

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

API NUMBER: 049 25096

Approval Date: 12/14/2016
Expiration Date: 06/14/2017

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 26 Twp: 3N Rge: 4W County: GARVIN
SPOT LOCATION: SW SE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 305 365

Lease Name: TINA Well No: 8H-26 Well will be 305 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 77380-3197

DANNITA DARLENE MCCULLOUGH
15081 N. CR. 3020
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 SYCAMORE	12507	6	
2 WOODFORD	12667	7	
3		8	
4		9	
5		10	

Spacing Orders: 360755

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201605456
201605470

Special Orders:

Total Depth: 18352

Ground Elevation: 1099

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 420

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

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: BISON

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

F. Haul to Commercial soil farming facility: Sec. 6 Twn. 2N Rng. 4W Cnty. 137 Order No: 617361

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: 5000 Average: 3000

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: BISON

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: BISON

HORIZONTAL HOLE 1

Sec 26 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 350

Depth of Deviation: 12465

Radius of Turn: 525

Direction: 359

Total Length: 5063

Measured Total Depth: 18352

True Vertical Depth: 12917

End Point Location from Lease,
Unit, or Property Line: 50

Additional Surface Owner	Address	City, State, Zip
JERRY TODD MCCULLOUGH	15081 N. CR 3020	LINDSAY, OK 73052
CODY FRANK FOSTER	15081 N. CR 3020	LINDSAY, OK 73052
AMBER LORELLE FOSTER	15081 N. CR 3020	LINDSAY, OK 73052

Notes:

Category	Description
DEEP SURFACE CASING	12/1/2016 - 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.
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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.

Category	Description
HYDRAULIC FRACTURING	12/1/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK HTTP://FRACFOCUS.ORG/ WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.
MEMO	12/1/2016 - G71 - PITS 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED, AND BURIED ON SITE; PIT 3 - OBM TO VENDOR
PENDING CD - 201605456	12/2/2016 - G60 - 26-3N-4W X360755 WDFD 7 WELLS NEWFIELD EXPLORATION MID-CONTINENT INC. REC. 12/6/16 (JOHNSON)
PENDING CD - 201605470	12/2/2016 - G60 - (I.O.) 26-3N-4W X360755 SCMR, WDFD SHL SE4 26-3N-4W COMPL. INT. (26-3N-4W) NCT 165' FSL, NCT 0' FNL, NCT 1020' FWL NEWFIELD EXPLORATION MID-CONTINENT INC. REC. 12/13/16 (MCKEOWN)
SPACING - 360755	12/2/2016 - G60 - (640) 26-3N-4W EST SCMR, WDFD EXT OTHER

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3504925096

WELL LOCATION

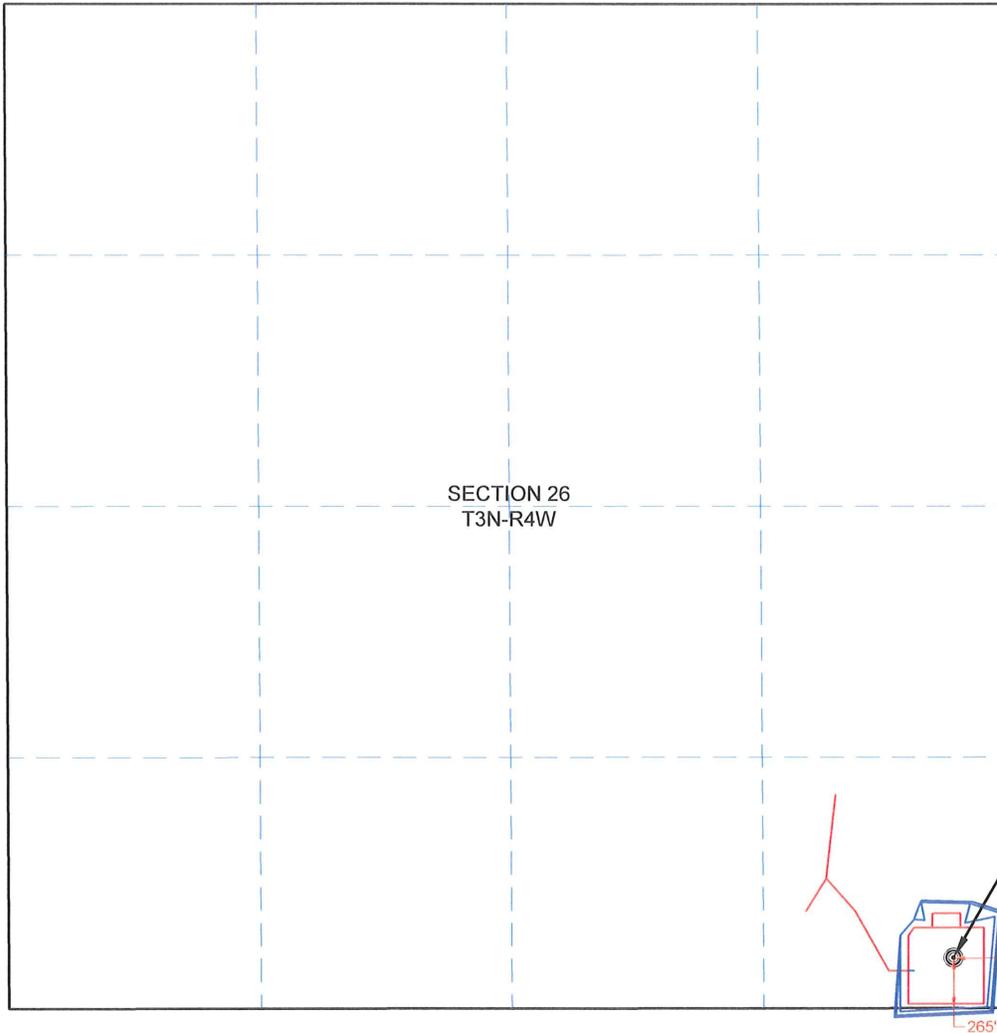
M & M Land Surveying, Inc.
Phone (580) 226-0446
520 E Street N.W.
Ardmore, OK 73401

