

API NUMBER: 073 26772

OKLAHOMA CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
P.O. BOX 52000
OKLAHOMA CITY, OK 73152-2000
(Rule 165:10-3-1)Approval Date: 07/26/2021
Expiration Date: 01/26/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 18N Range: 7W County: KINGFISHER

SPOT LOCATION: SE SE SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 240 1025

Lease Name: LUBER 21-18-7 Well No: 3HC Well will be 240 feet from nearest unit or lease boundary.

Operator Name: TAPSTONE ENERGY LLC Telephone: 4057021600 OTC/OCC Number: 24505 0

TAPSTONE ENERGY LLC
PO BOX 1608
OKLAHOMA CITY, OK 73101-1608JOHN M. LUBER
14250 E. 690 RD.
DOVER OK 73734

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

Name	Code	Depth
1 OSWEGO	404OSWG	6722

Spacing Orders: 637136
632442Location Exception Orders: 709319
716945Increased Density Orders: 699126
719427Pending CD Numbers: 201904703
201904704
201904707
201904706
201904708

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 14000

Ground Elevation: 1076

Surface Casing: 1200

Depth to base of Treatable Water-Bearing FM: 250

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 21-37684

H. (Other)

CLOSED SYSTEM=STEEL PITS PER OPERATOR
REQUEST**PIT 1 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 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

MULTI UNIT HOLE 1

Section: 33 Township: 18N Range: 7W Meridian: IM

Total Length: 6640

County: KINGFISHER

Measured Total Depth: 14000

Spot Location of End Point: SE NW SW NW

True Vertical Depth: 6722

Feet From: NORTH 1/4 Section Line: 1760

Feet From: WEST 1/4 Section Line: 350

End Point Location from
Lease, Unit, or Property Line: 350

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

NOTES:	
Category	Description
DEEP SURFACE CASING	[7/7/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
EXCEPTION TO RULE - 709319	[7/26/2021 - G56] - (I.O.) W2 28-18N-7W X165:10-3-28(C)(2)(B) OSWG (LUBER 21-18-7 3HC) MAY BE CLOSER THAN 600' TO BRILL 2-28 & LUBER 1 WELLS CHESAPEAKE OPERATING, LLC*** 2/28/2020 ***S/B TAPSTONE ENERGY LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR;
EXCEPTION TO RULE - 716945	[7/26/2021 - G56] - EXTENSION OF TIME FOR ORDER # 709319
HYDRAULIC FRACTURING	[7/7/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN; 2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG
INCREASED DENSITY - 699126	[7/26/2021 - G56] - W2 28-18N-7W X637136 1 WELL CHESAPEAKE OPERATING, LLC 7/12/2019
INCREASED DENSITY - 719427	[7/26/2021 - G56] - W2 28-18N-7W X699126 CHANGE OF OPERATOR TO TAPSTONE ENERGY, LLC EXTENSION OF TIME FOR ORDER # 699126
PENDING CD - 201904703	[7/26/2021 - G56] - (I.O.) W2 28 & 33-18N-7W EST MULTIUNIT HORIZONTAL WELL X637136 OSWG W2 28-18N-7W X632442 OSWG 33-18N-7W 74% W2 28-18N-7W 26% 33-18N-7W NO OP. NAMED REC 7/26/2021 (DENTON)
PENDING CD - 201904704	[7/26/2021 - G56] - (I.O.) W2 28-18N-7W X637136 OSWG COMPL. INT. NCT 0' FSL, NCT 330' FNL, NCT 330' FWL NO OP. NAMED REC 7/26/2021 (DENTON)
PENDING CD - 201904706	[7/26/2021 - G56] - 33-18N-7W X632442 OSWG 1 WELL NO OP NAMED REC 7/26/2021 (DENTON)
PENDING CD - 201904707	[7/26/2021 - G56] - (I.O.) 33-18N-7W X632442 OSWG COMPL. INT. NCT 2640' FSL, NCT 0' FNL, NCT 330' FWL NO OP. NAMED REC 7/26/2021 (DENTON)
PENDING CD - 201904708	[7/26/2021 - G56] - (I.O.) 33-18N-7W X165:10-3-28(C)(2)(B) OSWG (LUBER 21-18-7 3HC) MAY BE CLOSER THAN 600' TO PICKLE 1 WELL NO OP NAMED REC 7/26/2021 (DENTON)

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

SPACING - 632442	[7/26/2021 - G56] - (640)(HOR) 33-18N-7W EST OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER 50927 OSWG)
SPACING - 637136	[7/26/2021 - G56] - (320)(HOR) W2 28-18N-7W EST OSWG, OTHER POE TO BHL NCT 660' FB (COEXIST SP. ORDER 264867 OSWG SW4; SP. ORDER 49462/231230 OSWG NW4)

This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 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.

