

API NUMBER: 073 26127 C

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

Approval Date: 08/19/2021

Expiration Date: 02/19/2023

Multi Unit

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 27 Township: 17N Range: 7W County: KINGFISHER

SPOT LOCATION: ☐ SE ☐ SW ☐ SE ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 270 1828

Lease Name: BEVERLY 27-17-7 Well No: 2HC Well will be 270 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 73101-1608

MARY J. PENNDORF REV. TRUST  
12169 SOUTH EAST 172ND LANE  
SUMMERFIELD FL 34491

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

Name	Code	Depth
1 OSWEGO	404OSWG	6818

Spacing Orders: 641398	Location Exception Orders: 699420	Increased Density Orders: 719337
644145	695380	674154
699419	717961	718557
	718558	699418
	674123	
	674124	
	719338	
	718559	

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 17600 Ground Elevation: 1069

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 21-37680
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 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

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.

## MULTI UNIT HOLE 1

Section: 22	Township: 17N	Range: 7W	Meridian: IM	Total Length: 9900
County: KINGFISHER				Measured Total Depth: 17600
Spot Location of End Point: N2	N2	N2	N2	True Vertical Depth: 6857
Feet From: <b>NORTH</b>	1/4 Section Line: 250		End Point Location from	
Feet From: <b>WEST</b>	1/4 Section Line: 2640		Lease, Unit, or Property Line: 250	

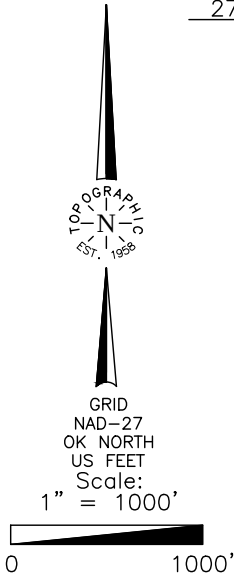
## NOTES:

Category	Description
DEEP SURFACE CASING	[8/17/2021 - 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 - 674123	[8/19/2021 - G56] - (I.O.) 22-17N-7W X165:10-3-28(C)(2)(B) OSWG (BEVERLY 22-17-7 2H)*** MAY BE CLOSER THAN 600' TO THE RODNEY HOBBS UNIT 1 CHESAPEAKE OPERATING, LLC. 2-27-2018  *** S/B BEVERLY 27-17-7 2HC; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPR
EXCEPTION TO RULE - 674124	[8/19/2021 - G56] - (I.O.) 22-17N-7W X165:10-3-28(C)(2)(B) OSWG (BEVERLY 22-17-7 2H)*** MAY BE CLOSER THAN 600' TO THE GERBER 2 CHESAPEAKE OPERATING, LLC^^ 2-27-2018  *** S/B BEVERLY 27-17-7 2HC; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPR  ^^ S/B TAPSTONE ENERGY, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR;
EXCEPTION TO RULE - 718558	[8/19/2021 - G56] - EXTENSION OF TIME FOR ORDER # 674123
EXCEPTION TO RULE - 718559	[8/19/2021 - G56] - EXTENSION OF TIME FOR ORDER # 674124
HYDRAULIC FRACTURING	[8/17/2021 - 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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a> ; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
INCREASED DENSITY - 674154	[8/19/2021 - G56] - 22-17N-7W X641398 OSWG 2 WELLS CHESAPEAKE OPERATING, LLC. 2-28-2018
INCREASED DENSITY - 699418	[8/19/2021 - G56] - 27-17N-7W X644145 OSWG 1 WELL CHESAPEAKE OPERATING LLC 7/19/2019
INCREASED DENSITY - 718557	[8/19/2021 - G56] - 22-17N-7W CHANGE OF OPERATOR TO TAPSTONE ENERGY, LLC EXTENSION OF TIME FOR ORDER # 674154

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INCREASED DENSITY - 719337	[8/19/2021 - G56] - 27-17N-7W CHANGE OF OPERATOR TO TAPSONE ENERGY, LLC EXTENSION OF TIME FOR ORDER # 699418
LOCATION EXCEPTION - 695380	[8/19/2021 - G56] - (I.O.) 22-17N-7W X641398 OSWG COMPL. INT. NCT 330' FNL, NCT 0' FSL, NCT 1320' FEL OR FWL NO OP. NAMED 4/30/2019
LOCATION EXCEPTION - 699420	[8/19/2021 - G56] - (I.O.) 27-17N-7W X644145 OSWG COMPL. INT. NCT 0' FNL, NCT 330' FSL, NCT 1320' FEL OR FWL NO OP. NAMED 7/19/2019
LOCATION EXCEPTION - 717961	[8/19/2021 - G56] - EXTENSION OF TIME FOR ORDER # 695380
LOCATION EXCEPTION - 719338	[8/19/2021 - G56] - EXTENSION OF TIME FOR ORDER # 699420
SPACING - 641398	[8/19/2021 - G56] - (640)(HOR) 22-17N-7W VAC 242914 OWSG, OTHER VAC 109727 OWSG NW4 VAC 40411/42259 OSWG N2 NE4 EST OSWG, OTHER COMPL INT NLT 660' FB (COEXIST SP. ORDER #40411/42259 OWSG S2 NE4, N2 SE4, S2 SE4, & SP# 109727 OSWG N2 SW4, S2 SW4)
SPACING - 644145	[8/19/2021 - G56] - (640)(HOR) 27-17N-7W VAC 40411/42259 OSWG S2 & N2 NW4 VAC OTHERS EST OSWG, OTHERS COMPL INT NLT 660' FB (COEXIST SP # 40411/42259 S2 NW4, N2 NE4, S2 NE4)
SPACING - 699419	[8/19/2021 - G56] - (I.O.) 27 & 22-17N-7W EST MULTIUNIT HORIZONTAL WELL X644145 OSWG 27-17N-7W X641398 OSWG 22-17N-7W 50% 27-17N-7W 50% 22-17N-7W CHESAPEAKE OPERATING, LLC*** 7/19/2019  ***S/B TAPSONE ENERGY, LLC, WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR;

County, Oklahoma  
270'FSL - 1828'FWL Section 27 Township 17N Range 7W I.M.

