

OKLAHOMA CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
P.O. BOX 52000  
OKLAHOMA CITY, OK 73152-2000  
(Rule 165:10-3-1)

API NUMBER: 029 21379

Approval Date: 07/30/2018

Expiration Date: 01/30/2019

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 32 Twp: 3N Rge: 11E County: COAL

SPOT LOCATION: ☐ SW ☐ NE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 895 450

Lease Name: COSPER Well No: 0311 4H-29X Well will be 450 feet from nearest unit or lease boundary.

Operator Name: NEWFIELD EXPLORATION MID-CON INC

Telephone: 2816742521; 9188781

OTC/OCC Number: 20944 0

NEWFIELD EXPLORATION MID-CON INC  
24 WATERWAY AVE STE 900  
THE WOODLANDS, TX 77380-2764

STEVEN MARTINEZ  
51979 E. CR 1630  
ROFF OK 74865

Formation(s) (Permit Valid for Listed Formations Only):

	Name	Depth	Name	Depth
1	WOODFORD	8401	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 544703  
538130  
679984

Location Exception Orders: 679985

Increased Density Orders: 678802  
678803

Pending CD Numbers:

Special Orders:

Total Depth: 16144

Ground Elevation: 707

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 610

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: ON SITE

Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

F. Haul to Commercial soil farming facility: Sec. 22 Twn. 2N Rng. 9E Cnty. 29 Order No: 537817

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

PIT 3 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: OIL BASED

Chlorides Max: 300000 Average: 200000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 29 Twp 3N Rge 11E County COAL

Spot Location of End Point: NE NW NE SE

Feet From: SOUTH 1/4 Section Line: 2589

Feet From: EAST 1/4 Section Line: 880

Depth of Deviation: 7526

Radius of Turn: 477

Direction: 350

Total Length: 7869

Measured Total Depth: 16144

True Vertical Depth: 8500

End Point Location from Lease,

Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

7/20/2018 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

029 21379 COSPER 0311 4H-29X

Category	Description
HYDRAULIC FRACTURING	<p>7/20/2018 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;</p> <p>2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
INCREASED DENSITY - 678802	<p>7/27/2018 - G58 - 29-3N-11E X544703 WDFD 3 WELLS NEWFIELD EXPLORATION, MID-CONTINENT INC. 6/6/2018</p>
INCREASED DENSITY - 678803	<p>7/27/2018 - G58 - 32-3N-11E X538130 WDFD 3 WELLS NEWFIELD EXPLORATION 6/6/2018</p>
LOCATION EXCEPTION - 679985	<p>7/27/2018 - G58 - (I.O.) 29 &amp; 32-3N-11E X544703 WDFD 29-3N-11E X538130 WDFD 32-3N-11E COMPL. INT. (32-3N-11E) NCT 165' FSL, NCT 0' FNL, NCT 660' FWL COMPL. INT. (29-3N-11E) NCT 0' FSL, NCT 2640' FNL, NCT 660' FWL NEWFIELD EXPLORATION MID-CONTINENT INC. REC 3/27/2018 (DUNN)</p>
SPACING - 538130	<p>7/27/2018 - G58 - (640) 32-3N-11E EXT 496062 WDFD, OTHER</p>
SPACING - 544703	<p>7/27/2018 - G58 - (640) 29-3N-11E EXT 538130 WDFD, OTHER</p>
SPACING - 679984	<p>7/27/2018 - G58 - (I.O.) 29 &amp; 32-3N-11E EST MULTIUNIT HORIZONTAL WELL X544703 WDFD 29-3N-11E X538130 WDFD 32-3N-11E 34% 29-3N-11E 66% 32-3N-11E NEWFIELD EXPLORATION MID-CONTINENT INC. 7/5/2018</p>

# WELL LOCATION

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

**029-21379**

Lease Name: **COSPER 0311 4H 29X**

Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

Elevation Good Location?