073 26772 LUBER 21-18-7 3HC

TOPOGRAPHIC LAND SURVEYORS

13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

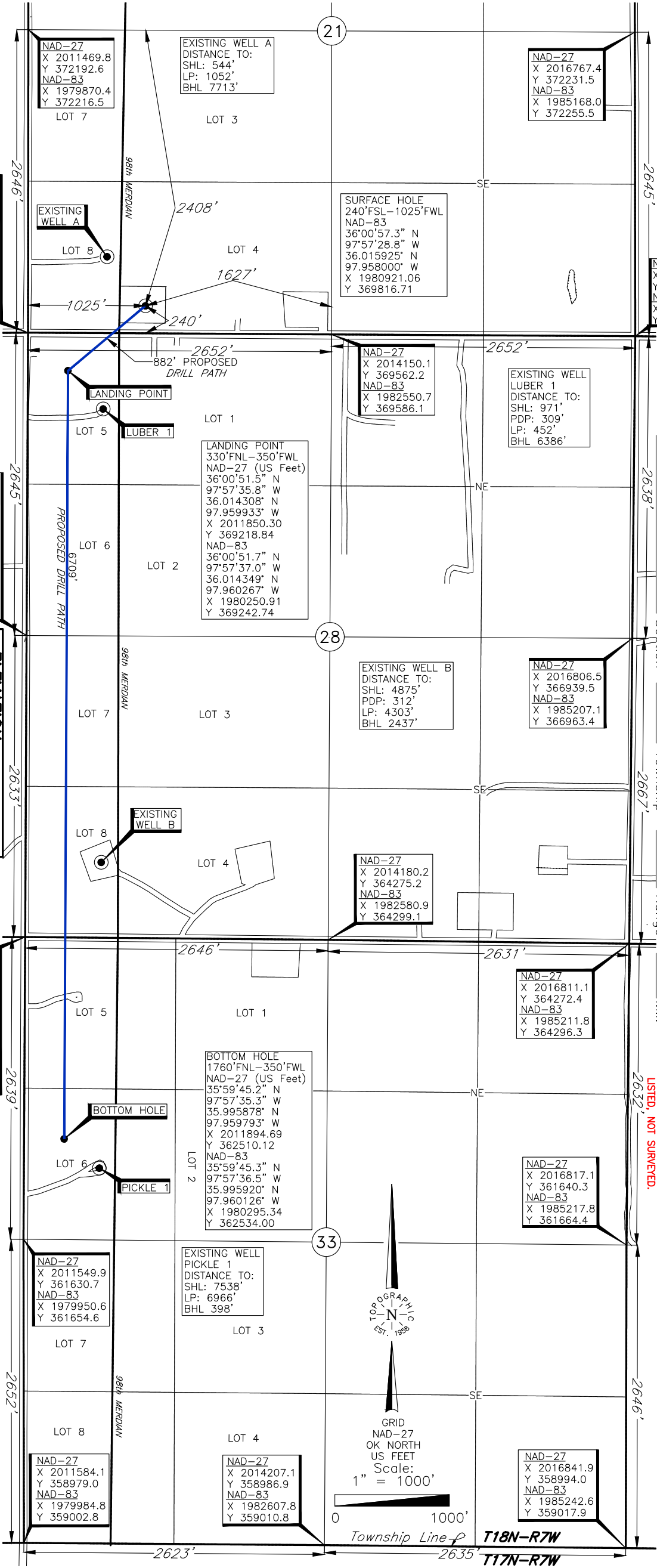
KINGFISHER Certificate of Authorization No. 1292 LS

County, Oklahoma

240'FSL - 1025'FWL Section 21 Township 18N Range 7W I.M.

NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

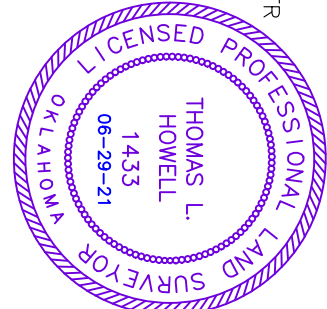


Operator: TAPSTONE ENERGY, LLC
Lease Name: LUBER 21-18-7
Topography & Vegetation Loc. fell in sloped wheatfield
Good Drill Site? Yes
Reference Stakes or Alternate Location Stakes Set None
Best Accessibility to Location From South off county road
Distance & Direction From US Hwy. 81 at Dover, OK, go ±2.4 mi. North on US Hwy. 81, then ±2.5 mi. West on county road to the S/4 Cor. of Sec. 21-T18N-R7W

Well No.: 3HC
ELEVATION: 1076' Gr. at Stake NAVD88 1075' Gr. at Stake NGVD29
DATUM: NAD-27
LAT: 36°00'57.2" N
LONG: 97°57'27.6" W
LAT: 36.015884° N
LONG: 97.957667° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK NORTH
X: 2012520.44
Y: 369792.65

(This information was gathered with a GPS receiver with ±1 foot Horiz./Vert. accuracy.)

Project # 129270 Date of Drawing: June 29, 2021
Date Staked: Oct. 17, 2019
TR
CERTIFICATE:
I, Thomas L. Howell on Oklahoma
Licensed Land Surveyor and an authorized agent
of Topographic Land Surveyors, do
hereby certify to the information shown herein.