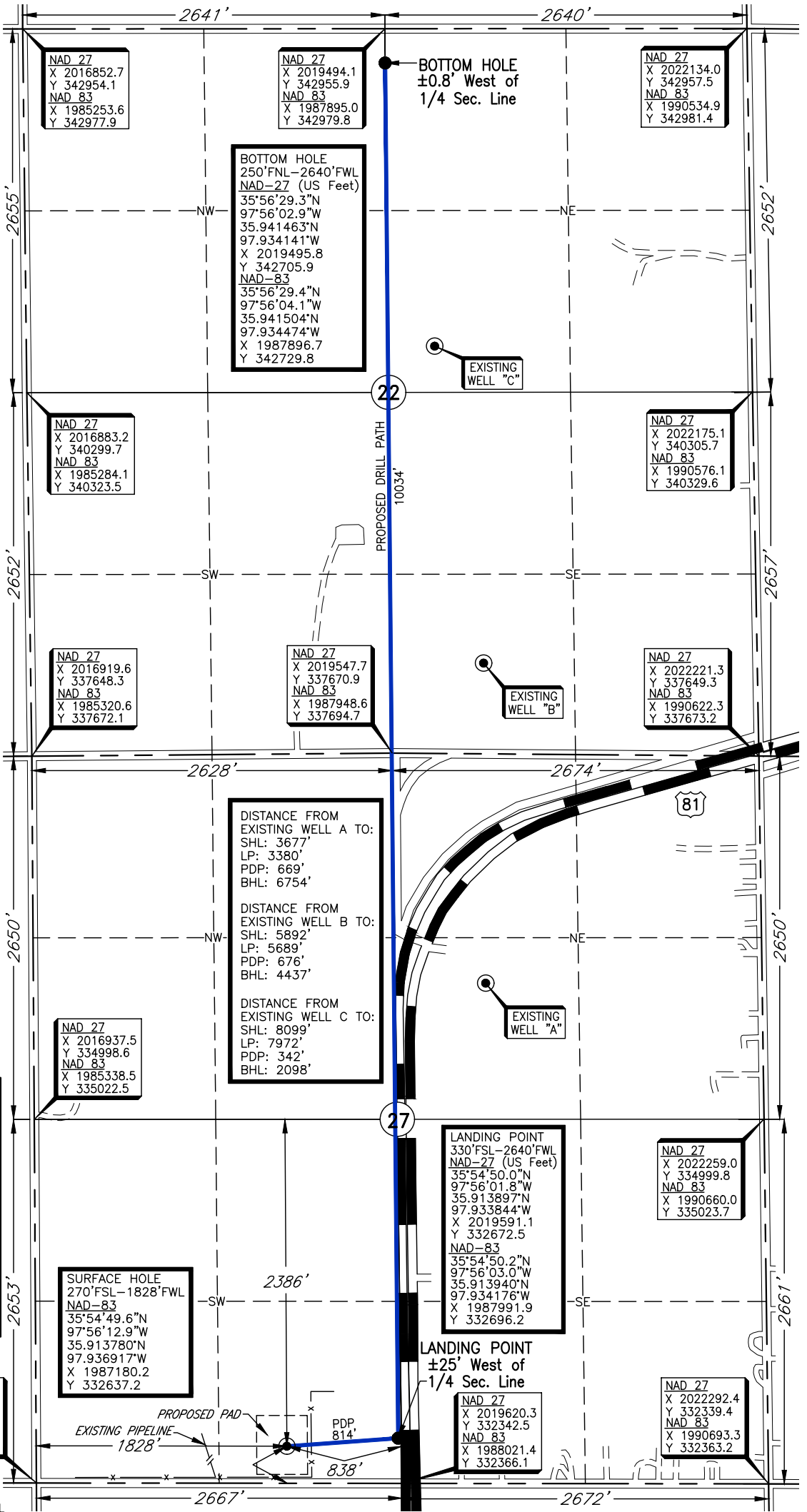


Operator: TAPSTONE ENERGY, LLC  
Lease Name: BEVERLY 27-17-7  
Topography & Vegetation Location fell in terraced wheat field, E-W Fc. ±226' South, NW-SE Pipeline ±564' SW.  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set None  
Best Accessibility to Location From South off county road  
Distance & Direction from Hwy Jct or Town The Jct. of U.S. Hwy. 81 and E-W 760 county road is the S/4 Corner of Section 27, T17N - R7W.

