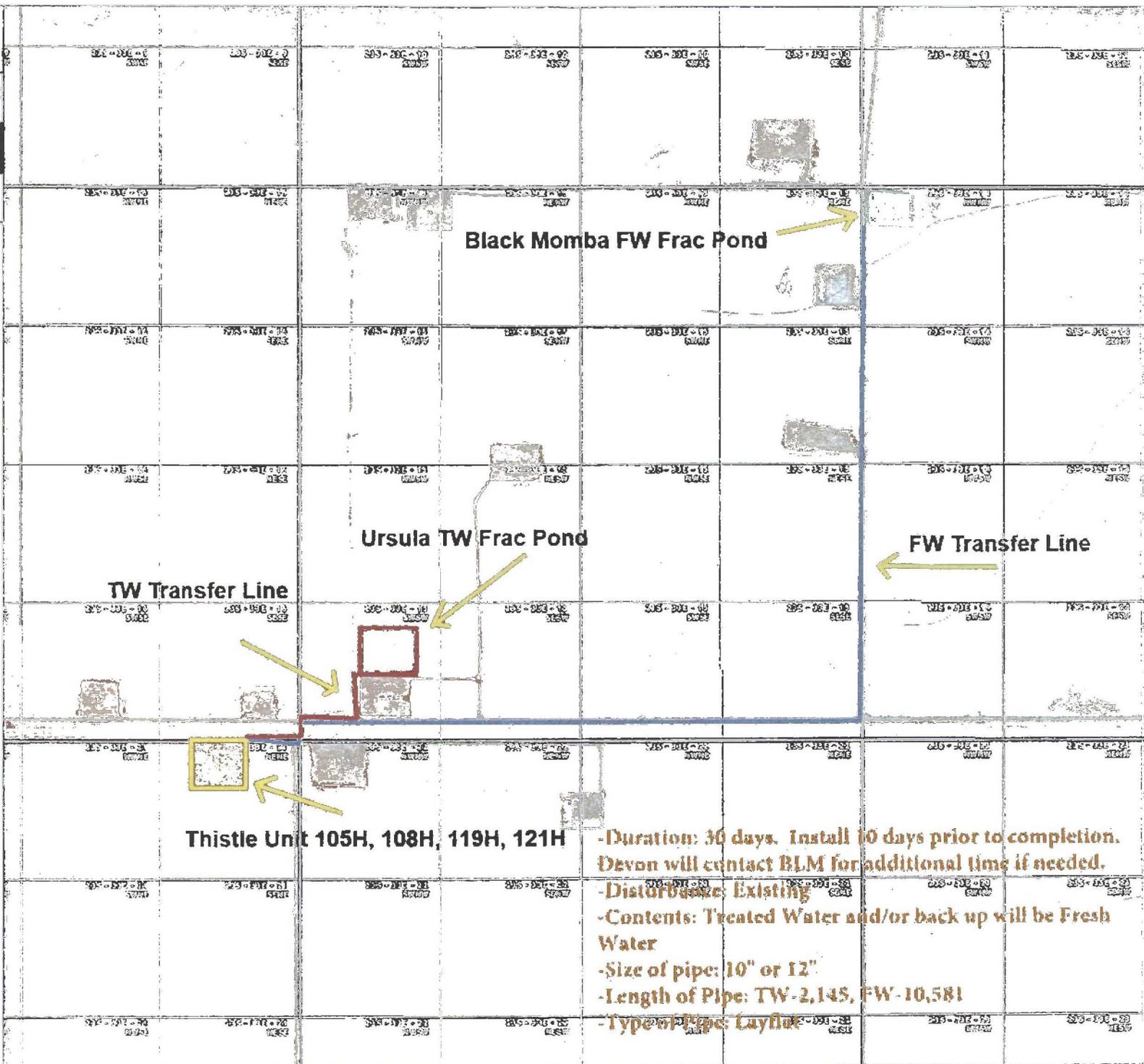


This map is for illustrative purposes only and is neither a legally recorded map nor survey and is not intended to be used as such. Devon makes no warranty, representation, or guarantee of any kind regarding this map.

WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
Prepared by: \_User  
Map is current as of: 20-Jul-2016

Miles  
0 0.07 0.14 0.28 1:14,228

- Major Facility (DMF)
- Compressor Station
- Gas Processing Plant
- Waterbody
  - Lake/Pond
  - Playa
  - Reservoir
  - Swamp/Wash
- Stream Areas
  - Canal/Ditch
  - Irrigation Area
  - Water Area
  - Other Features
- Streams
  - Artificial Path
  - Canal/Ditch
  - Coastline
  - Connector
  - Pipeline
  - Stream/River
  - Underground Conduit



-Duration: 30 days. Install 10 days prior to completion. Devon will contact BLM for additional time if needed.  
 -Disturbance: Existing  
 -Contents: Treated Water and/or back up will be Fresh Water  
 -Size of pipe: 10" or 12"  
 -Length of Pipe: TW-2,145, FW-10,581  
 -Type of Pipe: Layflat



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WGS\_1984\_Web\_Mercator\_Auxiliary\_Sphere  
Prepared by: \_User  
Map is current as of: 12-Dec-2016



Miles

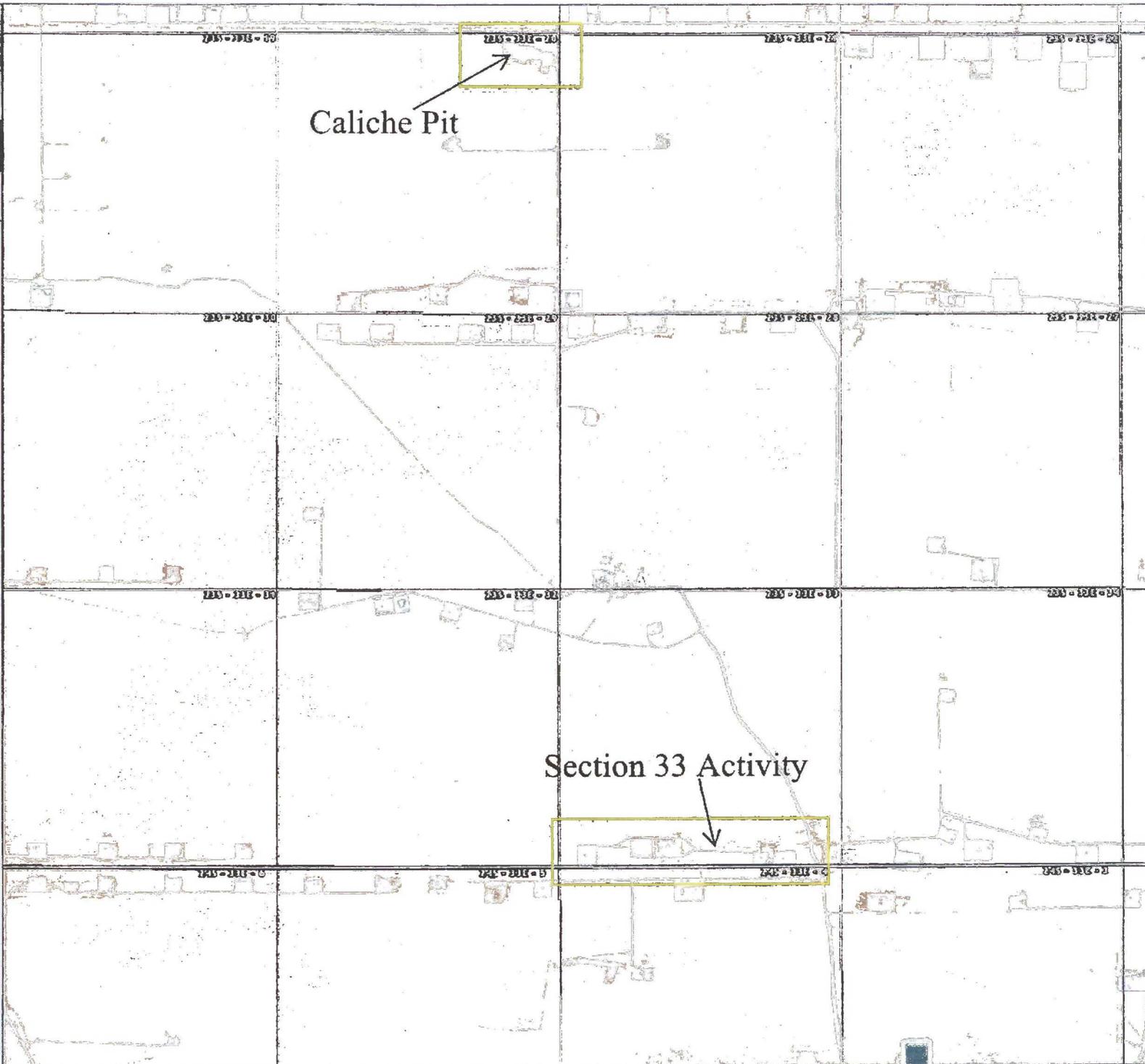
0 0.14 0.28 0.56 1:28,457

- DVN Currently Drilling
- DVN Currently Fracking

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

Caliche Pit

Section 33 Activity





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.

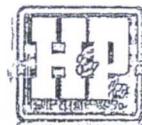