Company Name: NEWFIELD EXPLORATION MID-CONTINENT INC. Lease Name: TINA #8H-26
Section 26 Township 3 N Range 4 W , I.B.M, County of Garvin, State of Oklahoma
Elevation Good Location?
Original Location: 265'FSL - 325'FEL 1099' GROUND YES

Topography: THICK BRUSH, ~200' SE OF DRAIN, LOCATION IS 40' EAST OF TINA #7H-23X.

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 West off of Road N3050
Distance & Direction From Nearest Town: 9.6 miles SSE of Lindsay
From the town of Lindsay and the intersection of S. Main Street and E. Chickasaw Street; Go East 0.2 miles on E. Chickasaw Street; Then go South 9.9 miles on S.H. 76 S.; Then go East by Northeast 1.0 miles on Road N3050; Then go 0.35 miles Southeast on Lease Road to Location in SECTION 26, T3N, R4W, I.B.M., Garvin County, Oklahoma.



SURFACE LOCATION
265'FSL
325'FEL



SCALE 1" = 1000'



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
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.	
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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
16508	STAKING DATE: 10/27/2016
SHEET: 1 OF 10	DRAWING DATE: 01/05/2017

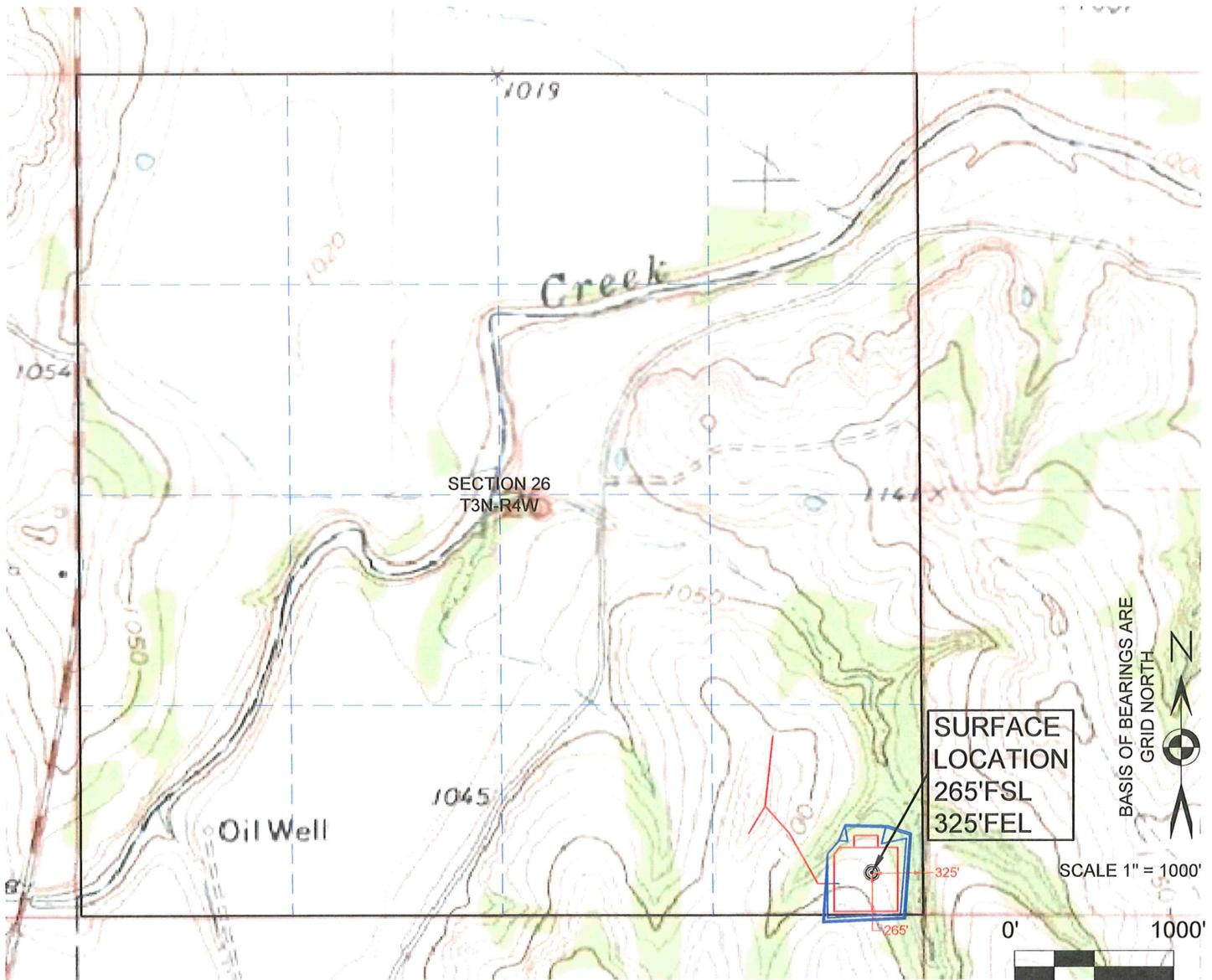
LOCATION AND ELEVATION VERIFICATION MAP

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

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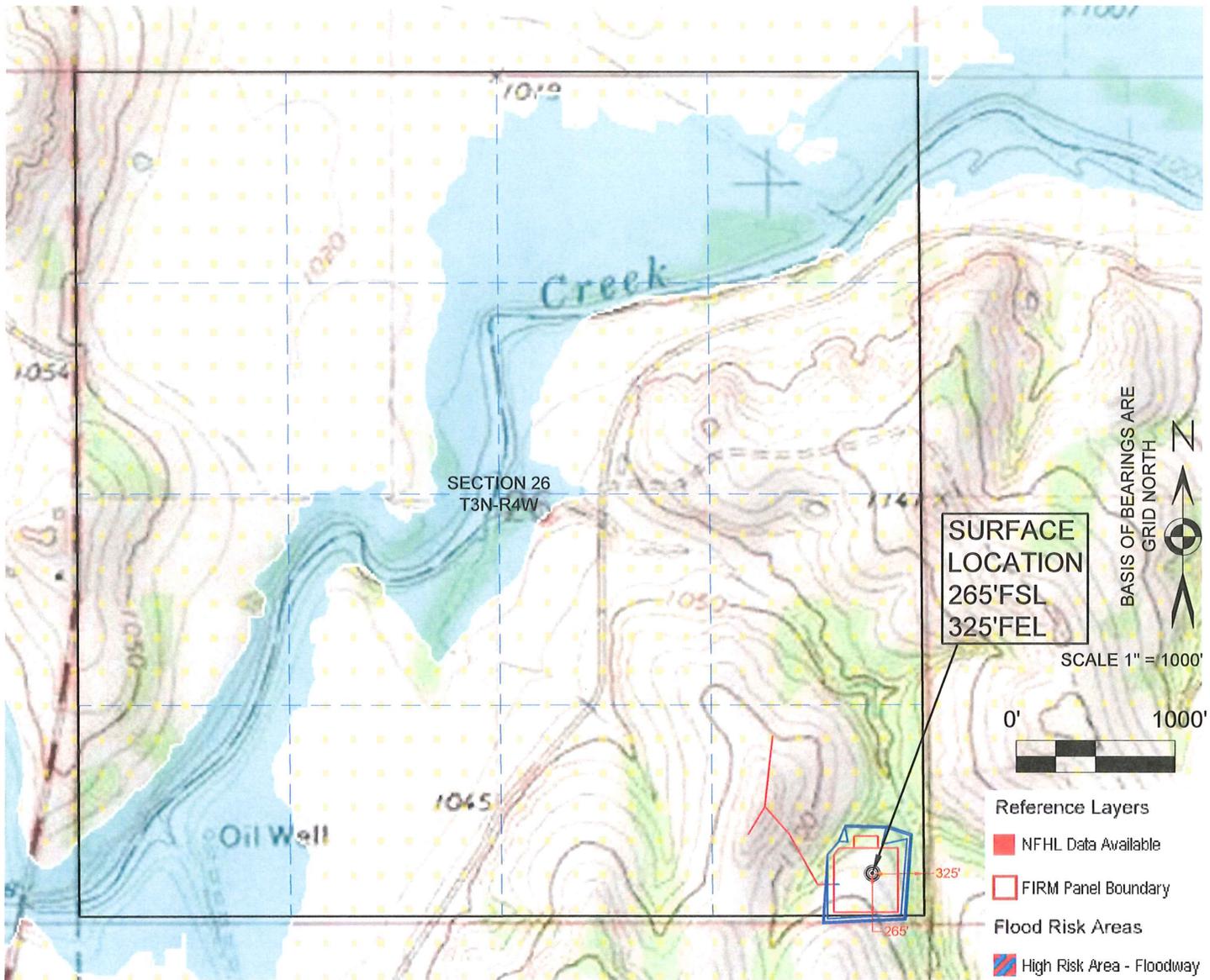
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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
16508	STAKING DATE: 10/27/2016
SHEET: 2 OF 10	DRAWING DATE: 01/05/2017