Original Location: 895'FSL - 450'FEL 707' GROUND YES

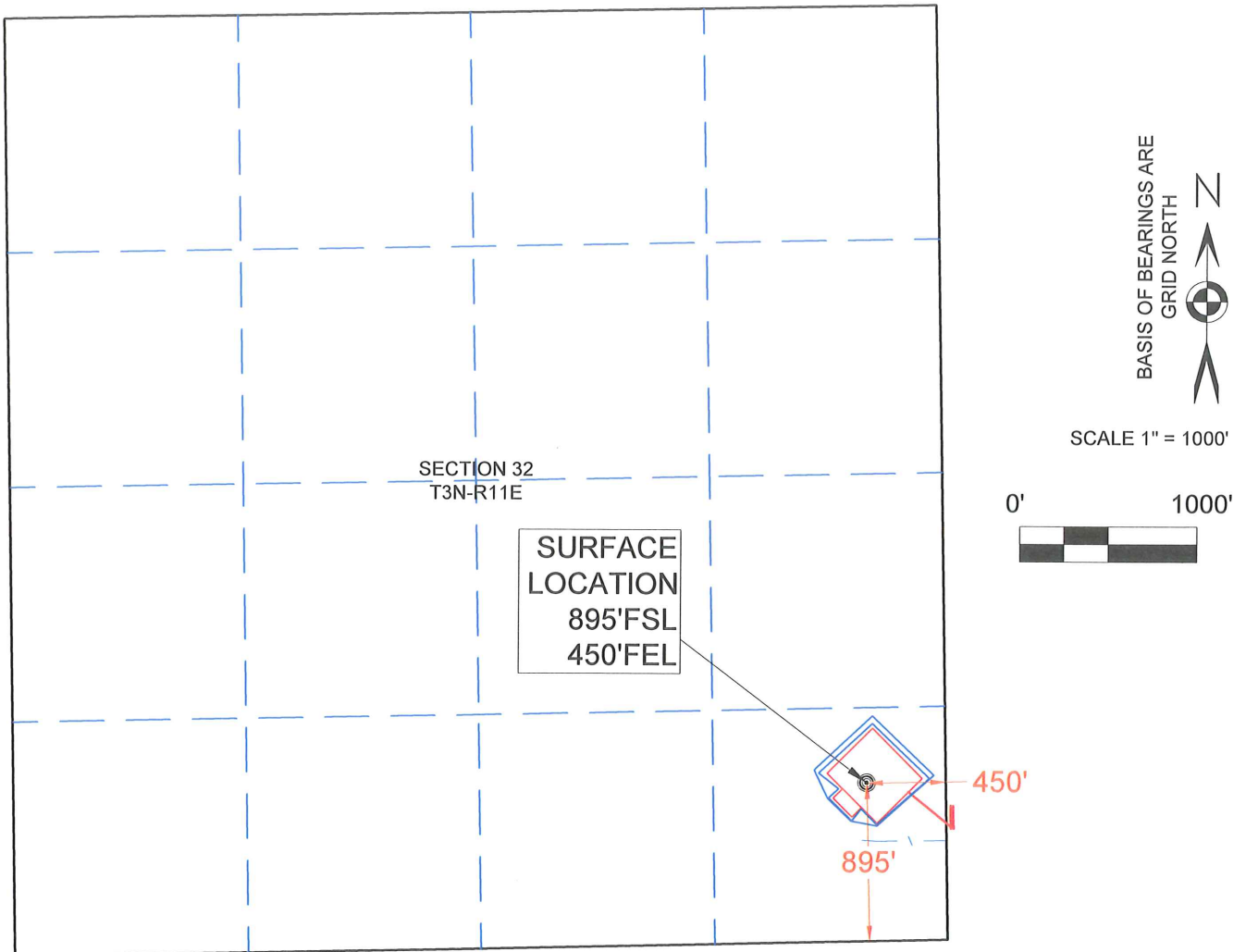
Topography: PASTURE AND SLOPED ROCKY BRUSH -  $\pm 327'$  NORTH OF PIPELINE

This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy.

Best Accessibility to Location: From the East

Distance & Direction From Nearest Town: 10.3 miles North of Coalgate

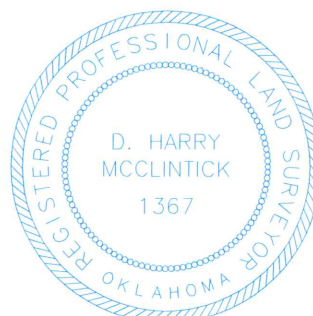
From the town of Coalgate and the intersection of State Highway No. 31 (State Highway No. 131) and U.S. Highway 75 (State Highway No. 3); Go Northeasterly 5.5 miles on S.H. No. 31 (S.H. No. 131); Then go North 6.7 miles on S.H. No. 31; Then go West 1.0 mile on County Road E1610; Then go North 0.1 mile existing lease road to proposed lease road in SECTION 32, T3N, R11E, I.B.M., Coal County, Oklahoma.



## CERTIFICATE:

I D. Harry McClintick a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

*D. Harry McClintick*  
D. Harry McClintick  
PLS. No.1367 CFEDS



SURVEY BY:	M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)
DRAWING BY:	Bennett-Morris And Associates Land Surveying, P.C.
© COPYRIGHT 2017	C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS
PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
17417	STAKING DATE: 10/16/2017
SHEET: 1 OF 10	DRAWING DATE: 02/14/2018

# LOCATION AND ELEVATION VERIFICATION MAP

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: COSPER 0311 4H 29X

Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

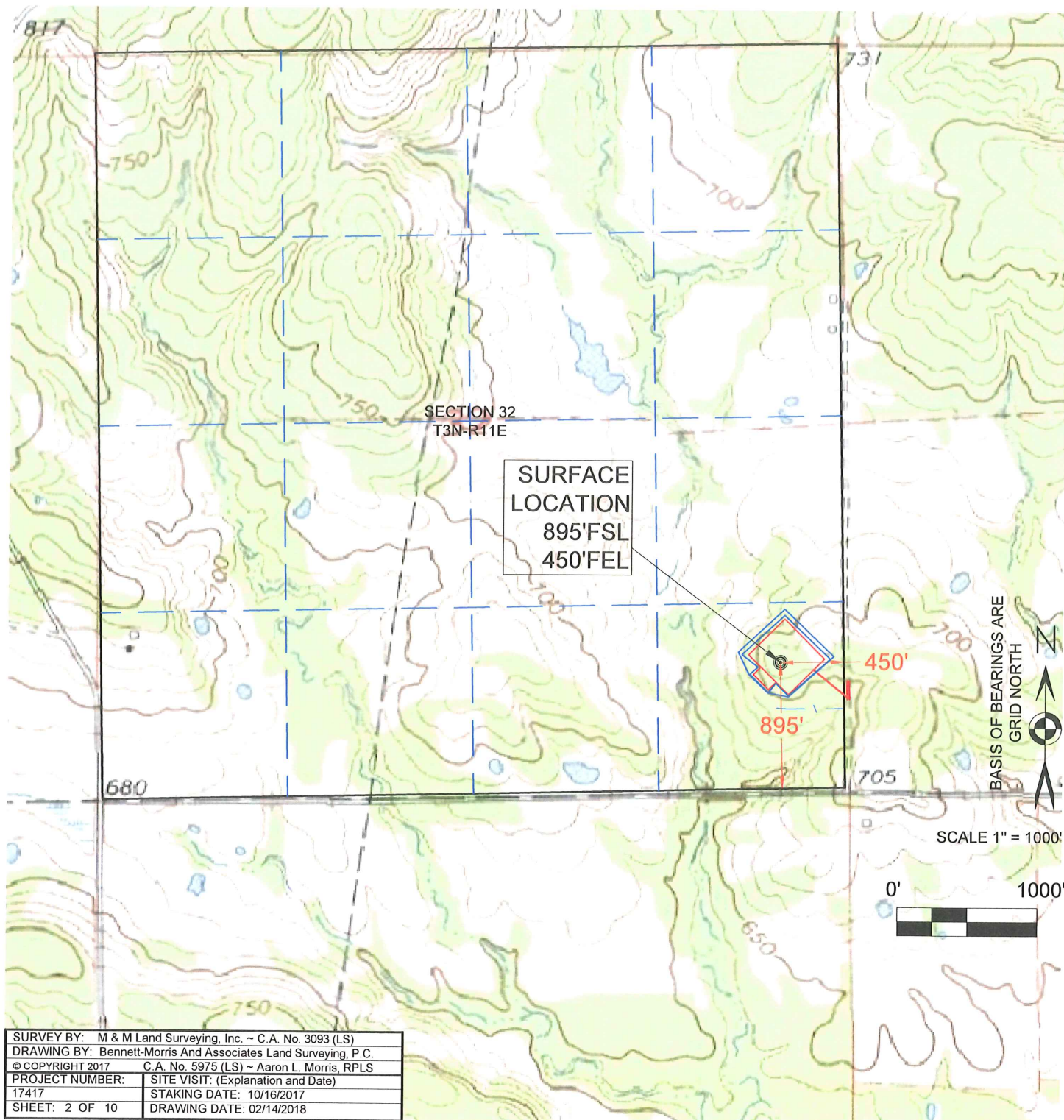
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Topography: PASTURE AND SLOPED ROCKY BRUSH -  $\pm 327'$  NORTH OF PIPELINE