ELEVATION:  
1069' Gr. at Stake (NAVD88)  
1069' Gr. at Stake (NGVD29)

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

DATUM: NAD-27  
LAT: 35°54'49.4"N  
LONG: 97°56'11.7"W  
LAT: 35.913736°N  
LONG: 97.936586°W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK NORTH  
X: 2018779.1  
Y: 332613.3



Date of Drawing: July 29, 2021  
Project # 126994A Date Staked: September 27, 2018 TR

CERTIFICATE:

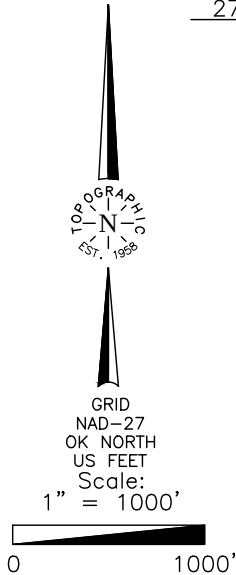
I, Thomas L. Howell an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors, do hereby certify to the information shown herein

Thomas L. Howell  
Oklahoma Lic. No. 1433





270'FSL - 1828'FWL Section 27 Township 17N Range 7W I.M.

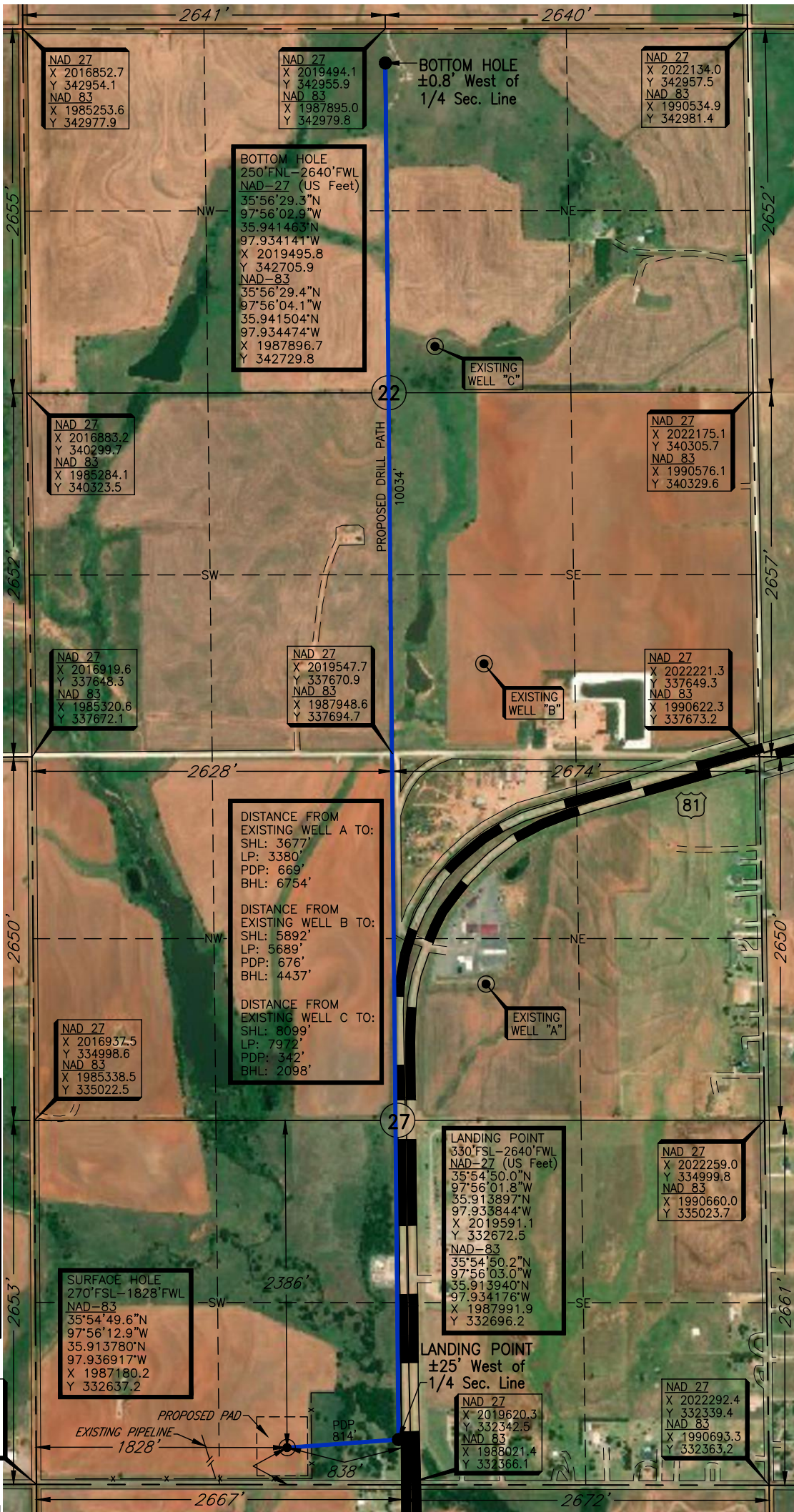


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**ELEVATION:**  
1069' Gr. at Stake (NAVD88)  
1069' Gr. at Stake (NGVD29)  
NAD 27  
X 2016953.0  
Y 332345.7  
NAD 83  
X 1985353.7  
Y 332369.6

