

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

API NUMBER: 043 23688

Approval Date: 01/30/2019

Expiration Date: 07/30/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 19N Rge: 15W

County: DEWEY

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 370 1825

Lease Name: LINDA SUE 1915

Well No: 1H-13

Well will be 370 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

LEONARD WALTERS  
65072 N. 2400 RD  
CANTON OK 73724

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (LESS CHESTER)	9391	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201809838  
201809840  
201809843

Special Orders:

Total Depth: 14638

Ground Elevation: 1702

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 250

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 8000 Average: 5000

E. Haul to Commercial pit facility: Sec. 31 Twn. 12N Rng. 8W Cnty. 17 Order No: 587498

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

H. SEE MEMO

Within 1 mile of municipal water well? N

Wellhead Protection Area? N

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

HORIZONTAL HOLE 1

Sec 13 Twp 19N Rge 15W County DEWEY

Spot Location of End Point: SE SE SW SW

Feet From: SOUTH 1/4 Section Line: 85

Feet From: WEST 1/4 Section Line: 1100

Depth of Deviation: 8760

Radius of Turn: 545

Direction: 185

Total Length: 5022

Measured Total Depth: 14638

True Vertical Depth: 9520

End Point Location from Lease,  
Unit, or Property Line: 85

Additional Surface Owner	Address	City, State, Zip
JOHNNY WALTERS	430 TIPPEN PLACE	CASTLE ROCK, CO 80104
DONNA CHARBONEAU	225820 E. 610 RD	SEILING, OK 73663
ALVERN WALTERS	225820 E. 610 RD	SEILING, OK 73663
GEORGE WALTERS	19611 PINEY PLACE COURT	HOUSTON, TX 77380

Notes:

Category

Description

HYDRAULIC FRACTURING

12/29/2018 - G71 - OCC 165:10-3-10 REQUIRES:

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;

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: [OCCEWEB.COM/OG/OGFORMS.HTML](http://OCCEWEB.COM/OG/OGFORMS.HTML); AND,

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: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

INTERMEDIATE CASING

12/29/2018 - G71 - DUE TO THE KNOWN POTENTIAL RISK OF ENCOUNTERING AN OVER-PRESSURED ZONE IN THE MORROW SERIES IN THIS AREA, THE TECHNICAL MANAGER RECOMMENDS SETTING AN INTERMEDIATE STRING OF CASING IMMEDIATELY ABOVE THE MORROW SERIES

MEMO

12/29/2018 - G71 - PIT 1 & 2 - CLOSED SYSTEM = STEEL PITS PER OPERATOR REQUEST, WBM/CUTTINGS & OBM CUTTINGS CAPTURED IN STEEL HALF PITS & TRANSFERRED TO R360 587498 (31-12N-8W), CANADIAN CO; PIT 3 - OBM TO VENDOR

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

043 23688 LINDA SUE 1915 1H-13

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.

Category	Description
PENDING CD - 201809838	1/29/2019 - GB1 - (640)(HOR) 13-19N-15W EXT 677925 MSNLC POE TO BHL NCT 660' FB (COEXIST WITH SP. #111990 MPLM) REC. 1/11/2019 (JACKSON)
PENDING CD - 201809840	1/29/2019 - GB1 - (I.O.) 13-19N-15W X201809838 MSNLC COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 990' FWL NO OP. NAMED REC. 1/11/2019 (JACKSON)
PENDING CD - 201809843	1/30/2019 - G56 - (I.O.) 13-19N-15W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO THE MARIE 1H-13 AND WALTERS 1-13 WELLS NEWFIELD EXPLORATION MID-CON INC. REC 1/11/2018 (JACKSON)

# 35-043-23688

## 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: **LINDA SUE 1915 1H-13**

Section 13 Township 19 N Range 15 W , I.B.M., County of Dewey, State of Oklahoma

Original Location: 370'FNL - 1825'FWL Elevation 1702' Good Location? YES  
GROUND