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# FLOOD ELEVATION MAP

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
Fax (580) 226-7158  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: COSPER 0311 4H 29X

Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

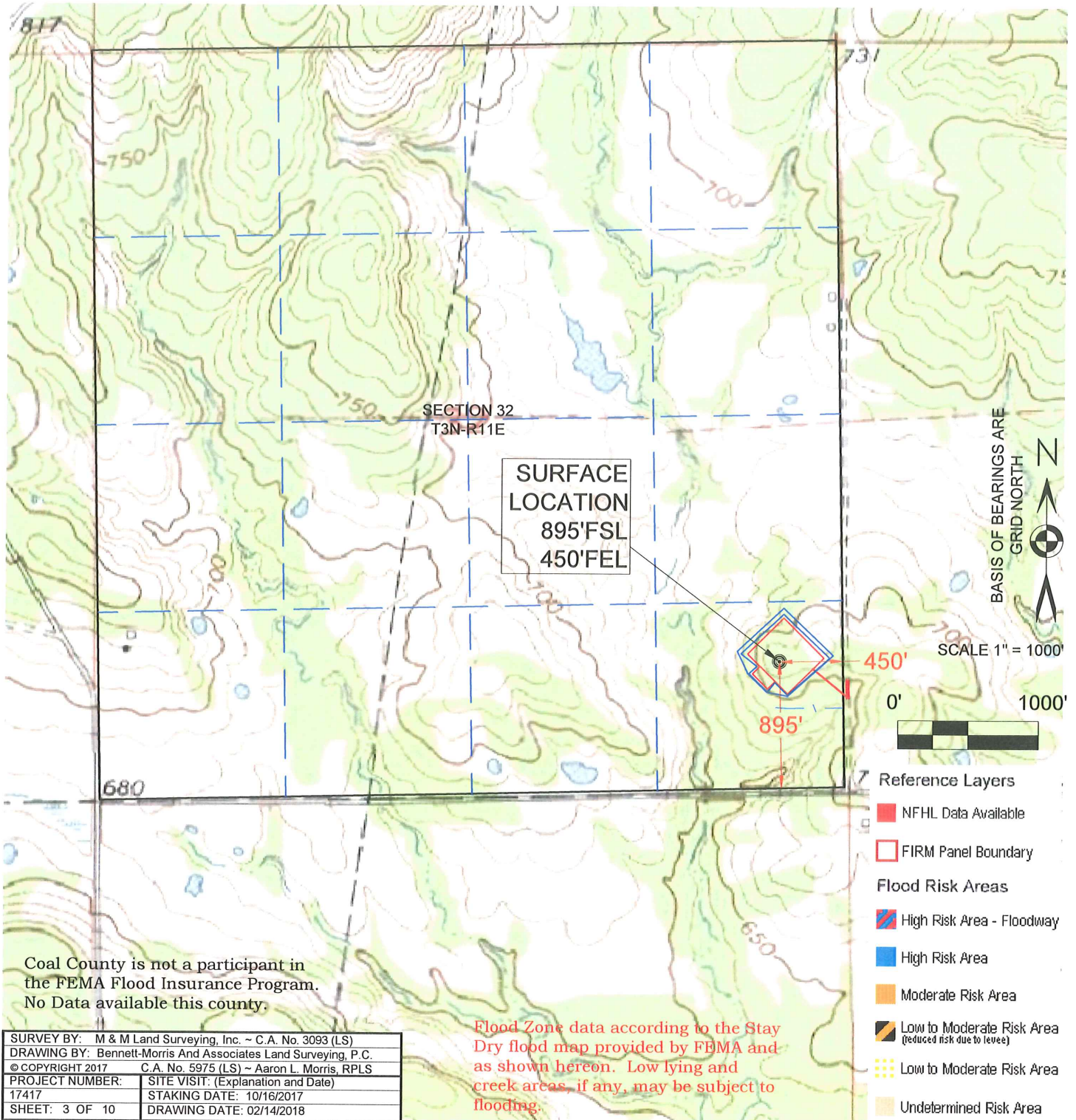
Original Location: 895'FSL - 450'FEL Elevation 707' GROUND Good Location? YES