FLOOD ELEVATION MAP

M & M Land Surveying, Inc.
 Phone (580) 226-0446
 Fax (580) 226-7158
 520 E Street N.W.
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PROJECT NUMBER: 16508	SITE VISIT: (Explanation and Date)
SHEET: 3 OF 10	STAKING DATE: 10/27/2016
	DRAWING DATE: 01/05/2017

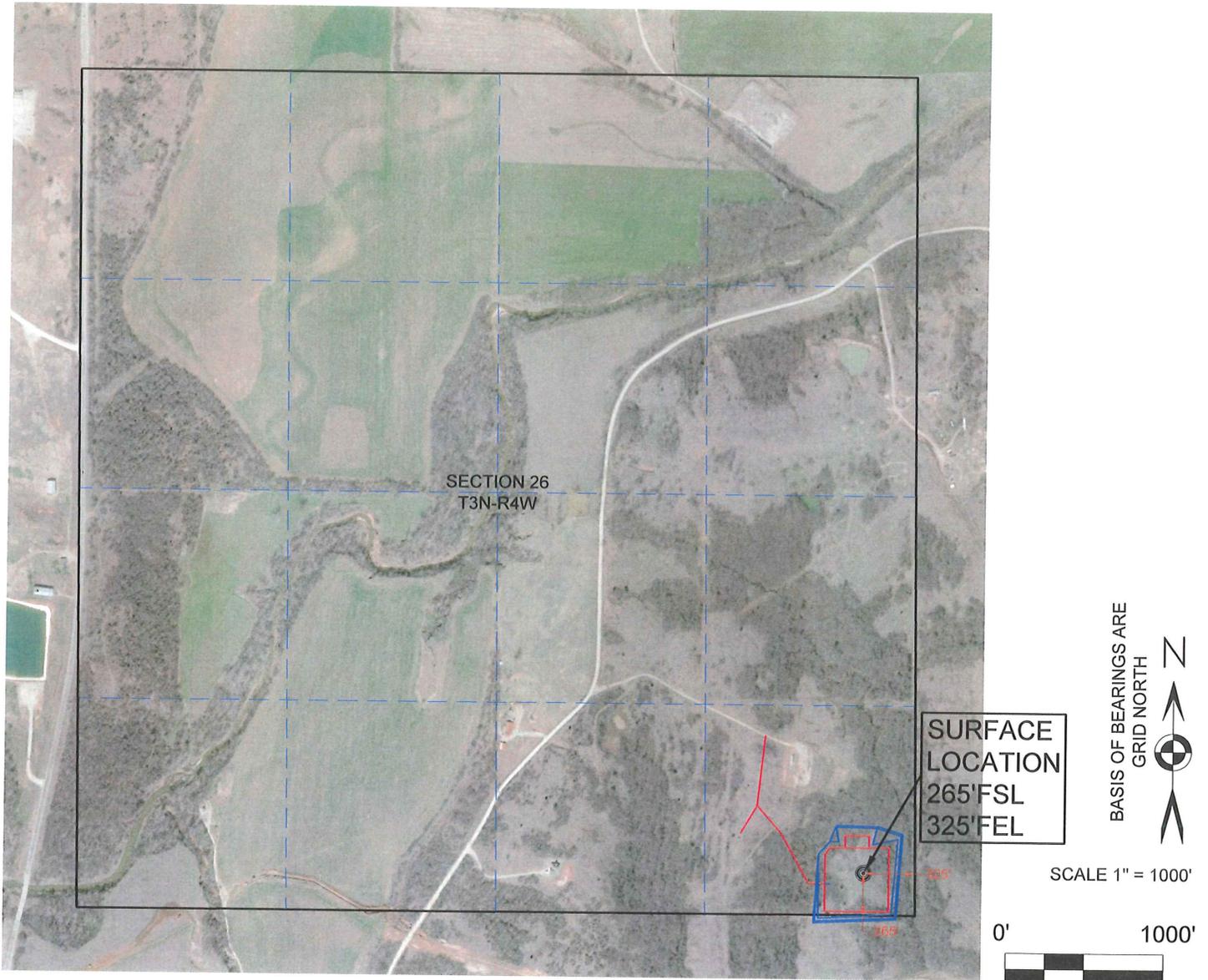
Flood Zone data according to the Stay Dry flood map provided by FEMA and as shown hereon. Low lying and creek areas, if any, may be subject to flooding.