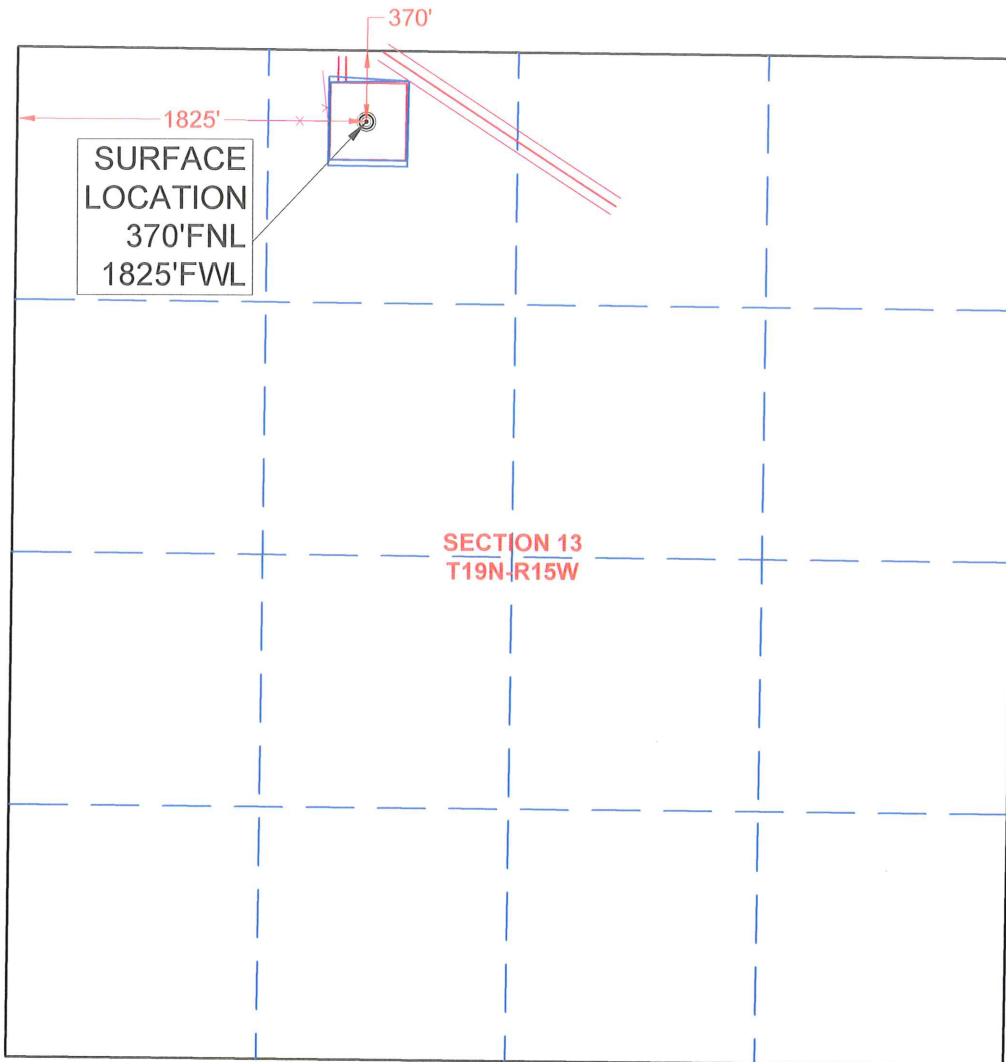
Topography: **WHEAT - 20' WEST OF LINDA SUE 1915 2H-13**

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 North

Distance & Direction From Nearest Town: 9.6 miles East of Seiling

From the town of Seiling and the intersection of U.S. Highway No. 60 (State Highway No. 51) and U.S. Highway No. 281 (U.S. Highway No. 270 and State Highway No. 3); Go East 7.2 miles on Shepherd Street (County Road E0600); Then go South 1.0 mile on Indian Road; Then go East 2.3 miles on County Road E0610 to location in SECTION 13-T19N-R15W, I.B.M., Dewey County, Oklahoma.



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* 12/6/18  
D. Harry McClintick  
PLS. No.1367

SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2018 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER: 18587	SITE VISIT: (Explanation and Date)
SHEET: 1 OF 9	STAKING DATE: 11/20/2018
	DRAWING DATE: 11/27/2018

# 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: **LINDA SUE 1915 1H-13**

Section 13 Township 19 N Range 15 W , I.B.M., County of Dewey, State of Oklahoma

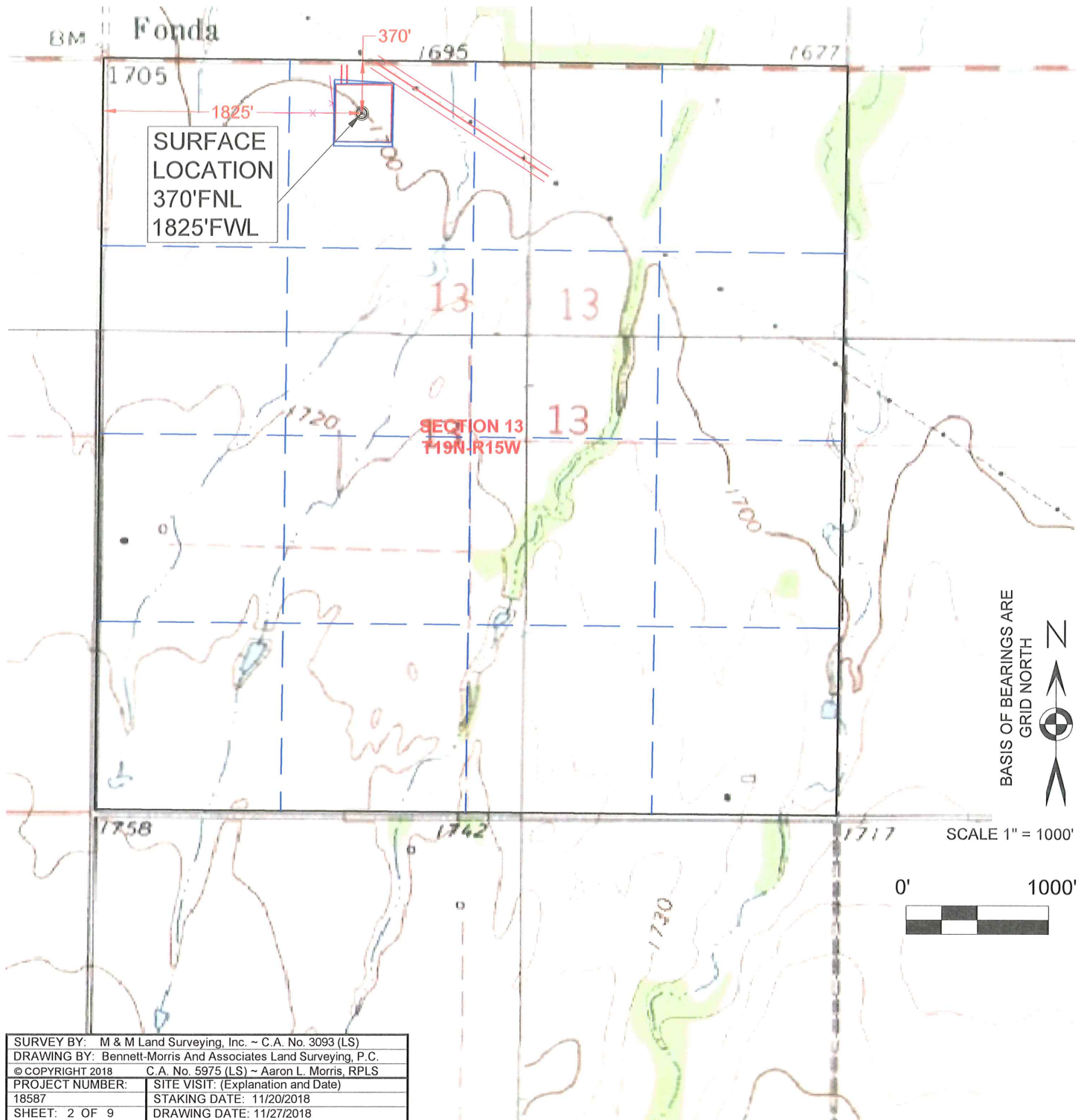
Original Location: 370'FNL - 1825'FWL Elevation 1702' GROUND Good Location? YES