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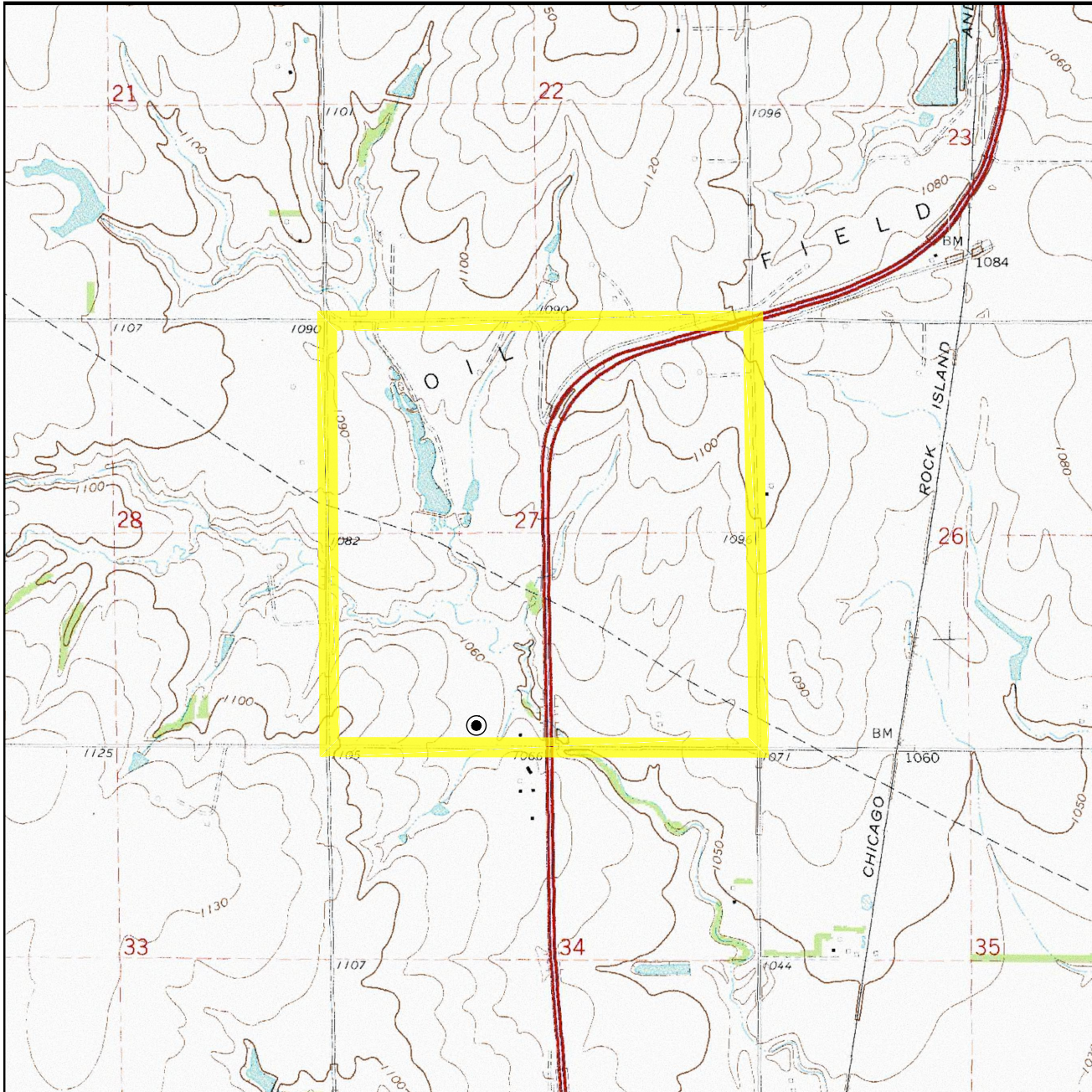




# TOPOGRAPHIC LAND SURVEYORS

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. 27 Twp. 17N Rng. 7W IM

County KINGFISHER State OK

Operator TAPSTONE ENERGY, LLC

Description 270'FSL - 1828'FWL

Lease BEVERLY 27-17-7 2HC

Elevation 1069' Gr. at Stake (NAVD88)  
1069' 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