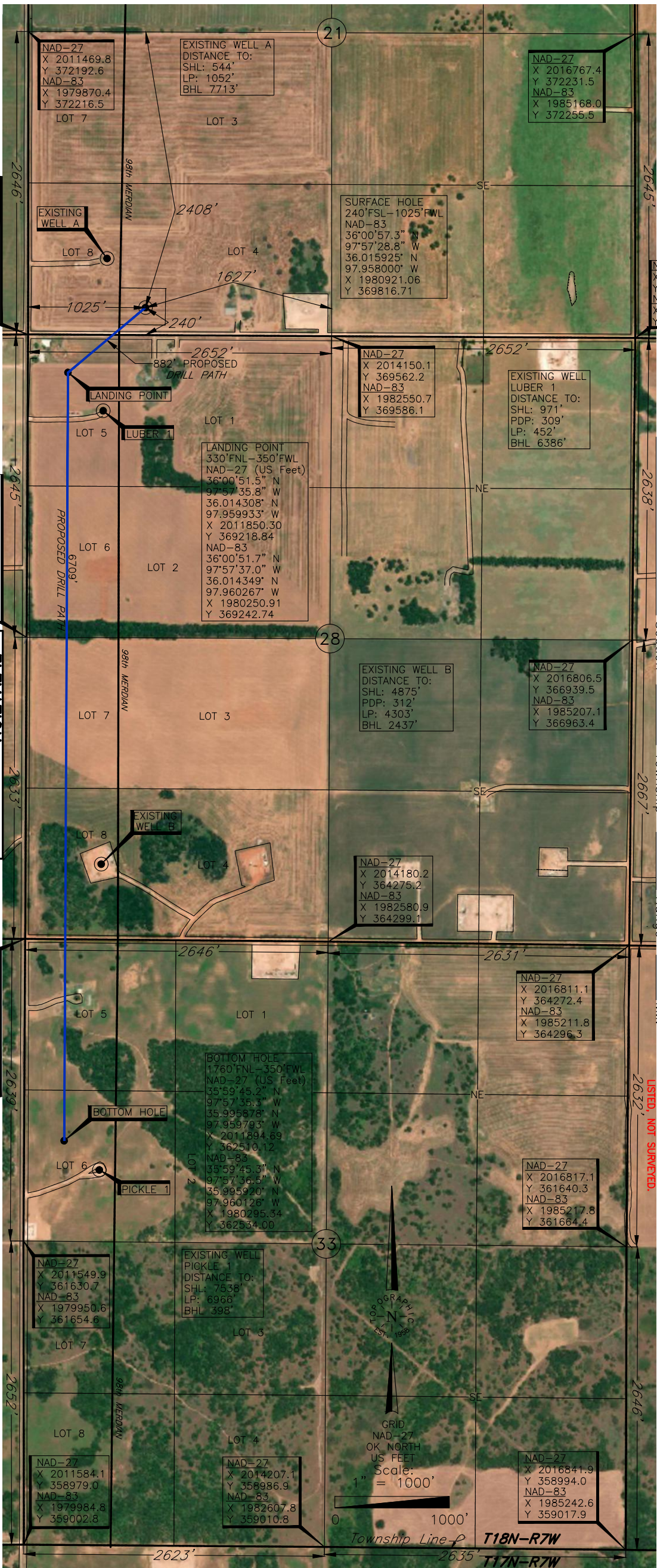
13800 Wireless Way, Okla. City, OK. 73134 * LOCAL (405) 843-4847 * OUT OF STATE (800) 654-3219

County, Oklahoma

1.M
W/

NOTES:

- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY
- LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.



Lease Name: LUBER 21-18-7

Good Drill Site? Yes

Best Accessibility to Location _____ From South off county road _____

Distance & Direction

From Hwy Jct or Town From US Hwy. 81 at Dover, OK, go ± 2.4 mi. North on US Hwy. 81,

then ± 2.5 mi. West on county road to the S/4 Cor. of Sec. 21-T18N-R7W

DATAUM: 1944-2-1
 LAT: 36°00'57.2" N
 LONG: 97°57'27.6" W
 LAT: 36.015884° N
 LONG: 97.957667° W
 STATE PLANE
 COORDINATES: (US Feet)
 ZONE: OK NORTH
 X: 2012520.44
 Y: 369792.65

(This information was gathered with a GPS receiver with ± 1 foot Horiz./Vert. accuracy.)

CERTIFICATE:

Project # 129270 Date Staked: Oct. 17, 2019 Th

Date of Drawing: June 29, 2021

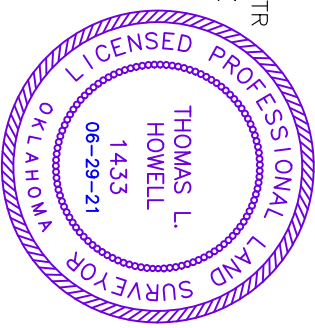
十
五

I, Thomas L. Howell an Oklahoman

Topographic Land Surveyors, do hereby certify to the information shown herein.