Topography: **WHEAT - 20' WEST OF LINDA SUE 1915 2H-13**

Best Accessibility to Location: From the North

Distance & Direction From Nearest Town: 9.6 miles East of Seiling

From the town of Seiling and the intersection of U.S. Highway No. 60 (State Highway No. 51) and U.S. Highway No. 281 (U.S. Highway No. 270 and State Highway No. 3); Go East 7.2 miles on Shepherd Street (County Road E0600); Then go South 1.0 mile on Indian Road; Then go East 2.3 miles on County Road E0610 to location in SECTION 13-T19N-R15W, I.B.M., Dewey County, Oklahoma.



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PROJECT NUMBER:	SITE VISIT: (Explanation and Date)
18587	STAKING DATE: 11/20/2018
SHEET: 2 OF 9	DRAWING DATE: 11/27/2018

# 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: **LINDA SUE 1915 1H-13**

Section 13 Township 19 N Range 15 W , I.B.M., County of Dewey, State of Oklahoma

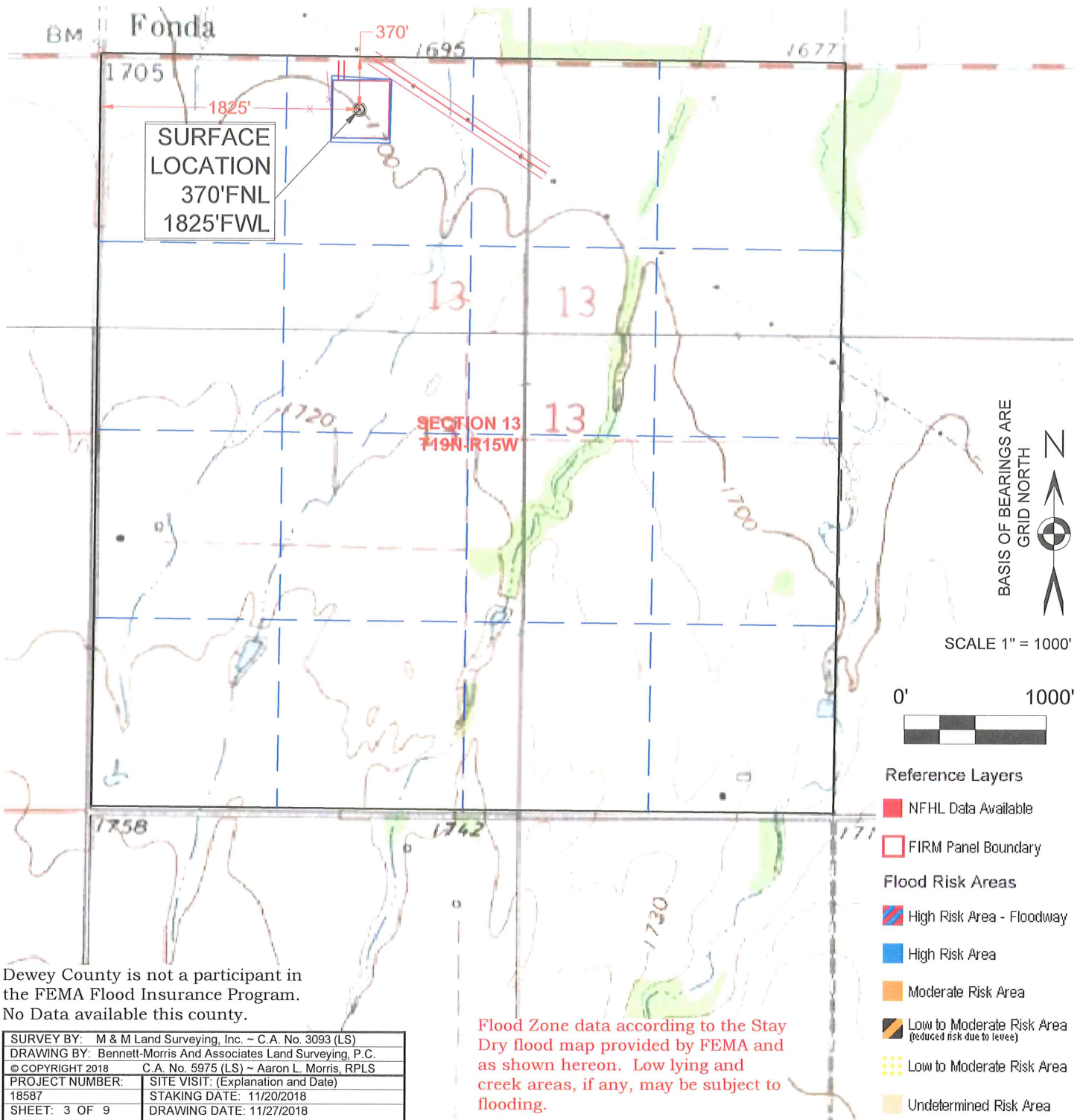
Original Location: 370'FNL - 1825'FWL Elevation 1702' GROUND Good Location? YES

Topography: WHEAT - 20' WEST OF LINDA SUE 1915 2H-13

Best Accessibility to Location: From the North

Distance & Direction From Nearest Town: 9.6 miles East of Seiling

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Dewey County is not a participant in the FEMA Flood Insurance Program. No Data available this county.