Topography: PASTURE AND SLOPED ROCKY BRUSH - ±327' NORTH OF PIPELINE

Best Accessibility to Location: From the East

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# AERIAL PHOTO

M & M Land Surveying, Inc.  
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Ardmore, OK 73401

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Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

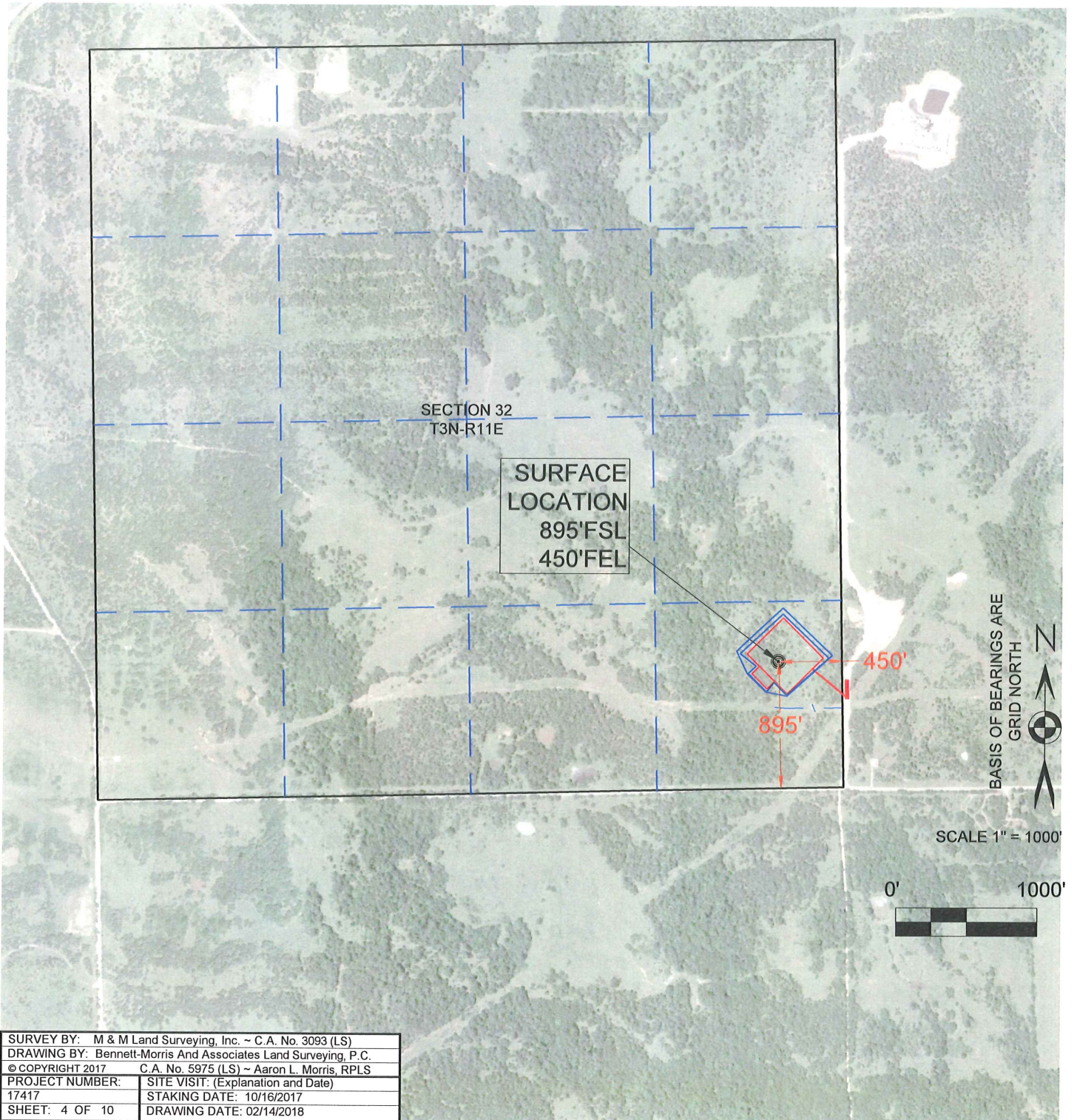
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# LEASE ROAD PLAT

M & M Land Surveying, Inc.  
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520 E Street N.W.  
Ardmore, OK 73401