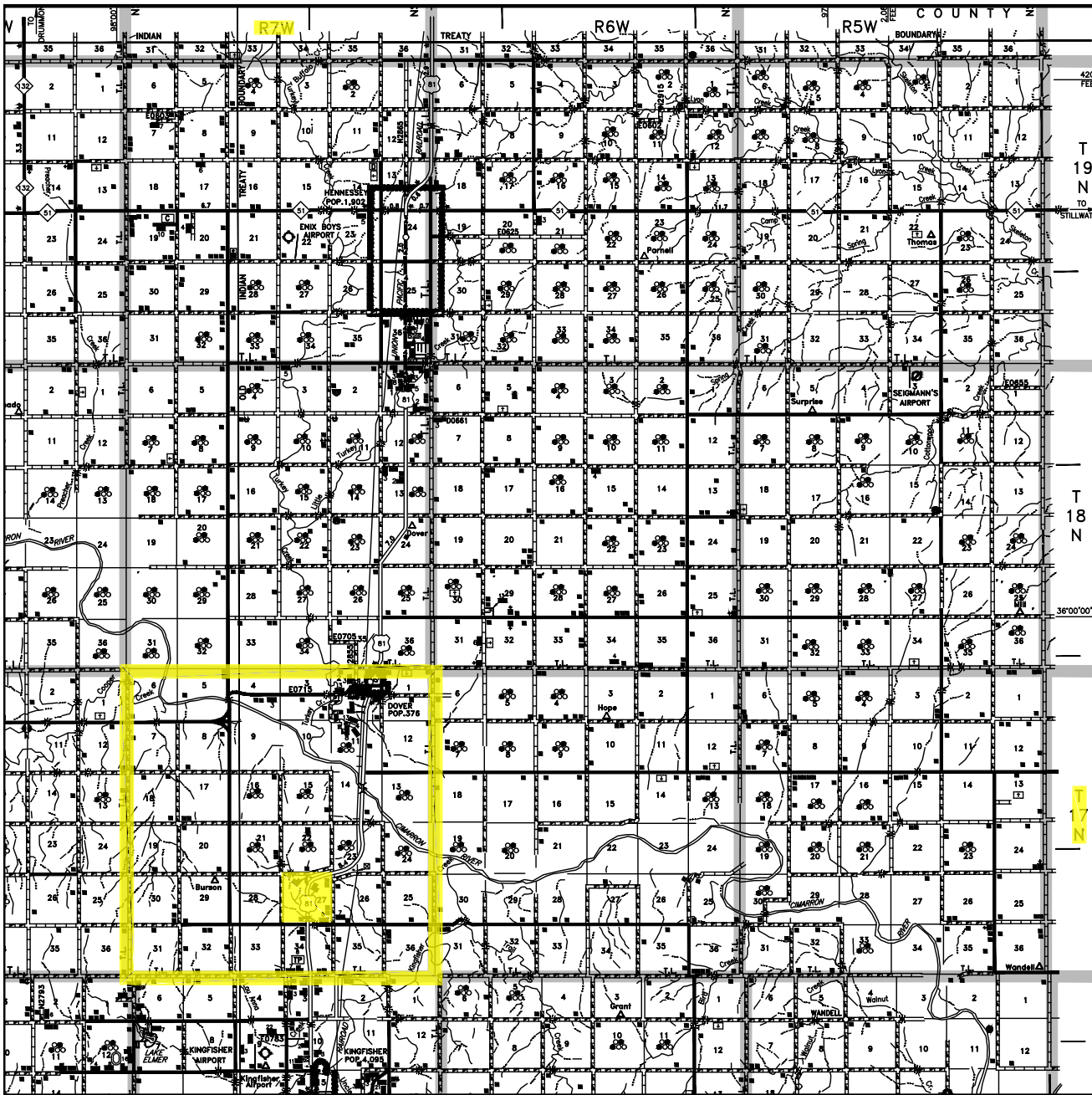
13800 WIRELESS WAY • OKLAHOMA CITY, OKLAHOMA 73134  
TELEPHONE: (405) 843-4847 OR (800) 654-3219  
CERTIFICATE OF AUTHORIZATION NO. 1292 LS  
WWW.TOPOGRAPHIC.COM

September 27, 2018

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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 27 Twp. 17N Rng. 7W IM

County KINGFISHER State OK

Operator TAPSTONE ENERGY, LLC

 **TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY  
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T 17 N - R 7 W

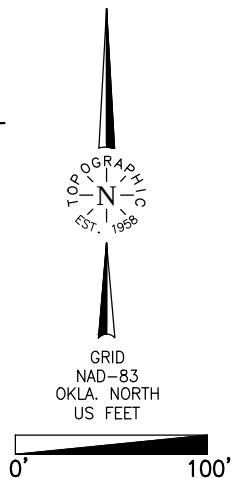
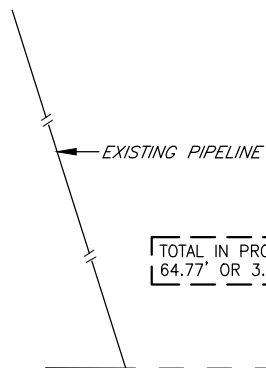
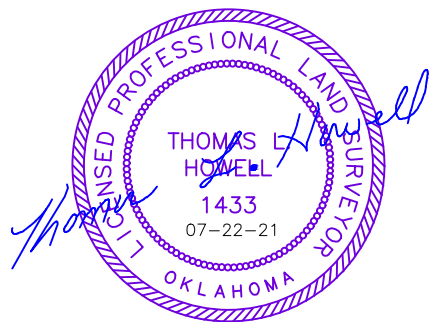
(INDIAN MERIDIAN)

SECTION 27  
SW/4

- (A) BEVERLY 27-17-7 1HC  
NAD-83  
300'FSL - 1828'FWL  
ELEV: 1070' (STAKE)  
X 1987180.2  
Y 332667.4  
LAT.: 35.913863°N  
LONG: 97.936917°W
- (B) BEVERLY 27-17-7 2HC  
NAD-83  
270'FSL - 1828'FWL  
ELEV: 1069' (STAKE)  
X 1987180.2  
Y 332637.2  
LAT.: 35.913780°N  
LONG: 97.936917°W
- (C) BEVERLY 27-17-7 3HC  
NAD-83  
240'FSL - 1828'FWL  
ELEV: 1069' (STAKE)  
X 1987180.4  
Y 332607.3  
LAT.: 35.913697°N  
LONG: 97.936916°W