Should you have any questions or require any additional information/clarifications then please do not hesitate to contact us.

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.

6729 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

QUALITY CONTROL INSPECTION AND TEST CERTIFICATE				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 TESTED TO BE CORRECT PHOENIX RUBBER G.C.		



Casing Assumptions and Load Cases

Surface

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

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

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

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

## Casing Assumptions and Load Cases

## Intermediate

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

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

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

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

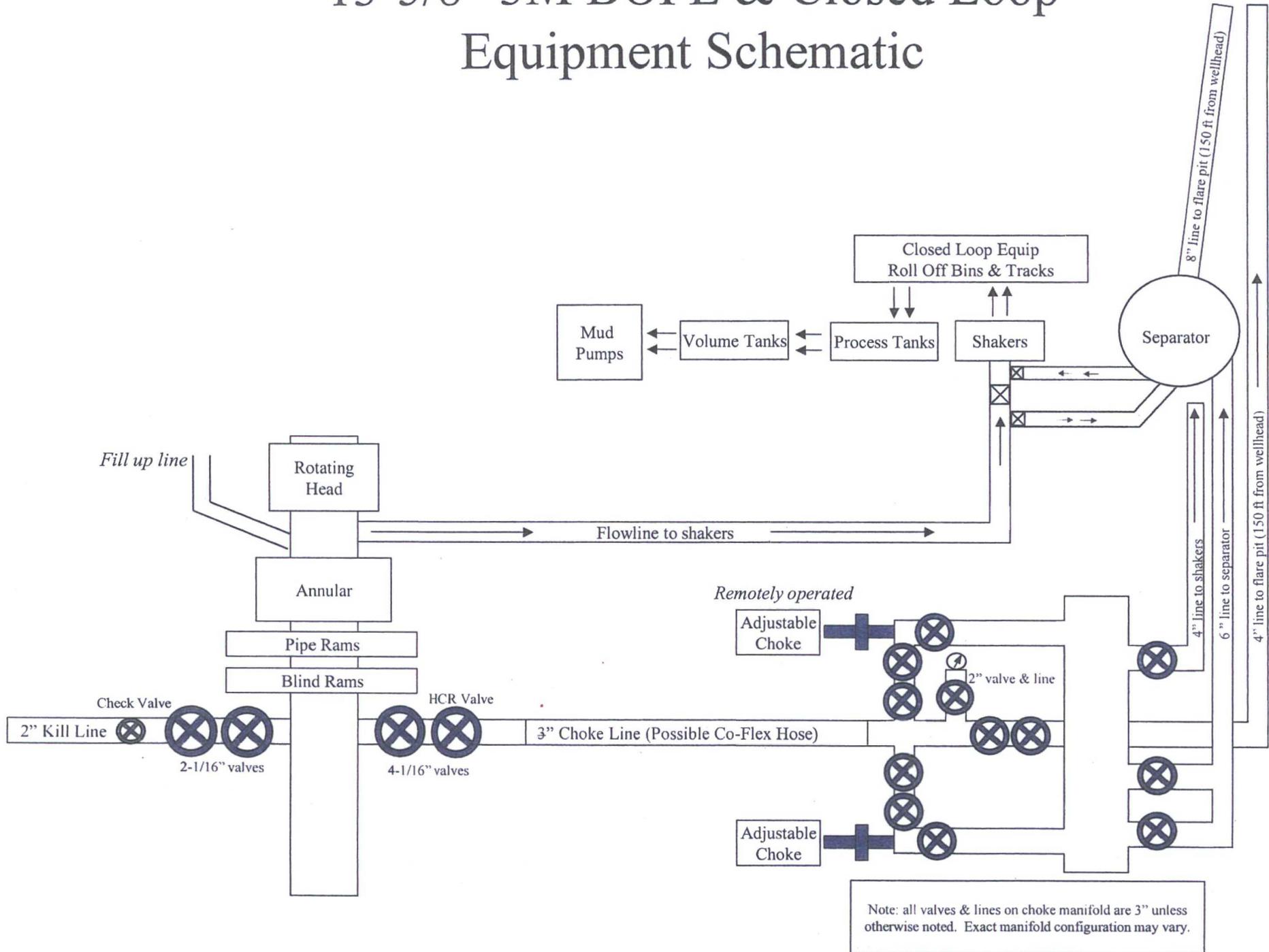
All casing design assumptions were ran in Stress Check to determine safety factor which meet or exceed both Devon Energy and BLM minimum requirements. All casing strings will be filled while running in hole in order to not exceed collapse rating of the pipe.