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: COSPER 0311 4H 29X

Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

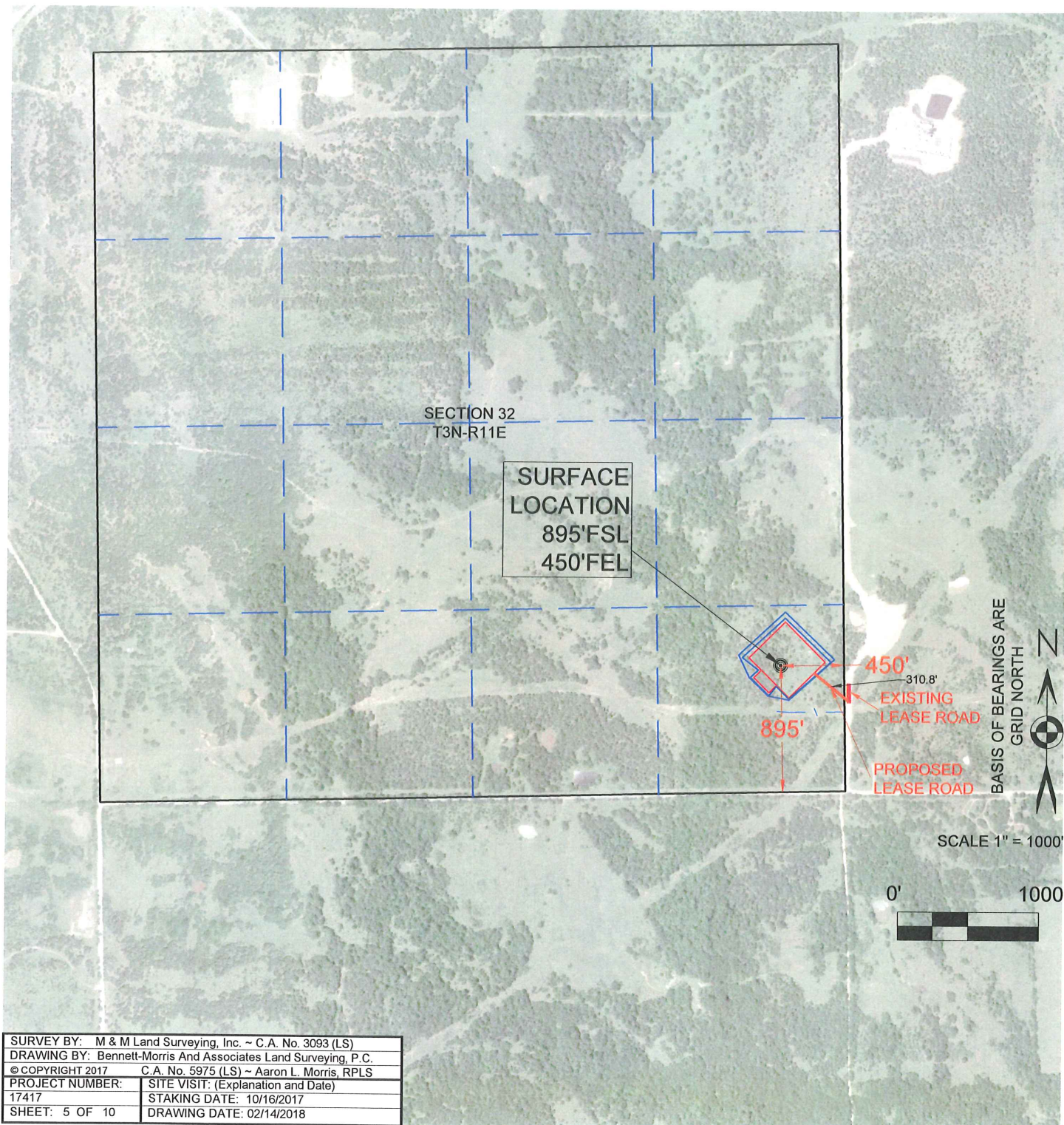
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# PERMIT PLAT

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

029-21379

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: COSPER 0311 4H 29X

Section 32 Township 3 N Range 11 E , I.B.M, County of Coal, State of Oklahoma

Elevation Good Location?

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## SURFACE LOCATION

DATUM: NAD27

LAT: 34° 40' 56.97"N

LONG: 96° 09' 49.40"W

LAT: 34.682493°N

LONG: 96.163721°W

STATE PLANE

COORDINATES: (US  
SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 495995.35

X (E): 2552031.43

DATUM: NAD83

LAT: 34° 40' 57.31"N

LONG: 96° 09' 50.39"W

LAT: 34.682586°N

LONG: 96.163998°W

STATE PLANE

COORDINATES: (US  
SURVEY FEET)

ZONE: SOUTH ZONE

Y (N): 496041.9

X (E): 2520434.81

DATA DERIVED FROM

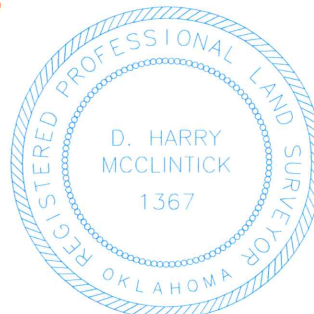
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DATA.