Oklahoma Lic. No. 1433

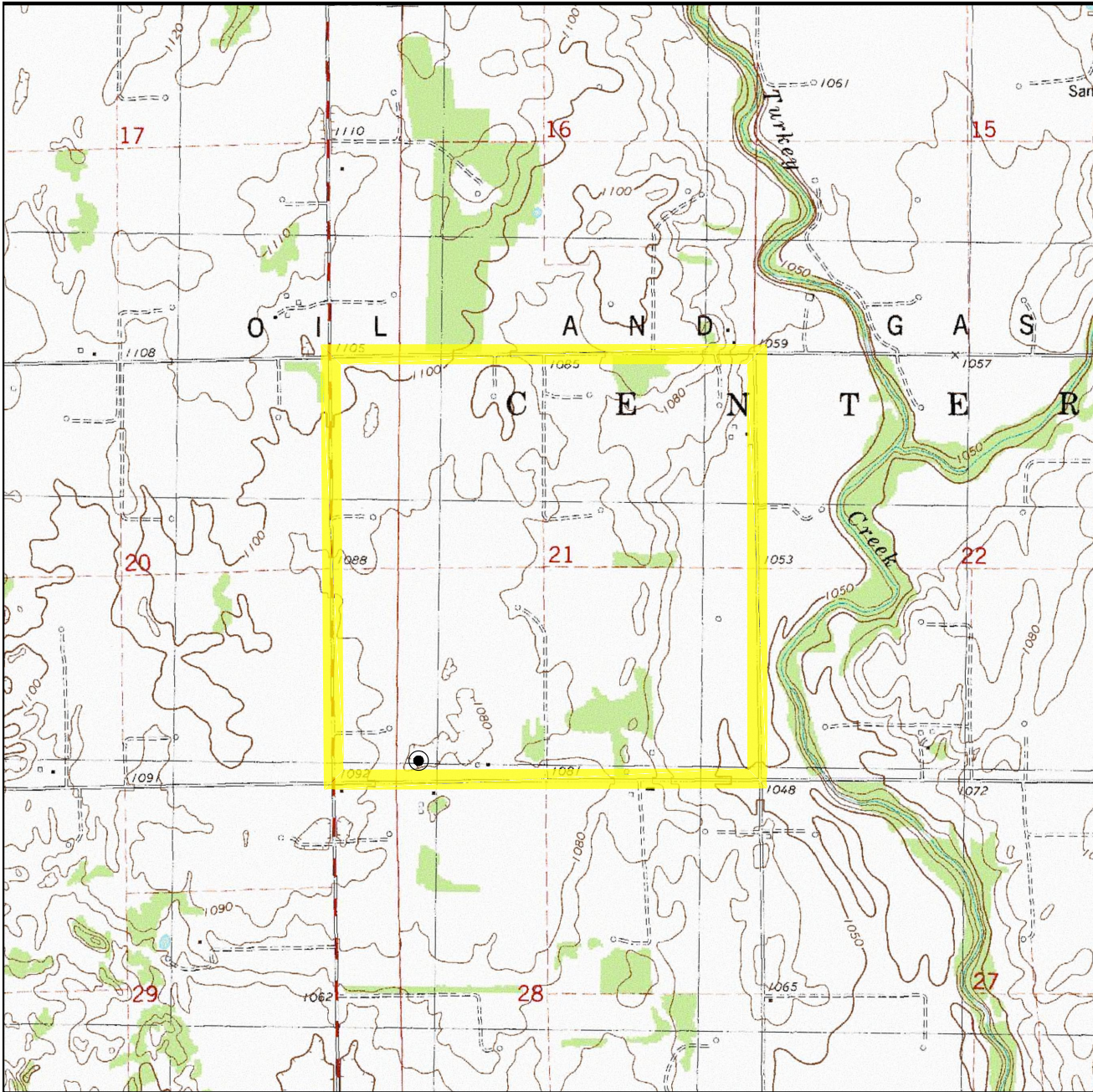
1433



TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry
13800 Wireless Way, Okla. City, OK. 73134 www.topographic.com
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

LOCATION & ELEVATION VERIFICATION MAP



Sec. 21 Twp. 18N Rng. 7W IM

County KINGFISHER State OK

Operator TAPSTONE ENERGY, LLC

Description 240'FSL - 1025'FWL

Lease LUBER 21-18-7 3HC

Elevation 1076' Gr. at Stake NAVD88
1075' Gr. at Stake NGVD29

Above Background Data from
U.S.G.S. Topographic Map
Scale: 1"=2000'

Contour Interval 10'

When elevation is shown hereon it is the ground
elevation of the location stake.
Review this plat and inform us immediately of
any possible discrepancy.