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PROJECT NUMBER: 18587	SITE VISIT: (Explanation and Date)
SHEET: 3 OF 9	STAKING DATE: 11/20/2018
	DRAWING DATE: 11/27/2018

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

M & M Land Surveying, Inc.  
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Elevation Good Location?

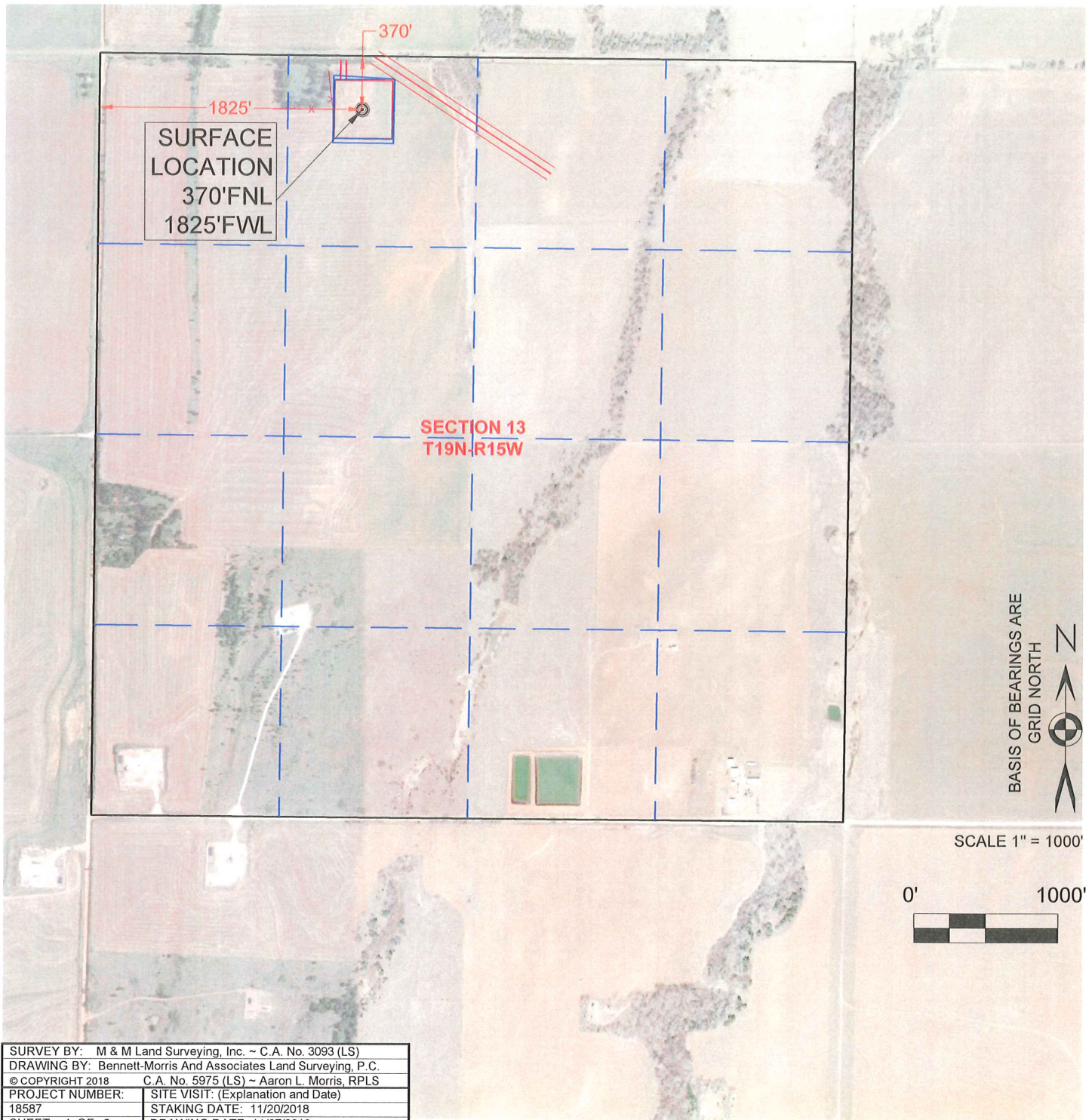
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# LEASE ROAD PLAT

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

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Lease Name: **LINDA SUE 1915 1H-13**

Section 13 Township 19 N Range 15 W , I.B.M., County of Dewey, State of Oklahoma  
Elevation Good Location?