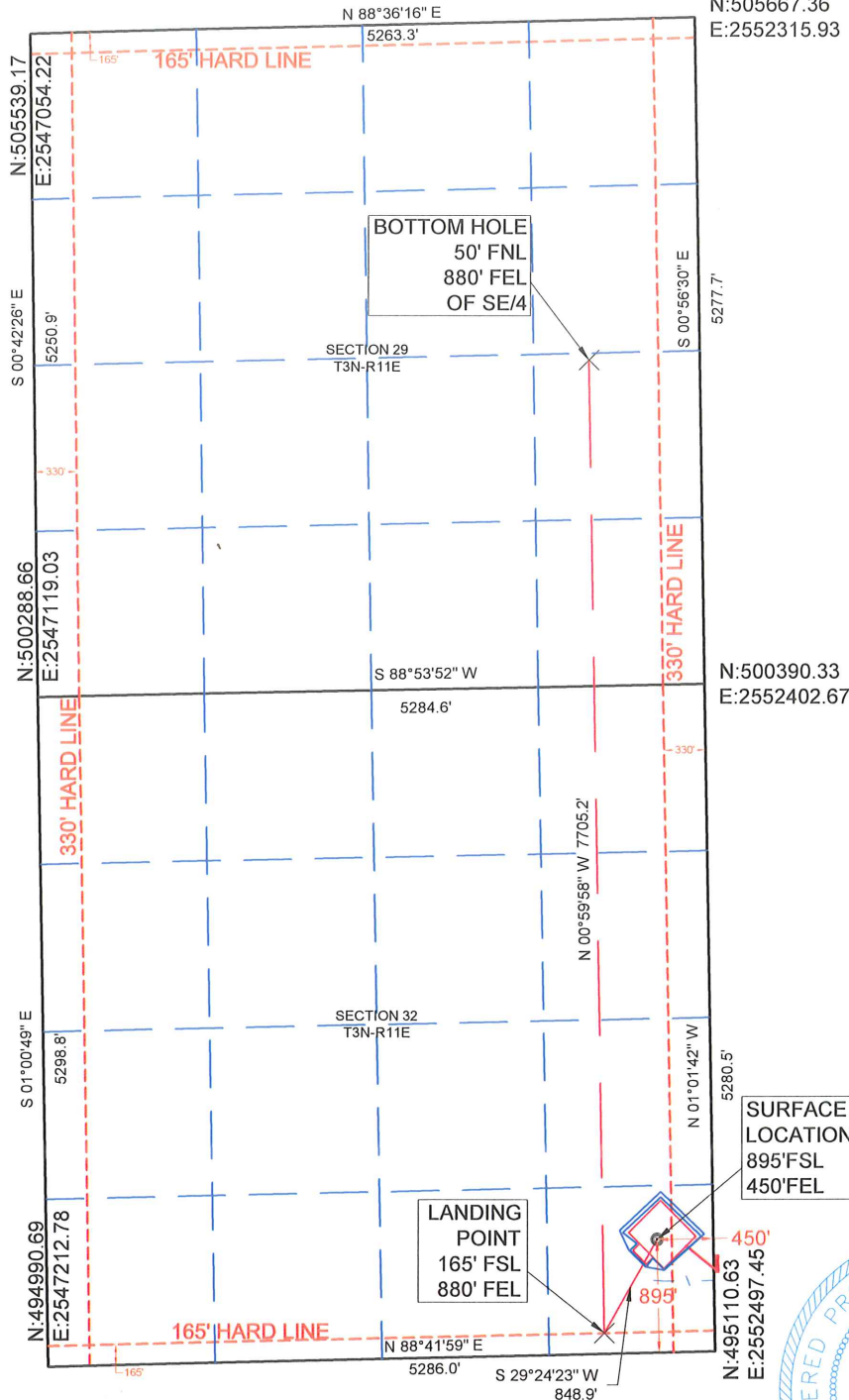
This location has been staked according to the best official survey records available to us. The metrical data shown hereon is for permitting the well location and the section location may or may not be field verified. Please review this plat and notify us immediately of any discrepancy.

## CERTIFICATE:

I D. Harry McClintick a Registered Land Surveyor in the State Of Oklahoma, do hereby certify that the above described Well Location was surveyed and staked on the ground as shown and that said plat meets or exceeds the Oklahoma Minimum Technical Standards for the practice of land surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.



*D. Harry McClintick*  
D. Harry McClintick  
PLS. No.1367 CFDS



SURVEY BY: M & M Land Surveying, Inc. - C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
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PROJECT NUMBER: 17417	SITE VISIT: (Explanation and Date)
	STAKING DATE: 10/16/2017
SHEET: 6 OF 10	DRAWING DATE: 02/14/2018

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.  
Lease Name: COSPER 0311 4H 29X

COORDINATES ARE AS SHOWN ARE  
DERIVED FROM OPUS SOLUTION.  
PROJECTION: OKLAHOMA SOUTH  
ZONE, LAMBERT CONFORMAL  
HORIZONTAL: NAD27  
VERTICAL: NAVD88  
GEOID MODEL: GEOID 99  
UNITS: US SURVEY FEET

THE METRICAL DATA SHOWN  
HEREON IS FOR PERMITTING THE  
WELL LOCATION AND THE SECTION  
LOCATION MAY OR MAY NOT BE  
FIELD VERIFIED.

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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
17417	STAKING DATE: 10/16/2017
SHEET: 7 OF 10	DRAWING DATE: 02/14/2018

[illegible]



## VICINITY MAP

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

WGS 84 LATITUDE AND LONGITUDE:

LAT: 34.682586°N

LONG: 96.163998°W

Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: COSPER 0311 4H 29X

Section 32 Township 3 N Range 11 E , I.B.M., County of Coal, State of Oklahoma

Elevation Good Location?