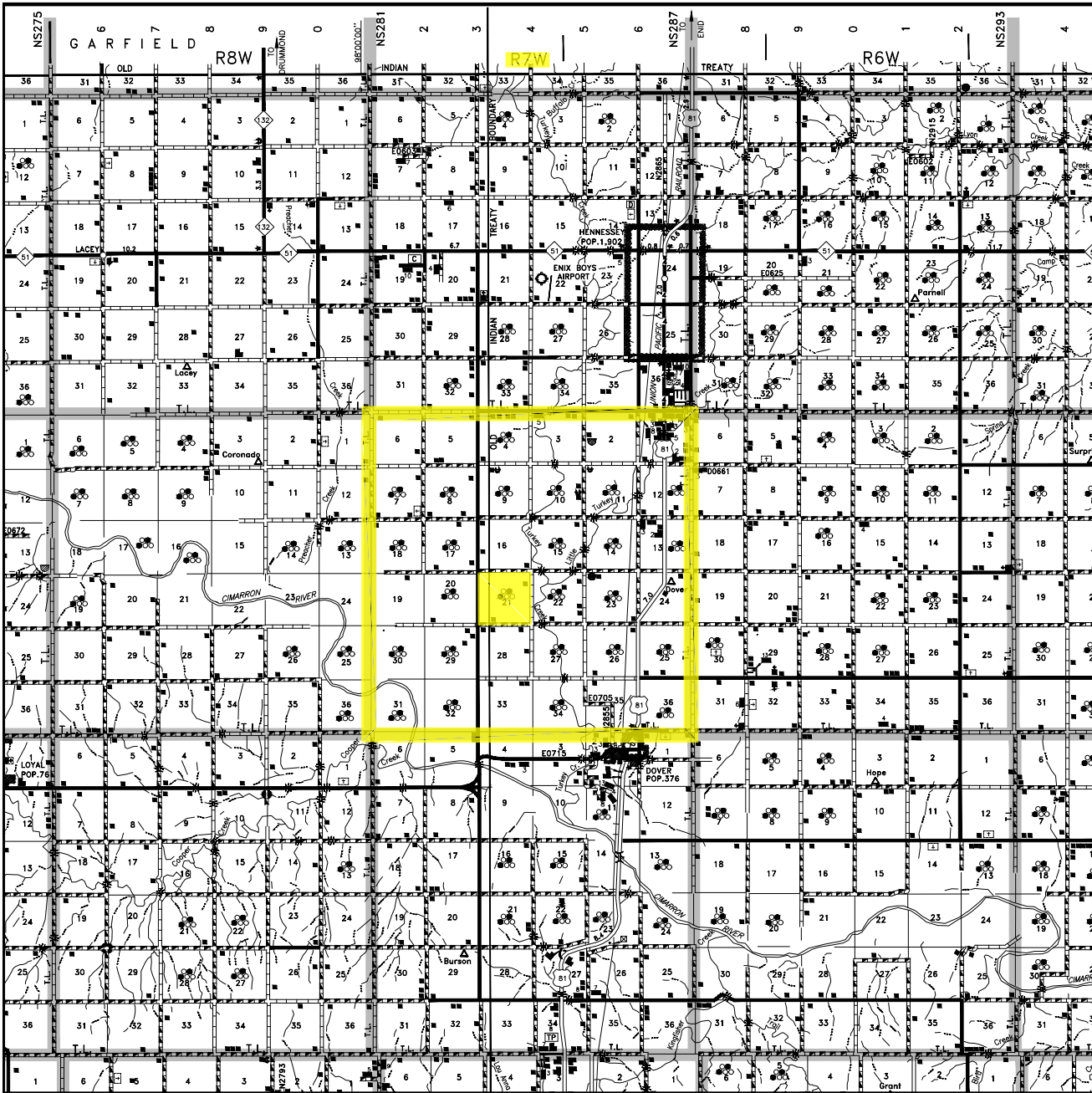
 **TOPOGRAPHIC**
LOYALTY INNOVATION LEGACY
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

Oct. 17, 2019

TOPOGRAPHIC LAND SURVEYORS

Surveying and Mapping for the Energy Industry
13800 Wireless Way, Okla. City, OK. 73134 www.topographic.com
Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

VICINITY MAP



Scale: 1" = 3 Miles

Sec. 21 Twp. 18N Rng. 7W IM

County KINGFISHER State OK

Operator TAPSTONE ENERGY, LLC

 **TOPOGRAPHIC**
LOYALTY INNOVATION LEGACY
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134
TELEPHONE: (405) 843-4847 OR (800) 654-3219
CERTIFICATE OF AUTHORIZATION NO. 1292 LS
WWW.TOPOGRAPHIC.COM

Topographic Survey Certification
I, Thomas L. Howell, certify that this project was completed under my direct and responsible charge from an actual survey made under my supervision and that this ground survey was performed at the 95 percent confidence level to meet Federal Geographic Data Committee Standards; that this survey was performed to meet the Specifications for Topographic and Planimetric Mapping contained in the Oklahoma Minimum Standards for the Practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors. The original data was obtained on 10/17/2019; the survey was completed on 10/17/2019; the contours shown as even feet may not meet the stated standard; all coordinates are based on Oklahoma North Zone, NAD-83, adjusted to an OPUS solution(s), and all elevations are based on NAVD-88 Datum.