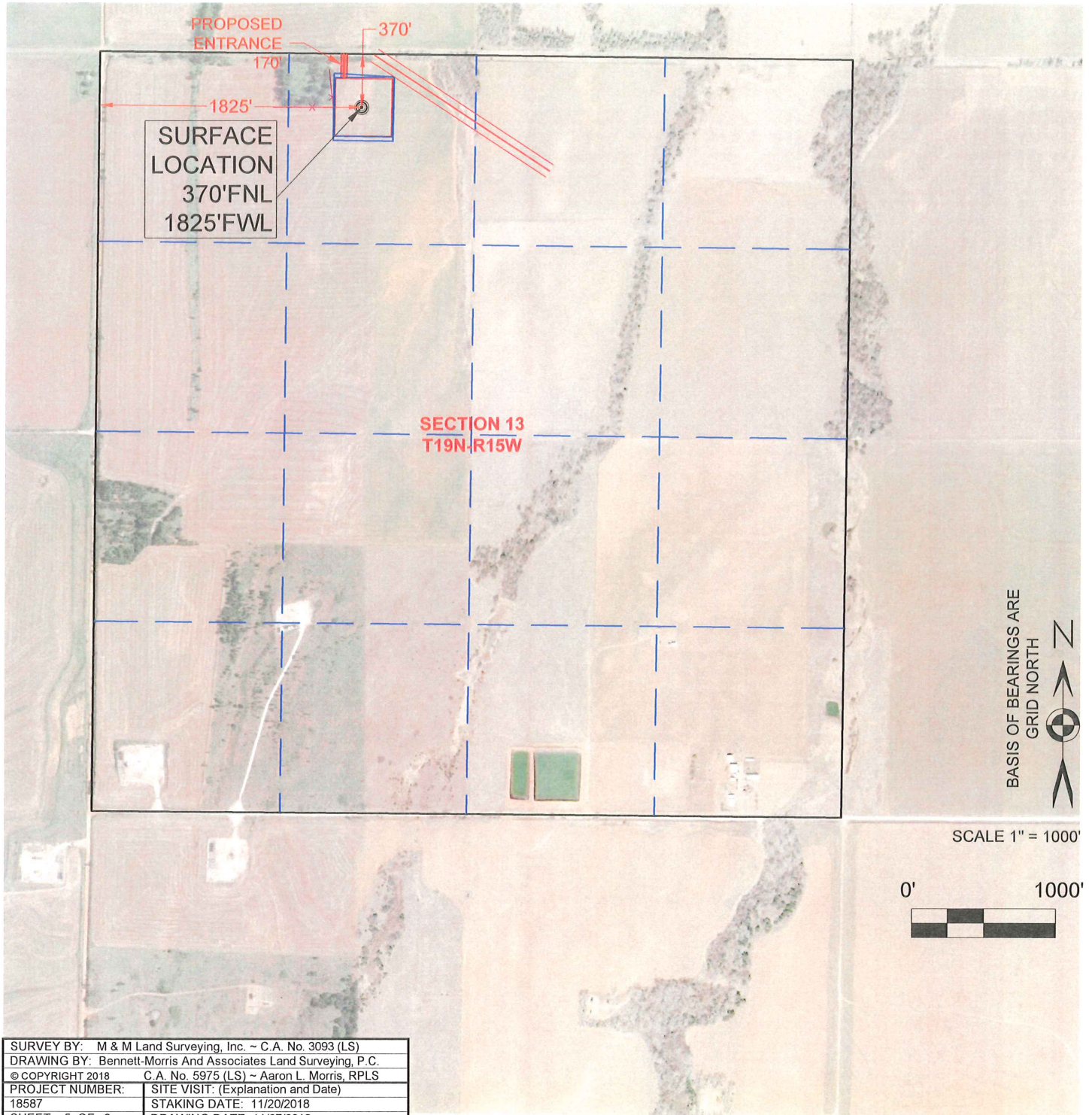
Original Location: 370'FNL - 1825'FWL 1702' GROUND YES

Topography: WHEAT - 20' WEST OF LINDA SUE 1915 2H-13

Best Accessibility to Location: From the North

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# PERMIT PLAT

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

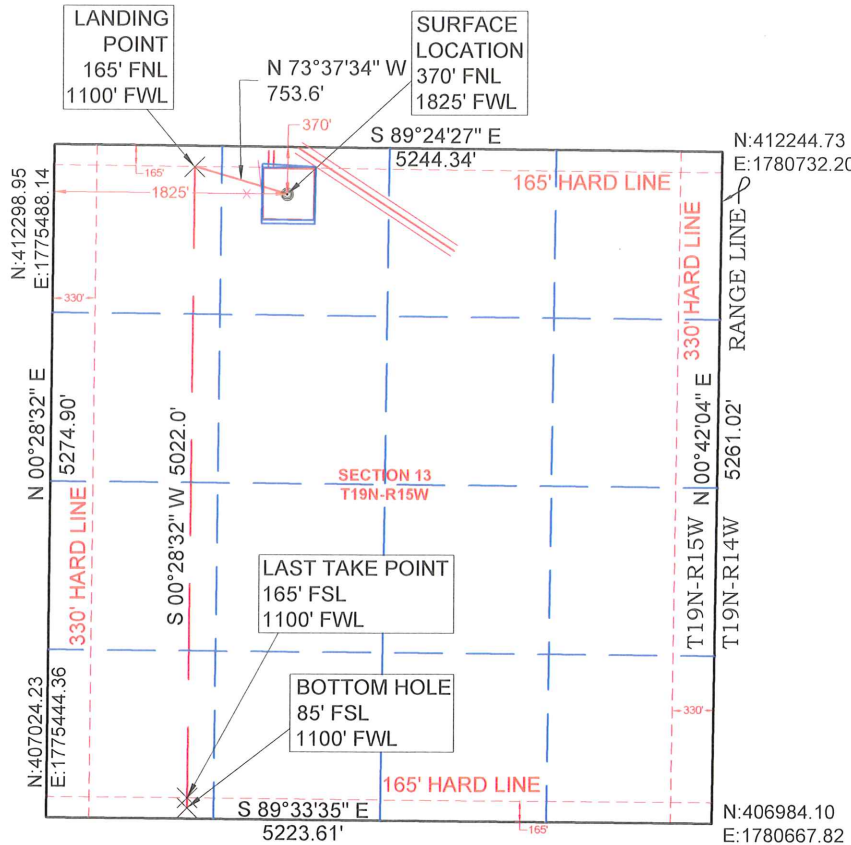
Company Name: **NEWFIELD EXPLORATION MID-CONTINENT INC.**

Lease Name: **LINDA SUE 1915 1H-13**

Section 13 Township 19 N Range 15 W , I.B.M., County of Dewey, State of Oklahoma  
Elevation Good Location?