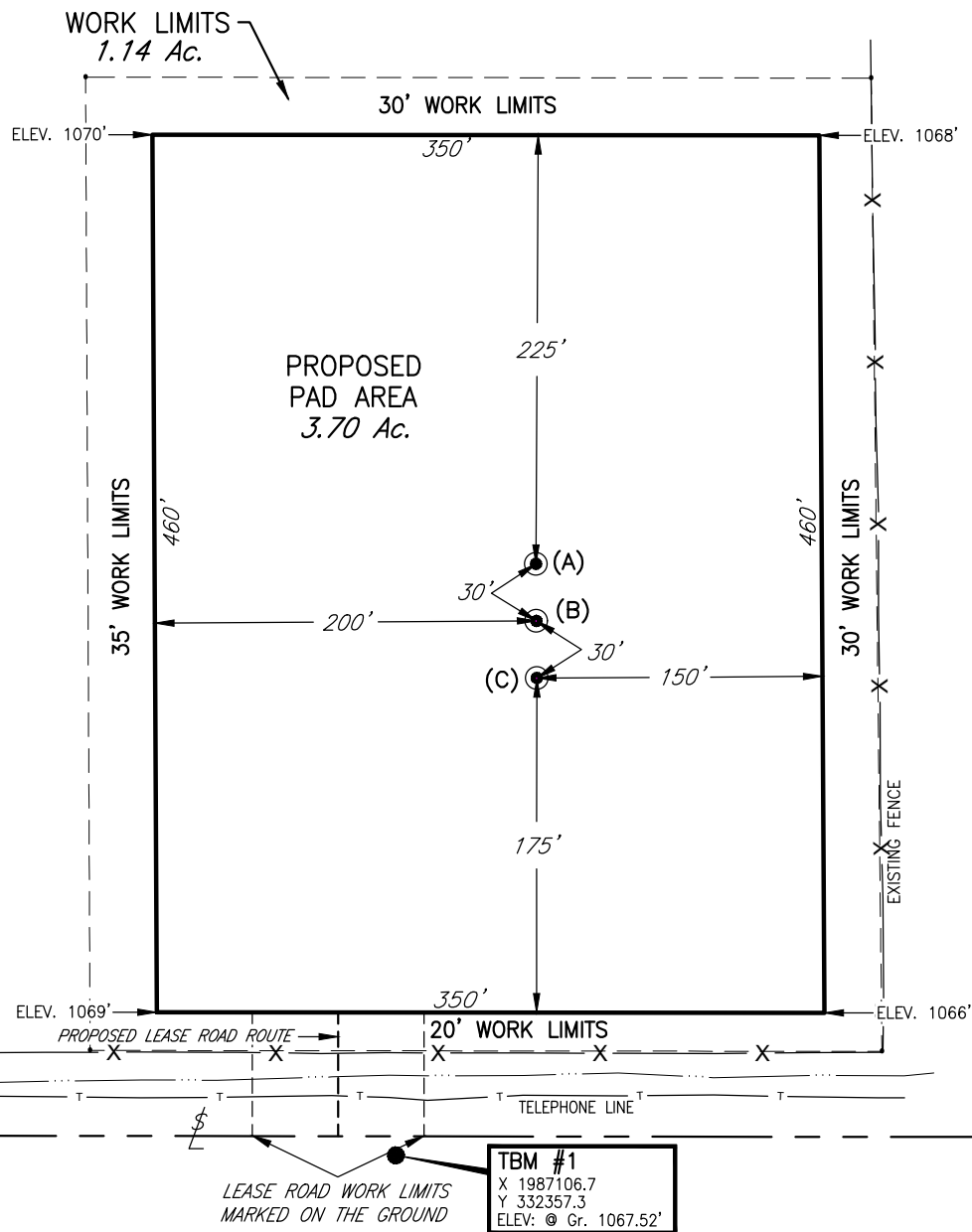
PLAT SHOWING

PROPOSED PAD AND LEASE ROAD FOR THE  
BEVERLY 27-17-7 PAD IN THE  
SW/4 OF SECTION 27, T17N - R7W  
KINGFISHER COUNTY, OKLAHOMA



TOTAL IN PROPOSED LEASE ROAD  
64.77' OR 3.93 RODS

TBM #2  
X 1986650.9  
Y 332328.9  
ELEV: @ Gr. 1073.33'



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.

3	REVISED OPERATOR NAME	7-21-21	TR
2	REVISED WELL NAMES	9-12-19	RKM
NO.	REVISION	DATE	BY
SURV. BY:		JF 9-27-18	
DRAWN BY:		RKM	
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:	6-3-19
FILE:	L41951A1.DWG
PROJECT NO.:	126994
DWG NO.:	103085-L4-1951-A1
SHEET	1 OF 3



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 8/21/2019; the survey was completed on 8/21/2019; 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.

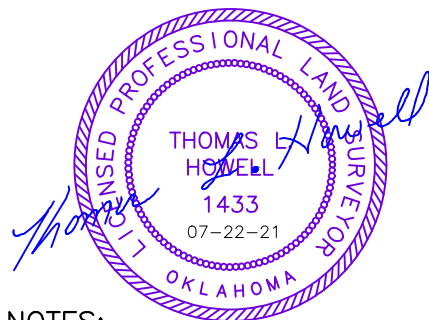
#### CONTROL SURVEY CERTIFICATION

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:

- All horizontal coordinate values are shown in U.S. Survey feet and all vertical elevation values are shown in feet.
- 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.
- All bearings are based on State Plane Coordinates, Oklahoma North Line 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.
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PLAT SHOWING  
EXISTING CONTOURS OF A  
PROPOSED PAD AND LEASE ROAD FOR THE  
BEVERLY 27-17-7 PAD IN THE  
SW/4 OF SECTION 27, T17N - R7W  
KINGFISHER COUNTY, OKLAHOMA