AERIAL PHOTO

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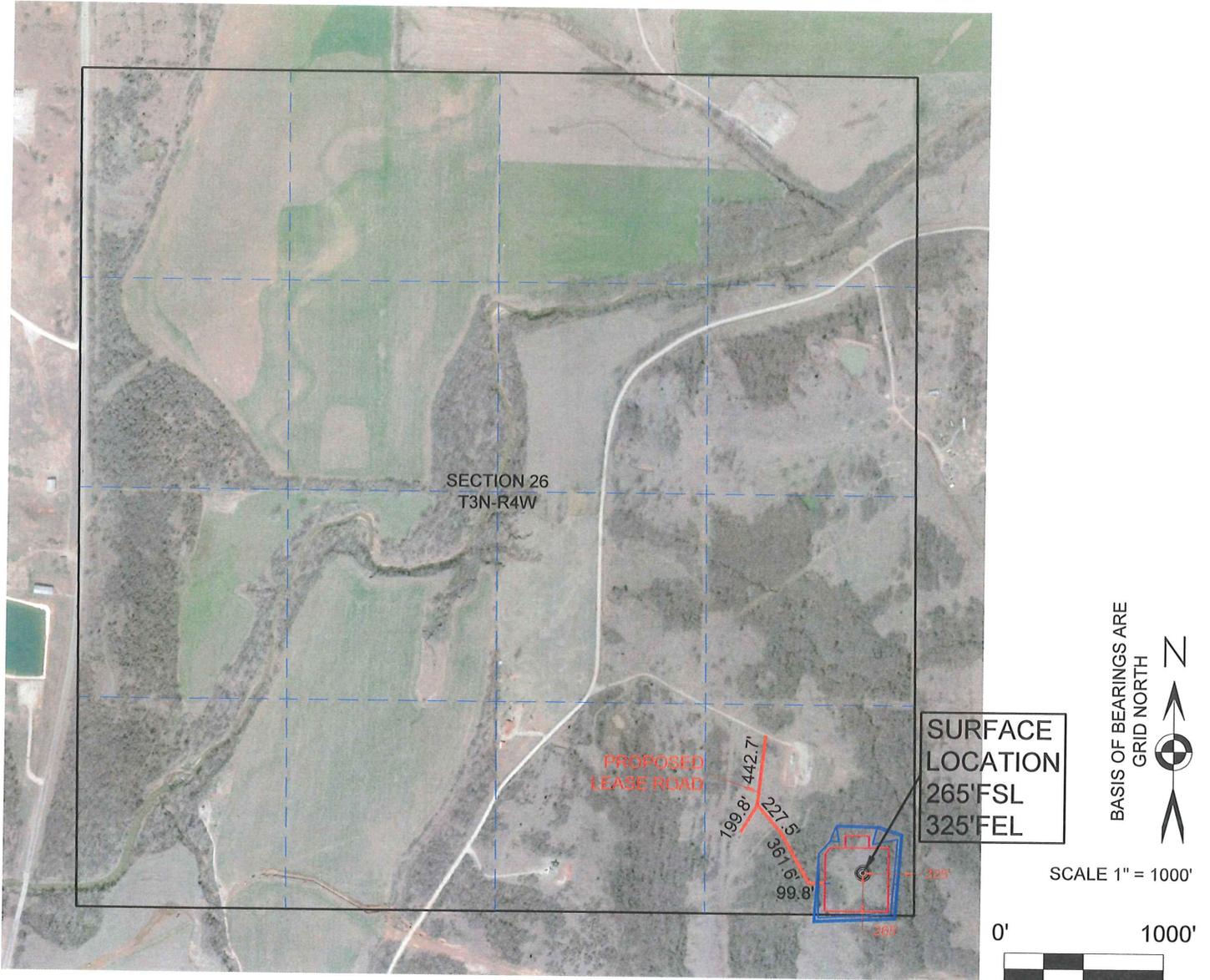
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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
16508	STAKING DATE: 10/27/2016
SHEET: 4 OF 10	DRAWING DATE: 01/05/2017

LEASE ROAD PLAT

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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
16508	STAKING DATE: 10/27/2016
SHEET: 5 OF 10	DRAWING DATE: 01/05/2017

COORDINATE REPORT

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: **TINA #8H-26**

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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DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
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PROJECT NUMBER: 16508	SITE VISIT: (Explanation and Date) STAKING DATE: 10/27/2016
SHEET: 7 OF 10	DRAWING DATE: 01/05/2017