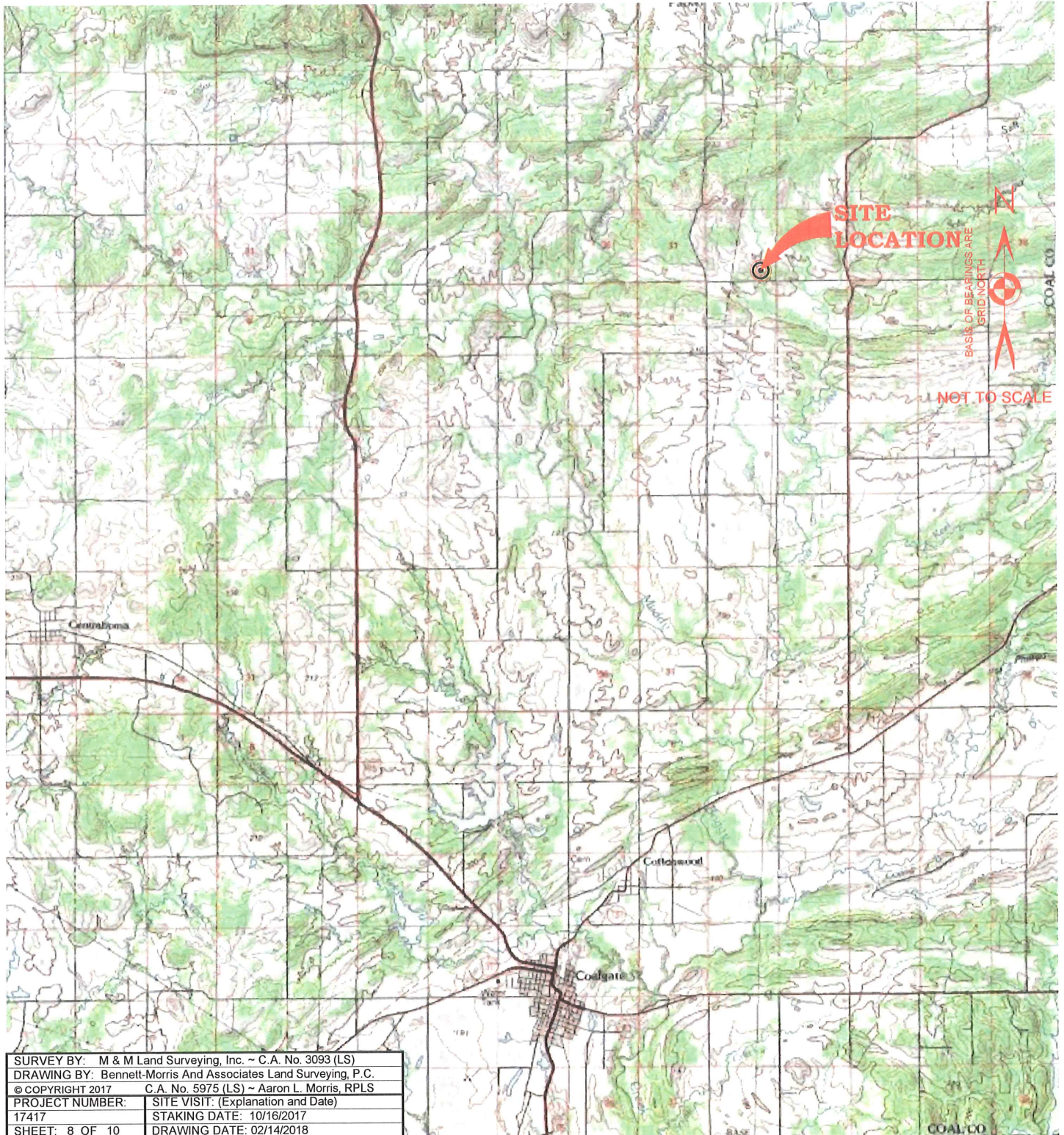
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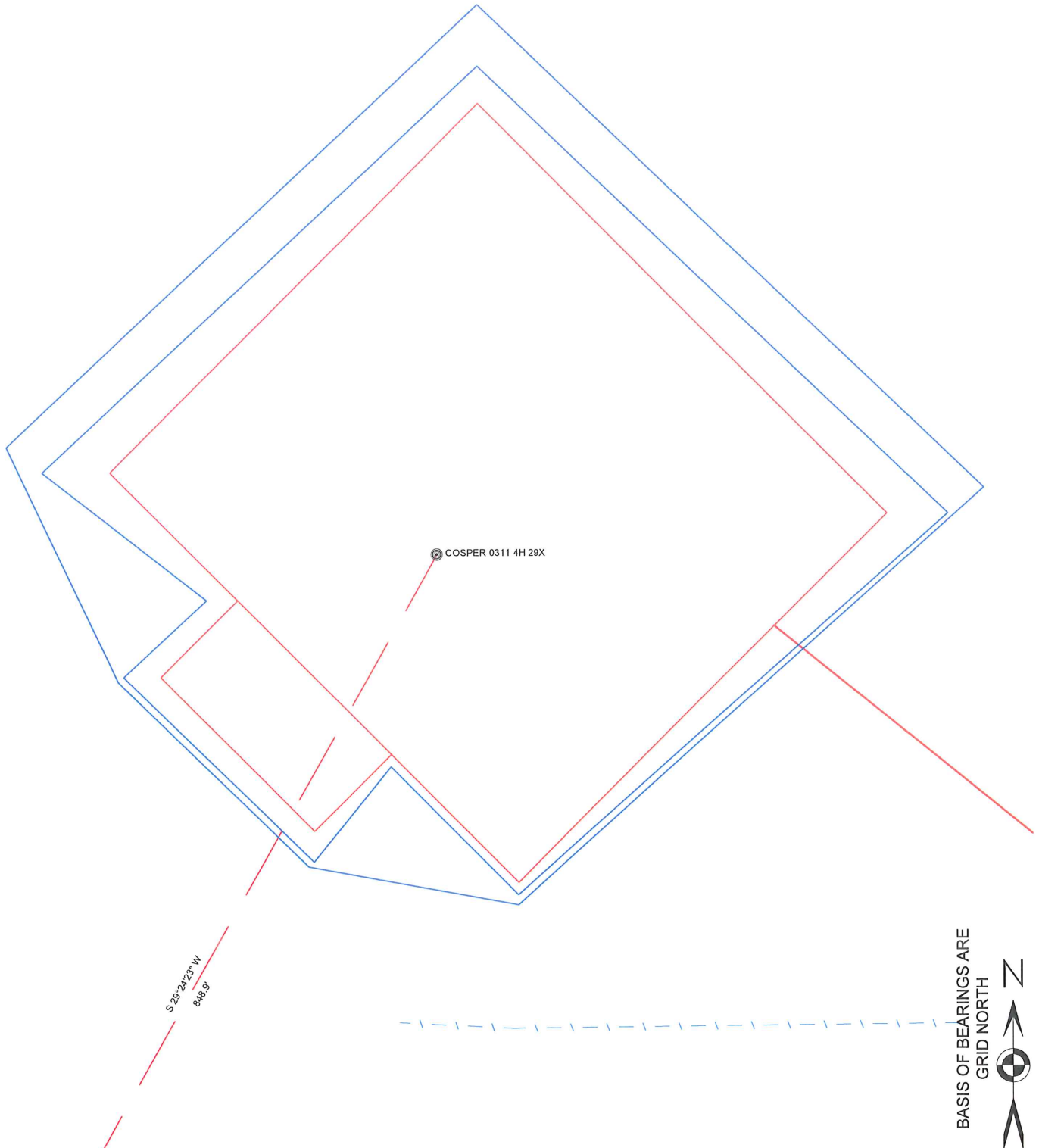