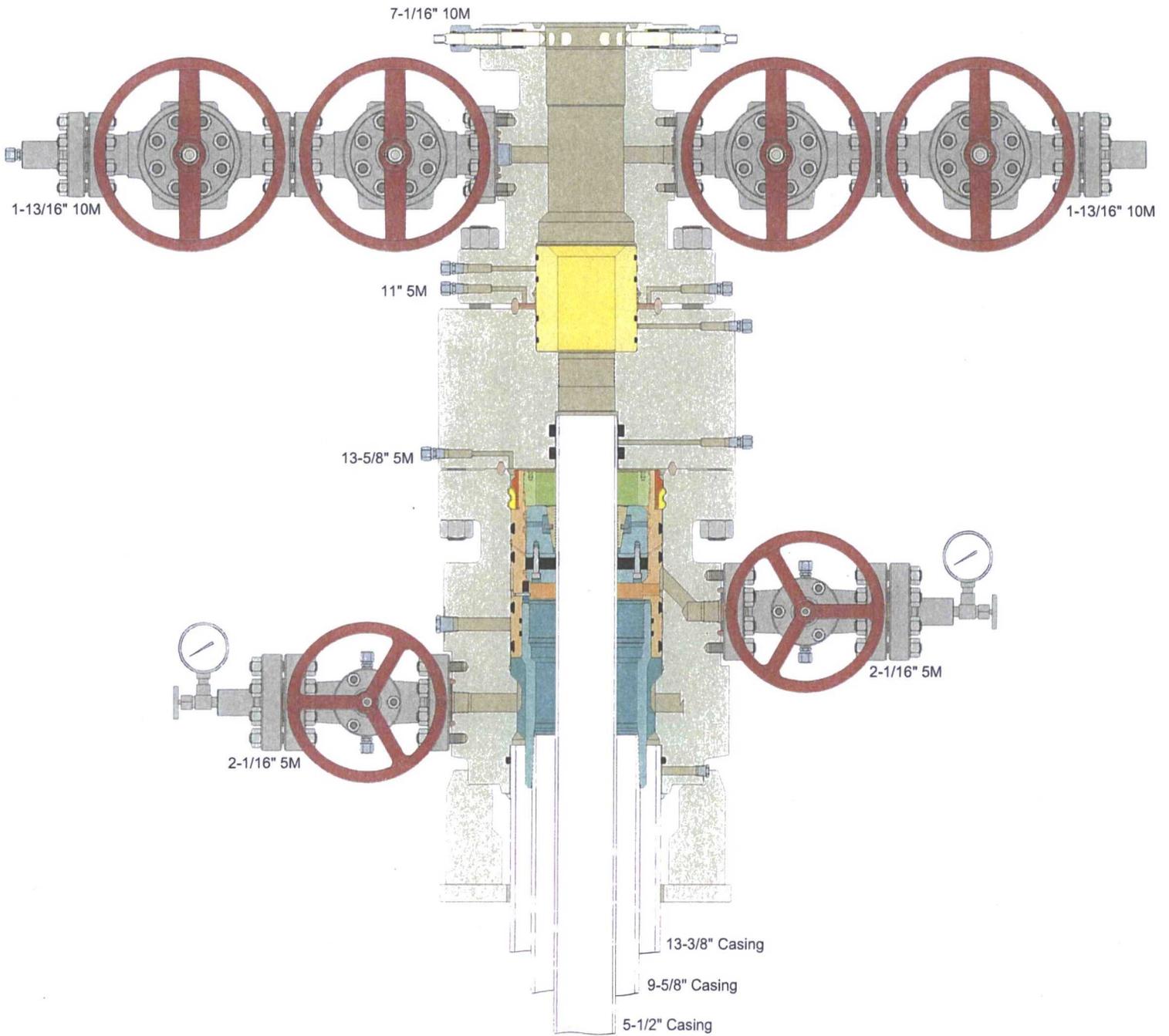
<b>Production Casing Burst Design</b>		
<b>Load Case</b>	<b>External Pressure</b>	<b>Internal Pressure</b>
Pressure Test	Formation Pore Pressure	Fluid in hole (water or produced water) + test psi
Tubing Leak	Formation Pore Pressure	Packer @ KOP, leak below surface 8.6 ppg packer fluid
Stimulation	Formation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