Descriptor	Northing (NAD83 US Survey Feet)	Easting (NAD83 US Survey Feet)	Latitude DMS (NAD83)	Longitude DMS (NAD83)	Latitude DD (NAD83)	Longitude DD (NAD83)	Northing Meters (NAD83 UTM)	Easting Meters (NAD83 UTM)
TINA 8H-26	496333.9184	2094290.913	34° 41' 47.27" N	97° 34' 53.44" W	34.696464° N	97.581511° W	3840290.913	2094290.913
TINA 8H-26 LANDING POINT	496233.9232	2094266.742	34° 41' 46.28" N	97° 34' 53.73" W	34.696190° N	97.581593° W	3840266.742	2094266.742
TINA 8H-26 LAST TAKE POINT	501182.2304	2094223.771	34° 42' 35.23" N	97° 34' 54.00" W	34.709787° N	97.581667° W	3841775.884	2094223.771
TINA 8H-26 BOTTOM HOLE	501297.226	2094222.772	34° 42' 36.37" N	97° 34' 54.01" W	34.710103° N	97.581669° W	3841810.875	2094222.772
	501139.98	2125819.19	34° 42' 34.95" N	97° 34' 52.90" W	34.709710° N	97.581360° W	3841570.995	2125819.19
	501139.98	2125862.14	34° 41' 46.00" N	97° 34' 52.63" W	34.696112° N	97.581285° W	3840063.147	2125862.14
	496291.66	2125886.31	34° 41' 46.99" N	97° 34' 52.33" W	34.696387° N	97.581204° W	3840093.694	2125886.31
	496291.66	2125886.31	34° 41' 46.99" N	97° 34' 52.33" W	34.696387° N	97.581204° W	3840093.694	2125886.31