GRID  
NAD-83  
OKLA. NORTH  
US FEET

0' 100'

EXISTING PIPELINE

**TBM #2**  
X 1986650.9  
Y 332328.9  
ELEV: @ Gr. 1073.33'

TOTAL IN PROPOSED LEASE ROAD  
64.77' OR 3.93 RODS

LEASE ROAD WORK LIMITS  
MARKED ON THE GROUND

**TBM #1**  
X 1987106.7  
Y 332357.3  
ELEV: @ Gr. 1067.52'

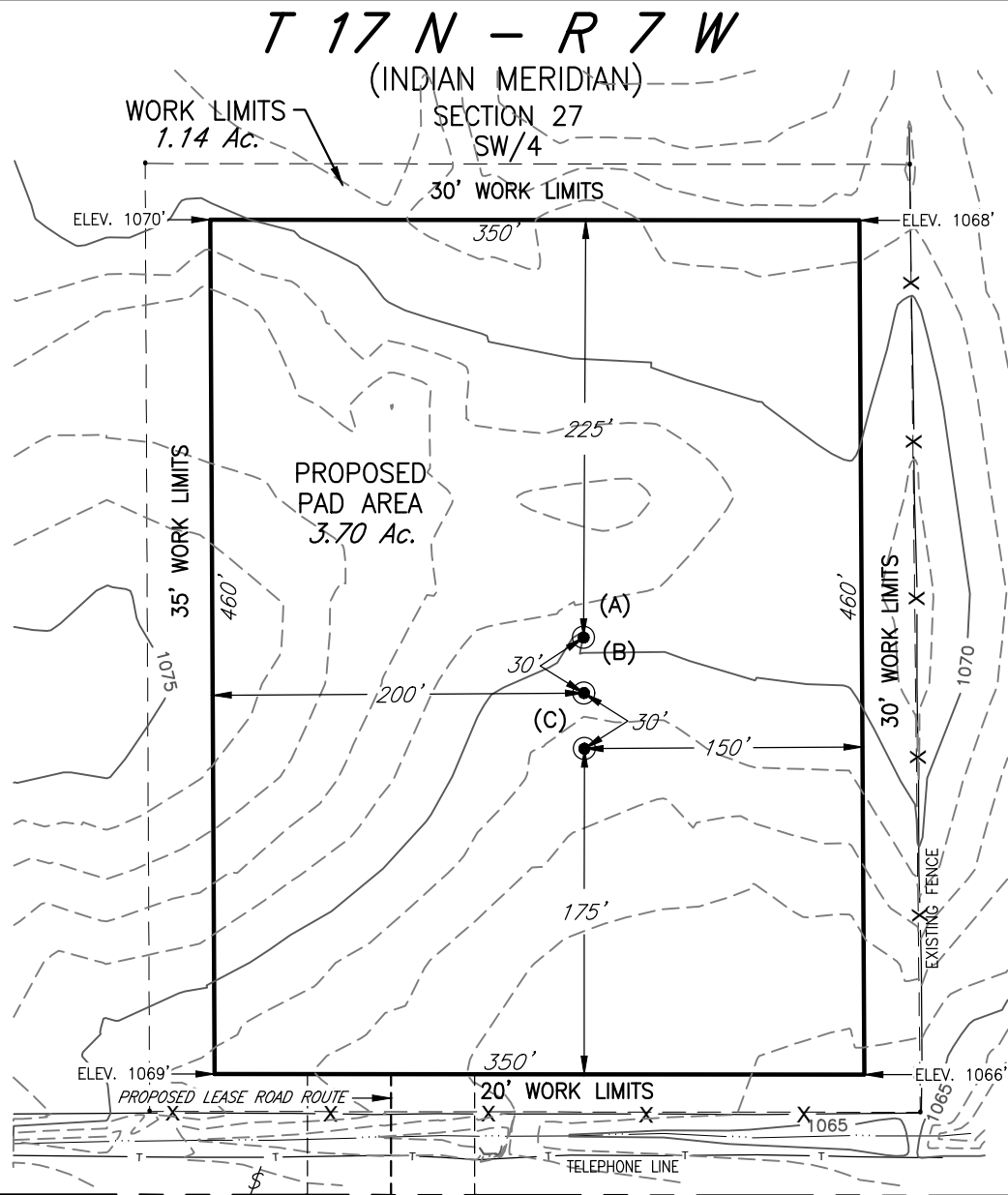
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DRAWN BY:	RKM		
APPROVED BY:	TH		

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SHEET	2 OF 3



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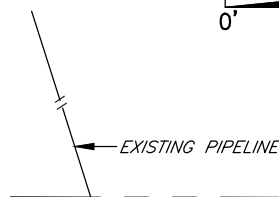
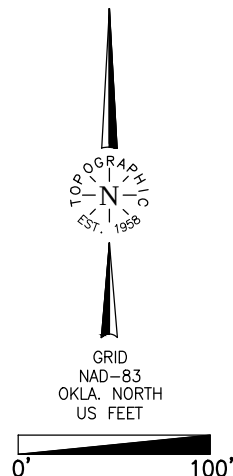
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LAT.: 35.913780°N  
LONG: 97.936917°W
- (C) BEVERLY 27-17-7 3HC  
NAD-83  
240' FSL - 1828' FWL  
ELEV: 1069' (STAKE)  
X 1987180.4  
Y 332607.3  
LAT.: 35.913697°N  
LONG: 97.936916°W



**TBM #2**  
X 1986650.9  
Y 332328.9  
ELEV: @ Gr. 1073.33'

TOTAL IN PROPOSED LEASE ROAD  
64.77' OR 3.93 RODS

T 17 N - R 7 W

(INDIAN MERIDIAN)

SECTION 27  
SW/4

WORK LIMITS  
1.14 Ac.