CONTROL SURVEY CERTIFICATION
I, Thomas L. Howell, certify that this horizontal/vertical control survey was completed under my direct and responsible charge from an actual survey made under my supervision and meets the Oklahoma Minimum Standards for the Practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

Control Notes:

1. All horizontal coordinate values are shown in U.S. Survey feet and all vertical elevation values are shown in feet.
2. All control points are based on initial control. Control Point(s) was (were) used as the basis of horizontal and vertical control. Control Point(s) to be used as the basis of bearing.
3. All bearings are based on State Plane Coordinates, Oklahoma North Zone established by OPUS solution(s). Distances shown are Grid Distances. All field measurements and angles applied to control pointswere made with a Trimble R10, GNSS Observer. Horizontal accuracy is 0.25 m+1ppm RMS. Vertical accuracy is 0.5m+1ppm RMS.
4. All elevations of control points are based on initial elevation of OPUS solutions in NAVD-88. All elevations are determined by a Trimble R10, GNSS Observer. Horizontal accuracy is 0.25 m+1ppm RMS. Vertical accuracy is 0.5m+1ppm RMS.
5. All control points were set and observed on 10/17/2019 and adjusted to final coordinates on 10/17/2019.

LUBER
21-18-7 3HC
(A) NAD-83
240' FSL-1025' FWL
ELEV: 1076' (STAKE)
X= 1980921.06
Y= 369816.71
LAT: 36.015925° N
LON: 97.958000° W

SECTION 21
SW/4

LOCAL
CONTROL POINT
(IRON ROD)
X 1979936.77'
Y 369618.97'
ELEV: @ Gr. 1093.13'

LOCAL
CONTROL POINT
(IRON ROD)
X 1981138.97'
Y 369601.94'
ELEV: @ Gr. 1076.46'

NOTES:

THE INFORMATION SHOWN HEREIN IS NAD-83 COORDINATE SYSTEM AND NAVD-88 ELEVATIONS.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY. WORKING LIMITS ARE MARKED ON THE GROUND.

NO.	REVISION	DATE	BY
SURV. BY:	RL 10-17-19		
DRAWN BY:	TR		
APPROVED BY:	TH		

This plat was prepared exclusively for
TAPSTONE ENERGY, LLC
and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors..

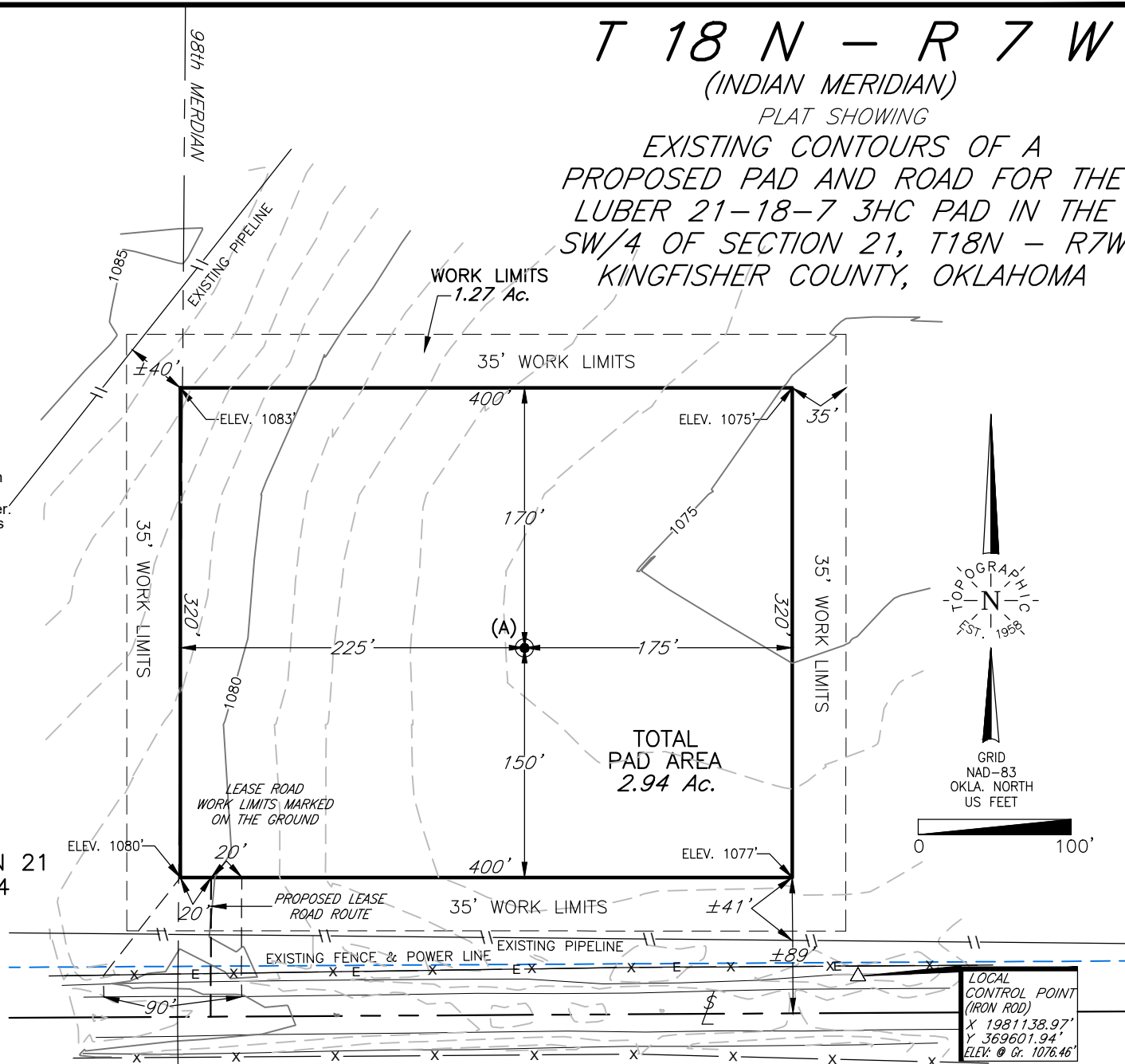
SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847
Certificate of Authorization No. 1292 LS