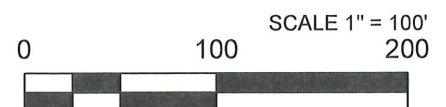
# WELL PAD INTERFERENCE PLAT

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.  
Lease Name: COSPER 0311 4H 29X  
Section 32 Township 2 N Range 11 E , I.B.M, County of Stephens, State of Oklahoma



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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
17417	STAKING DATE: 10/16/2017
SHEET: 9 OF 10	DRAWING DATE: 02/14/2018

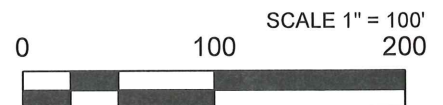
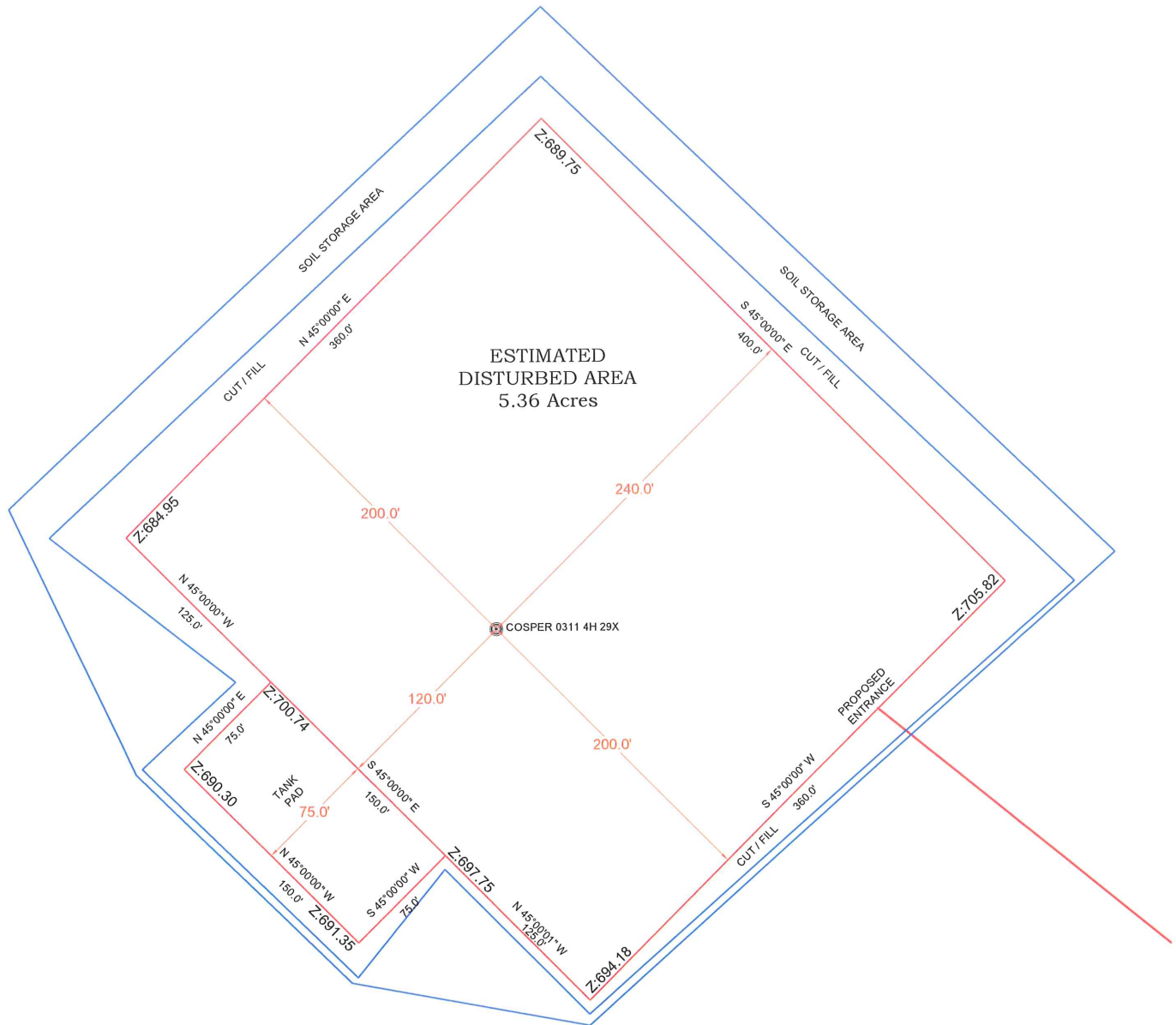




# WELL PAD DISTURBANCE BOUNDARY

M & M Land Surveying, Inc.  
Phone (580) 226-0446  
520 E Street N.W.  
Ardmore, OK 73401

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC.  
Lease Name: COSPER 0311 4H 29X  
Section 32 Township 2 N Range 11 E , I.B.M, County of Stephens, State of Oklahoma



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