Original Location: 370'FNL - 1825'FWL 1702' GROUND YES

Distance & Direction From Nearest Town: 9.6 miles East of Seiling



SURFACE LOCATION	LANDING POINT
DATUM: NAD27	DATUM: NAD27
LAT: 36° 07' 45.19\"N	LAT: 36° 07' 47.24\"N
LONG: 98° 45' 14.66\"W	LONG: 98° 45' 23.50\"W
LAT: 36.129220°N	LAT: 36.129788°N
LONG: 98.754073°W	LONG: 98.756526°W
Y (N): 411910.13	Y (N): 412122.56
X (E): 1777309.77	X (E): 1776586.74
DATUM: NAD83	DATUM: NAD83
LAT: 36° 07' 45.34\"N	LAT: 36° 07' 47.38\"N
LONG: 98° 45' 15.98\"W	LONG: 98° 45' 24.82\"W
LAT: 36.129260°N	LAT: 36.129828°N
LONG: 98.754440°W	LONG: 98.756894°W
Y (N): 411936.23	Y (N): 412148.67
X (E): 1745706.79	X (E): 1744983.76

LAST TAKE POINT	BOTTOM HOLE
DATUM: NAD27	DATUM: NAD27
LAT: 36° 06' 58.36\"N	LAT: 36° 06' 57.57\"N
LONG: 98° 45' 23.53\"W	LONG: 98° 45' 23.53\"W
LAT: 36.116212°N	LAT: 36.115992°N
LONG: 98.756535°W	LONG: 98.756535°W
Y (N): 407180.76	Y (N): 407100.77
X (E): 1776545.77	X (E): 1776545.1
DATUM: NAD83	DATUM: NAD83
LAT: 36° 06' 58.51\"N	LAT: 36° 06' 57.72\"N
LONG: 98° 45' 24.85\"W	LONG: 98° 45' 24.85\"W
LAT: 36.116252°N	LAT: 36.116033°N
LONG: 98.756902°W	LONG: 98.756902°W
Y (N): 407206.86	Y (N): 407126.87
X (E): 1744942.75	X (E): 1744942.08

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.

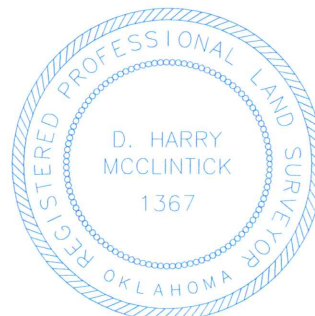
## CERTIFICATE:

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.



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

SURVEY BY: M & M Land Surveying, Inc. ~ C.A. No. 3093 (LS)	
DRAWING BY: Bennett-Morris And Associates Land Surveying, P.C.	
© COPYRIGHT 2018 C.A. No. 5975 (LS) ~ Aaron L. Morris, RPLS	
PROJECT NUMBER: 18587	SITE VISIT: (Explanation and Date)
	STAKING DATE: 11/20/2018
SHEET: 6 OF 9	DRAWING DATE: 11/27/2018



*[Signature]*  
D. Harry McClintick  
PLS. No.1367



## VICINITY MAP

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Elevation Good Location?

Original Location: 370'FNL - 1825'FWL 1702' GROUND YES

Topography: WHEAT - 20' WEST OF LINDA SUE 1915 2H-13

WGS 84 LATITUDE AND LONGITUDE:

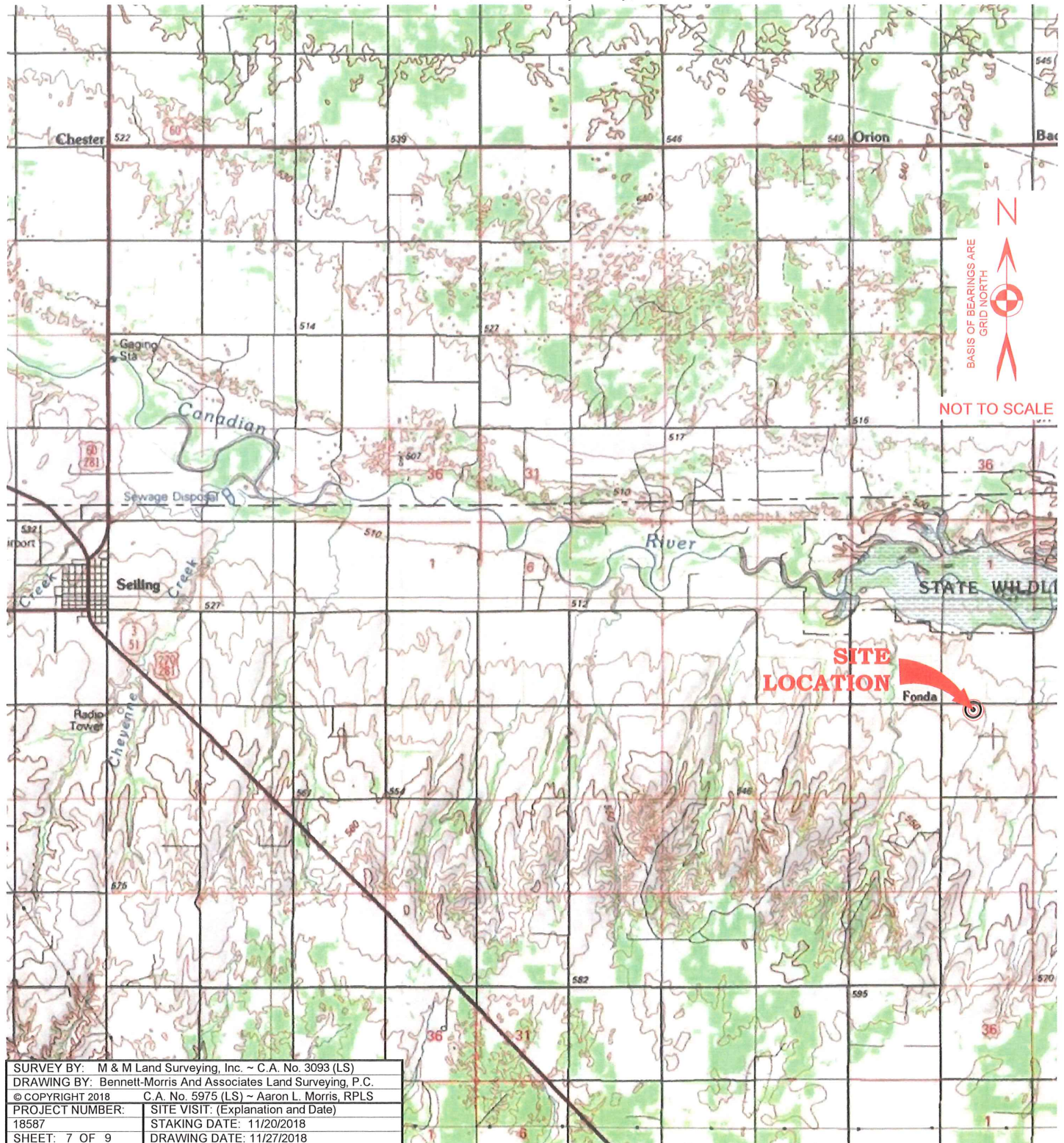
LAT: 36.129260°N

LONG: 98.754440°W

Best Accessibility to Location: From the North

Distance & Direction From Nearest Town: 9.6 miles East of Seiling

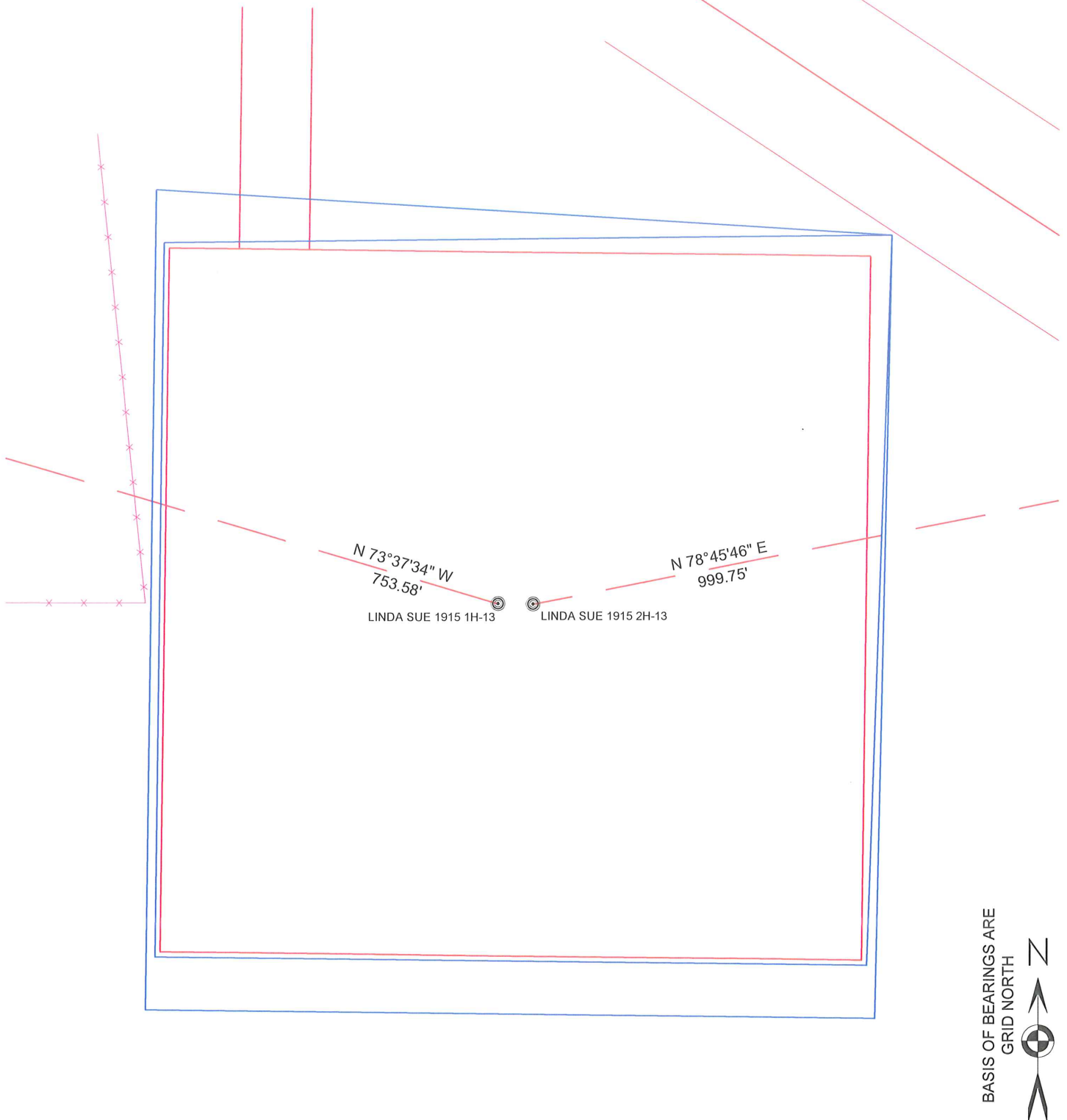
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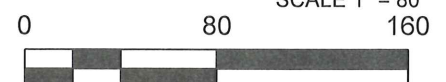
# WELL PAD INTERFERENCE PLAT