SCALE:	1" = 100'
DATE:	06-29-21
FILE:	L41954A2.DWG
PROJECT NO.:	129270
DWG NO.:	103085-L4-1954-A2
SHEET	2 OF 3

T 18 N - R 7 W
(INDIAN MERIDIAN)

PLAT SHOWING

EXISTING CONTOURS OF A
PROPOSED PAD AND ROAD FOR THE
LUBER 21-18-7 3HC PAD IN THE
SW/4 OF SECTION 21, T18N - R7W
KINGFISHER COUNTY, OKLAHOMA



Topographic Survey Certification
I, Thomas L. Howell, certify that this project was completed under my direct and responsible charge from an actual survey made under my supervision and that this ground survey was performed at the 95 percent confidence level to meet Federal Geographic Data Committee Standards; that this survey was performed to meet the Specifications for Topographic and Planimetric Mapping contained in the Oklahoma Minimum Standards for the Practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors. The original data was obtained on 10/17/2019; the survey was completed on 10/17/2019; the contours shown as even feet may not meet the stated standard; all coordinates are based on Oklahoma North Zone, NAD-83, adjusted to an OPUS solution(s), and all elevations are based on NAVD-88 Datum.

CONTROL SURVEY CERTIFICATION
I, Thomas L. Howell, certify that this horizontal/vertical control survey was completed under my direct and responsible charge from an actual survey made under my supervision and meets the Oklahoma Minimum Standards for the Practice of Land Surveying as adopted by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors.

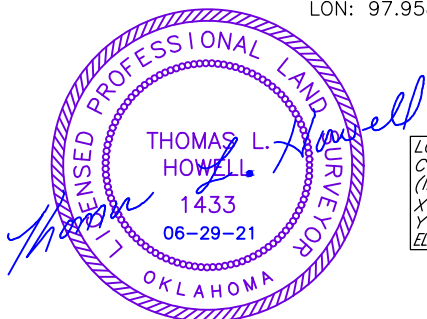
Control Notes:

1. All horizontal coordinate values are shown in U.S. Survey feet and all vertical elevation values are shown in feet.
2. All control points are based on initial control. Control Point(s) (were) used as the basis of horizontal and vertical control. Control Point(s) to be used as the basis of bearing.
3. All bearings are based on State Plane Coordinates, Oklahoma North Zone established by OPUS solution(s). Distances shown are Grid Distances. All field measurements and angles applied to control pointswere made with a Trimble R10, GNSS Observer. Horizontal accuracy is 0.25 m+1ppm RMS. Vertical accuracy is 0.5m+1ppm RMS.
4. All elevations of control points are based on initial elevation of OPUS solutions in NAVD-88. All elevations are determined by a Trimble R10, GNSS Observer. Horizontal accuracy is 0.25 m+1ppm RMS. Vertical accuracy is 0.5m+1ppm RMS.
5. All control points were set and observed on 10/17/2019 and adjusted to final coordinates on 10/17/2019.

LUBER
21-18-7 3HC
(A) NAD-83
240' FSL-1025' FWL
ELEV: 1076' (STAKE)
X= 1980921.06
Y= 369816.71
LAT: 36.015925° N
LON: 97.958000° W

SECTION 21
SW/4

LOCAL
CONTROL POINT
(IRON ROD)
X 1979936.77'
Y 369618.97'
ELEV: @ Gr. 1093.13'



NOTES:

THE INFORMATION SHOWN HEREIN IS NAD-83 COORDINATE SYSTEM AND NAVD-88 ELEVATIONS.

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY. WORKING LIMITS ARE MARKED ON THE GROUND.

PAD REPORT

Top of pad elevation: 1077.2383'
Cut Slope: 50.00% 2.00:1 26.57'
Fill Slope: 33.33% 3.00:1 18.43'
Balance Tolerance (C.Y.): 0.00
Cut Swell Factor: 1.00
Fill Shrink Factor: 1.00