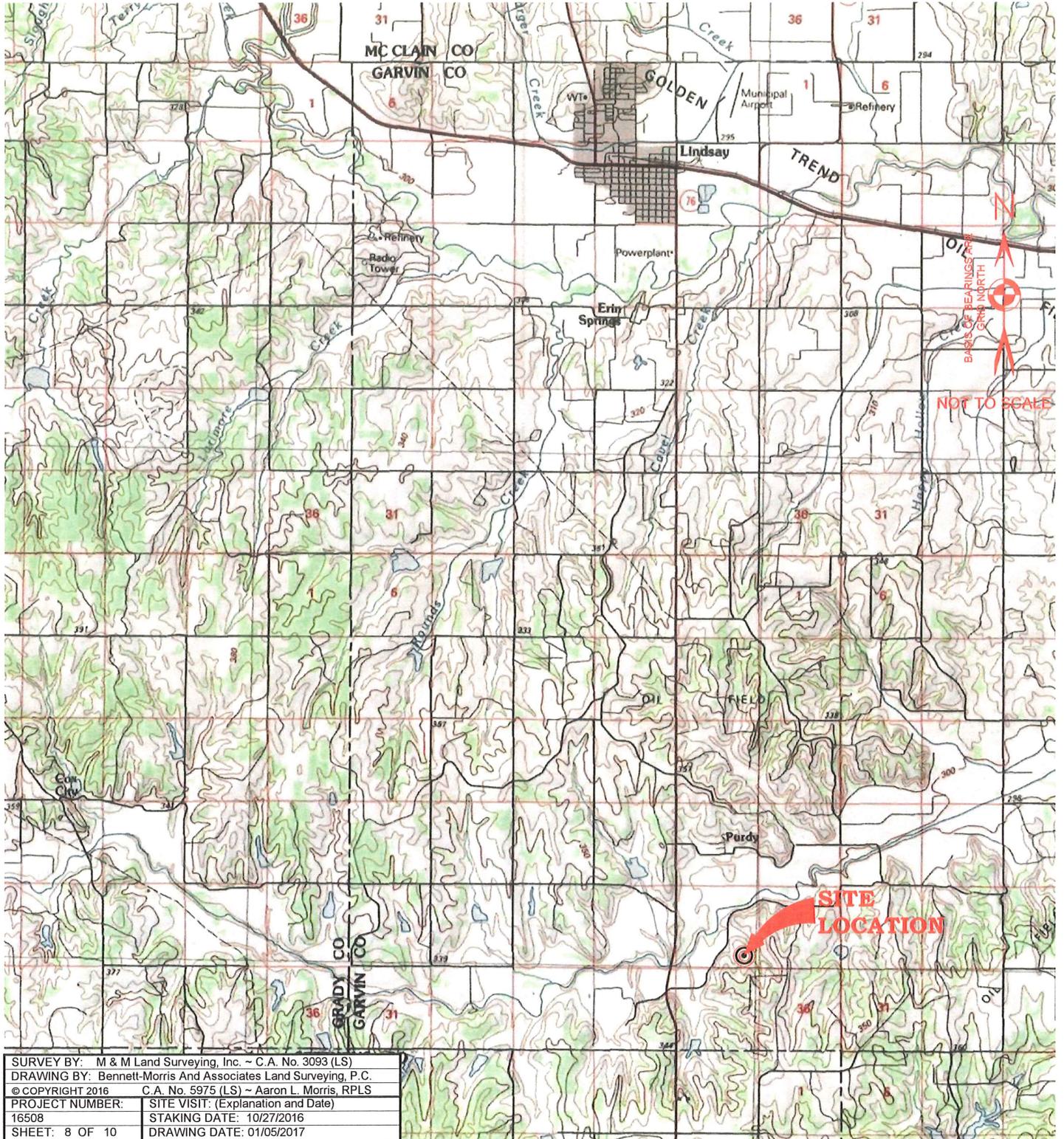
VICINITY MAP

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Phone (580) 226-0446
520 E Street N.W.
Ardmore, OK 73401

WGS 84 LATITUDE AND LONGITUDE:
LAT: 34.696464°N
LONG: 97.581511°W

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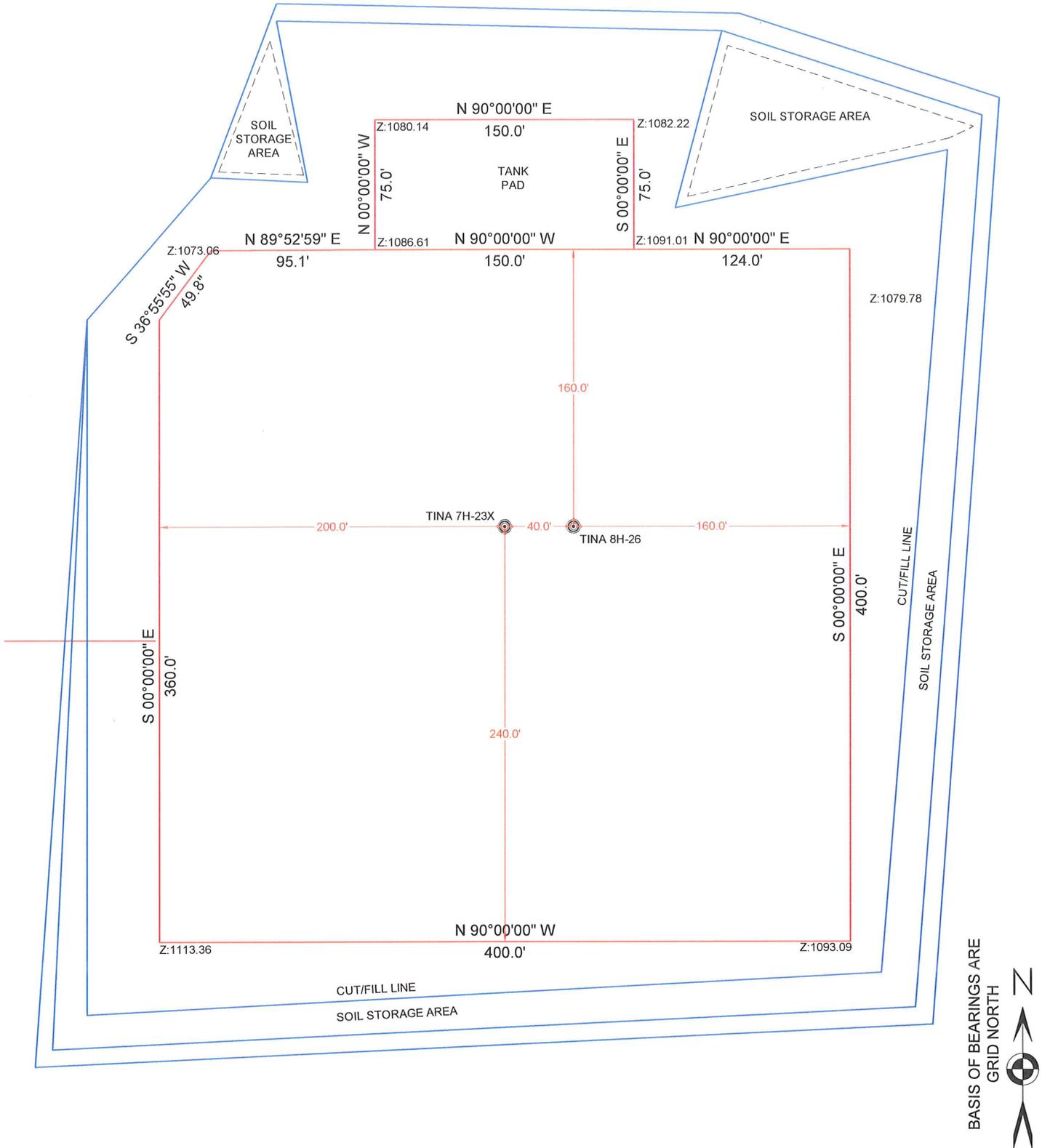