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

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Lease Name: LINDA SUE 1915 1H-13  
Section 13 Township 19 N Range 15 W , I.B.M, County of Dewey, State of Oklahoma



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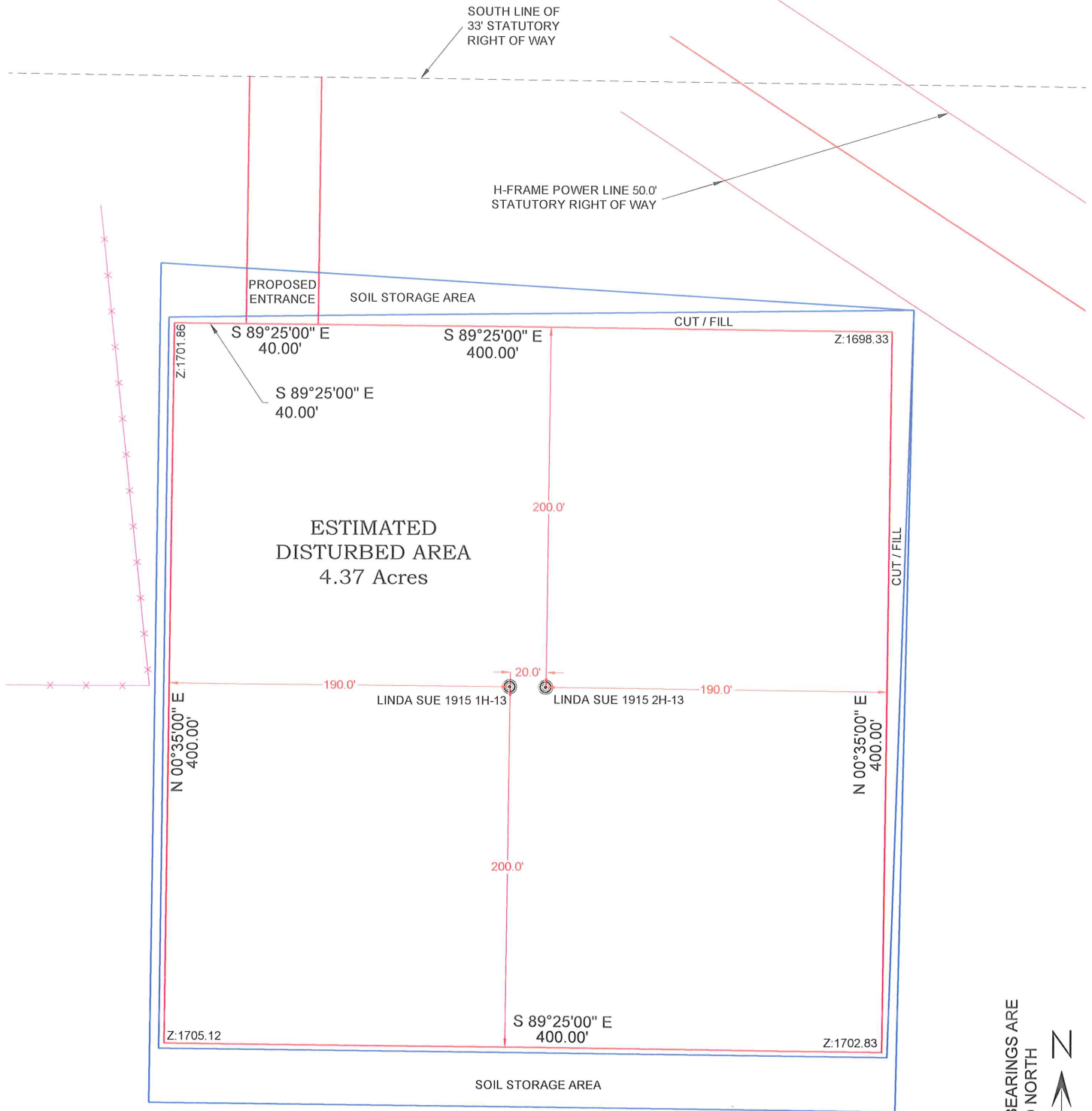




# WELL PAD DISTURBANCE BOUNDARY

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: LINDA SUE 1915 1H-13  
Section 13 Township 19 N Range 15 W , I.B.M, County of Dewey, State of Oklahoma



ELEVATIONS SHOWN ARE DERIVED FROM  
AN OPUS OBSERVATION AND ARE IN U.S.  
SURVEY FEET NORTH AMERICAN  
VERTICAL DATUM 1988 (NAVD88).

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)
18587	STAKING DATE: 11/20/2018
SHEET: 9 OF 9	DRAWING DATE: 11/27/2018