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

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

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





A multibowl wellhead may be used. The BOP will be tested per Onshore Order #2 after installation on the surface casing which will cover testing requirements for a maximum of 30 days. If any seal subject to test pressure is broken the system must be tested.

Devon proposes using a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be 3000 (3M) psi.

- Wellhead will be installed by wellhead representatives.
- If the welding is performed by a third party, the wellhead representative will monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
- Wellhead representative will install the test plug for the initial BOP test.
- Wellhead company will install a solid steel body pack-off to completely isolate the lower head after cementing intermediate casing. After installation of the pack-off, the pack-off and the lower flange will be tested to 3M, as shown on the attached schematic. Everything above the pack-off will not have been altered whatsoever from the initial nipple up. Therefore the BOP components will not be retested at that time.
- If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head will be cut and top out operations will be conducted.
- Devon will pressure test all seals above and below the mandrel (but still above the casing) to full working pressure rating.
- Devon will test the casing to 0.22 psi/ft or 1500 psi, whichever is greater, as per Onshore Order #2.

After running the 13-3/8" surface casing, a 13-5/8" BOP/BOPE system with a minimum rating of 3M will be installed on the wellhead system and will undergo a 250 psi low pressure test followed by a 3,000 psi high pressure test. The 3,000 psi high and 250 psi low test will cover testing requirements a maximum of 30 days, as per Onshore Order #2. If the well is not complete within 30 days of this BOP test, another full BOP test will be conducted, as per Onshore Order #2.

After running the 9-5/8" intermediate casing with a mandrel hanger, the 13-5/8" BOP/BOPE system with a minimum rating of 3M will already be installed on the wellhead.

The pipe rams will be operated and checked each 24 hour period and each time the drill pipe is out of the hole. These tests will be logged in the daily driller's log. A 2" kill line and 3" choke line will be incorporated into the drilling spool below the ram BOP. In addition to the rams and annular preventer, additional BOP accessories include a kelly cock, floor safety valve, choke lines, and choke manifold rated at 3,000 psi WP.

Devon's proposed wellhead manufactures will be FMC Technologies, Cactus Wellhead, or Cameron.