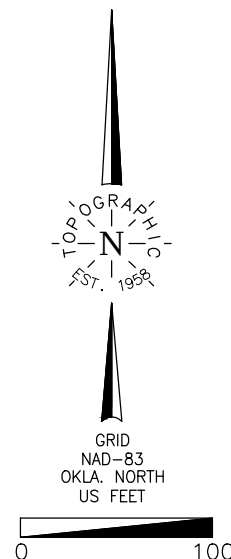
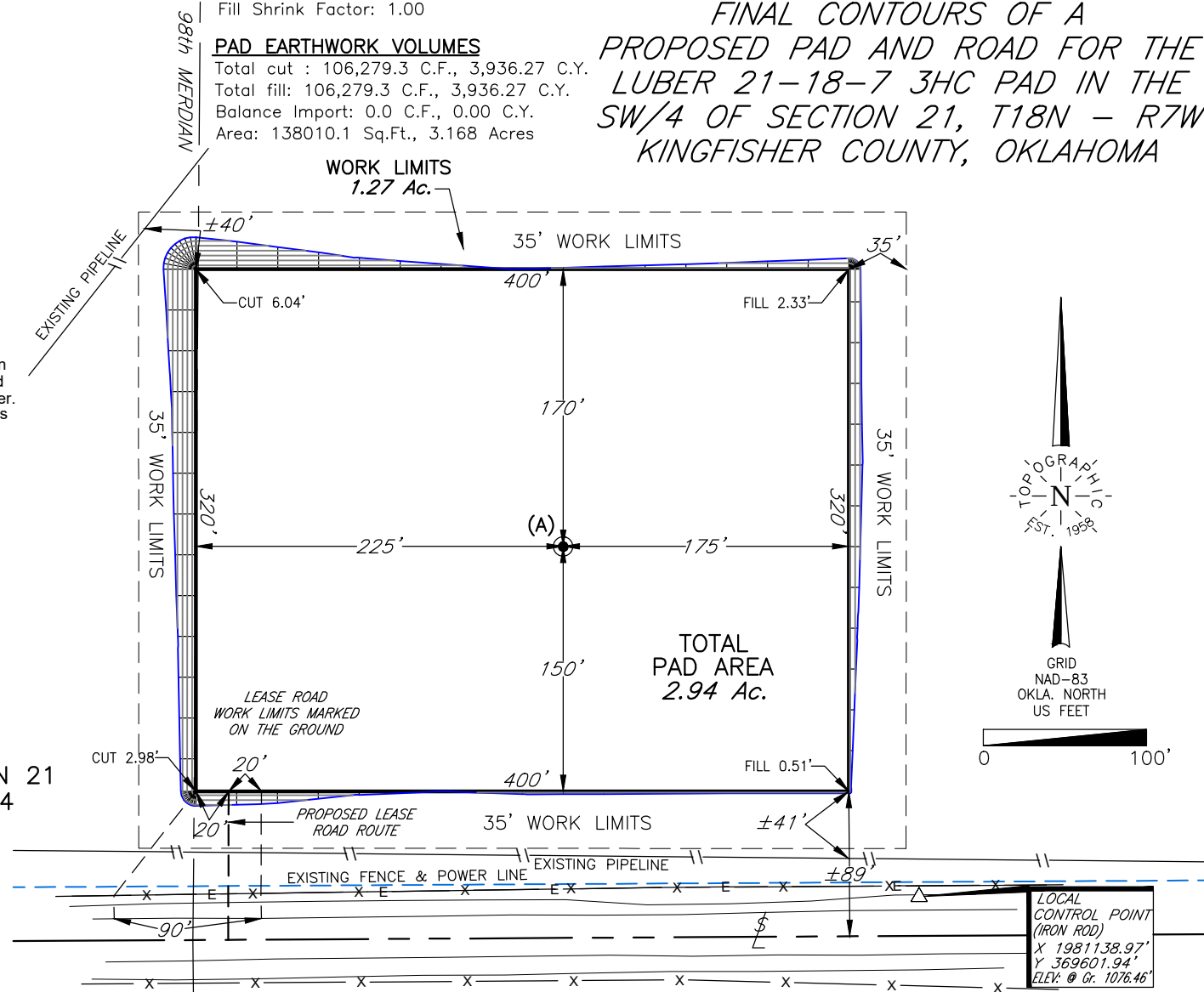
PAD EARTHWORK VOLUMES

Total cut : 106,279.3 C.F., 3,936.27 C.Y.
Total fill: 106,279.3 C.F., 3,936.27 C.Y.
Balance Import: 0.0 C.F., 0.00 C.Y.
Area: 138010.1 Sq.Ft., 3.168 Acres

T 18 N - R 7 W
(INDIAN MERIDIAN)

PLAT SHOWING

FINAL CONTOURS OF A
PROPOSED PAD AND ROAD FOR THE
LUBER 21-18-7 3HC PAD IN THE
SW/4 OF SECTION 21, T18N - R7W
KINGFISHER COUNTY, OKLAHOMA



				This plat was prepared exclusively for TAPSTONE ENERGY, LLC		SCALE: 1" = 100'
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors.		DATE: 06-29-21
NO.	REVISION	DATE	BY	SURVEYING AND MAPPING BY TOPOGRAPHIC LAND SURVEYORS		FILE: L41954A3.DWG
SURV. BY: RL 10-17-19				13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847		PROJECT NO.: 129270
DRAWN BY: TR				Certificate of Authorization No. 1292 LS		DWG NO.: 103085-L4-1954-A3
APPROVED BY: TH						SHEET 3 OF 3

Section 21 Township 18N Range 7W I.M.

NAD-83	
X	1985242.6
Y	359017.9

33

NAD-83
X 1982607.8
Y 359010.8

ne $\frac{118N-R7W}{-2635'}$ $\frac{117N-R7W}{-2635'}$

Tr