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	STAKING DATE: 10/27/2016
SHEET: 8 OF 10	DRAWING DATE: 01/05/2017

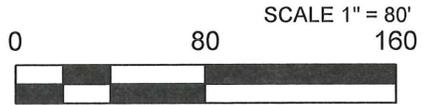
WELL PAD DISTURBANCE BOUNDARY

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

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 Section 26 Township 3 N Range 4 W , I.B.M, County of Garvin, State of Oklahoma



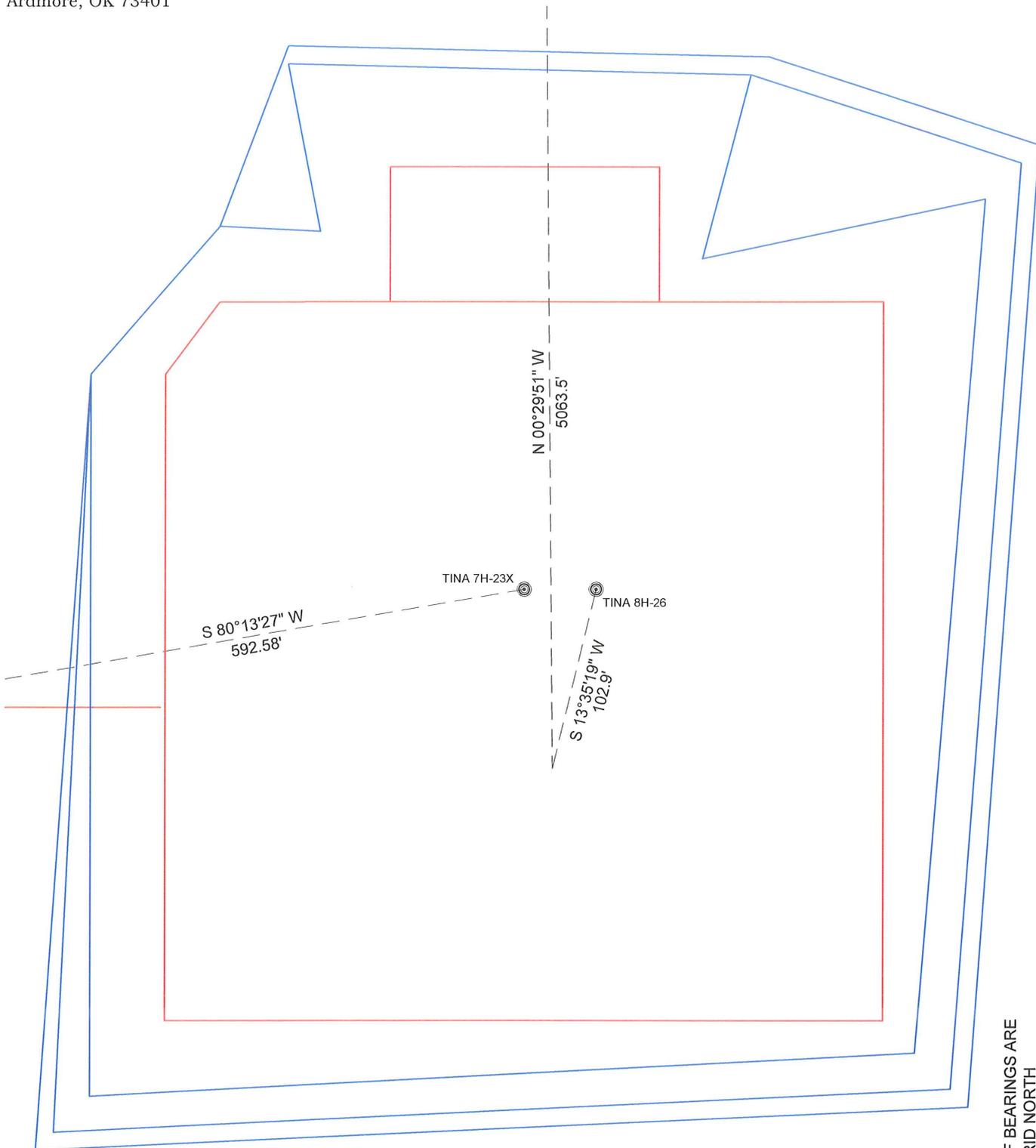
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PROJECT NUMBER: 16508	SITE VISIT: (Explanation and Date)
	STAKING DATE: 10/27/2016
SHEET: 10 OF 10	DRAWING DATE: 01/05/2017



WELL PAD INTERFERENCE PLAT

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

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 Section 26 Township 3 N Range 4 W , I.B.M, County of Garvin, State of Oklahoma



BASIS OF BEARINGS ARE
 GRID NORTH

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PROJECT NUMBER: 16508	SITE VISIT: (Explanation and Date)
SHEET: 9 OF 10	STAKING DATE: 10/27/2016
	DRAWING DATE: 01/05/2017