30' WORK LIMITS

PROPOSED  
PAD AREA  
3.70 Ac.

#### PAD REPORT

TOP OF PAD ELEVATION: 1069.9211  
CUT SLOPE: 50.00% 2.000:1 26.57'  
FILL SLOPE: 33.33% 3.000:1 18.43'  
BALANCE TOLERANCE (C.Y.): 0.00  
CUT SWELL FACTOR: 1.00  
FILL SHRINK FACTOR: 1.00  
**PAD EARTHWORK VOLUMES**  
CUT : 137,189.1 C.F., 5,081.08 C.Y.  
FILL: 137,189.1 C.F., 5,081.08 C.Y.  
AREA: 169467.5 SQ.FT., 3.890 ACRES

**TBM #1**  
X 1987106.7  
Y 332357.3  
ELEV: @ Gr. 1067.52'

LEASE ROAD WORK LIMITS  
MARKED ON THE GROUND

#### NOTES:

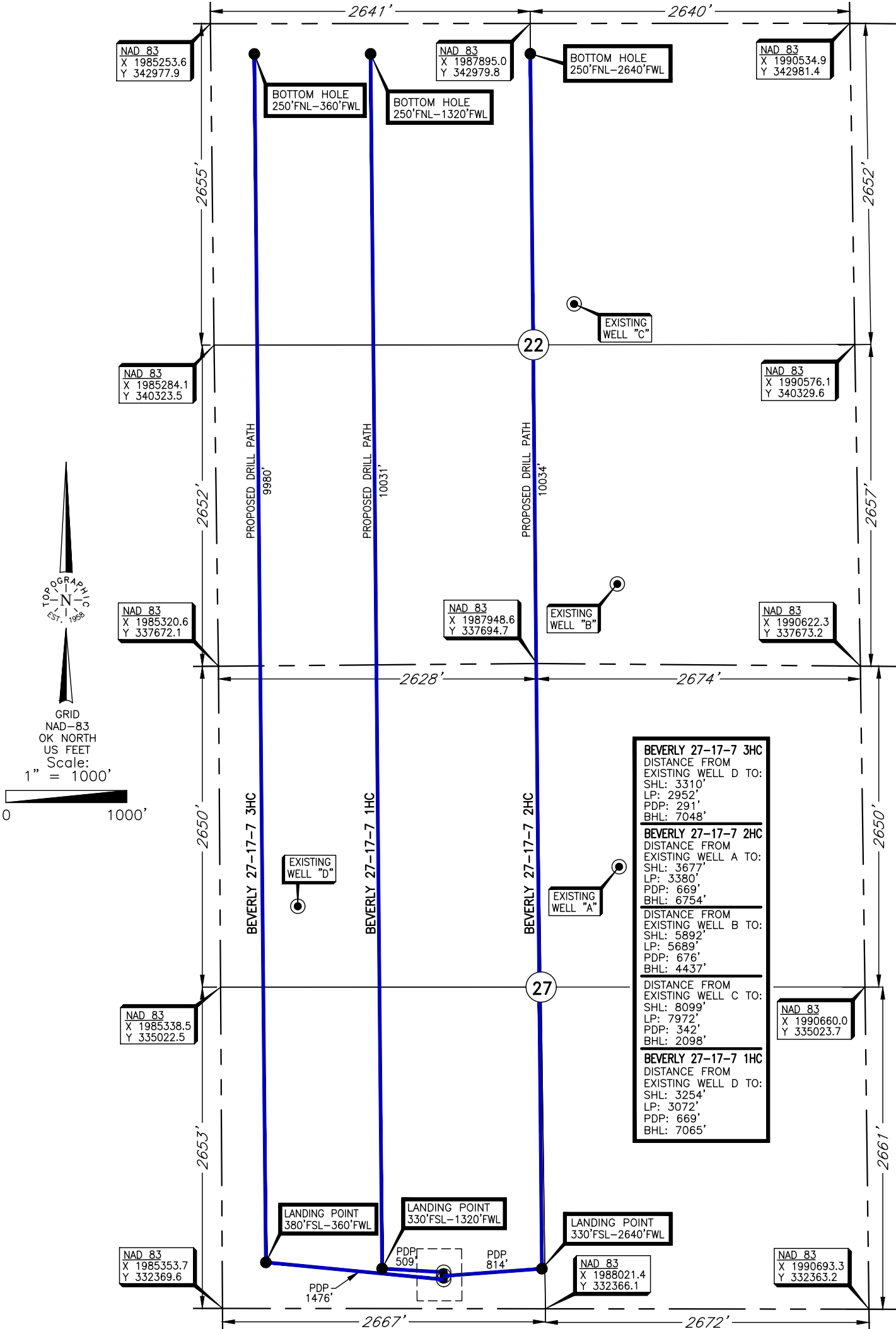
- THE INFORMATION SHOWN HEREIN IS NAD-83 COORDINATE SYSTEM AND NAVD-88 ELEVATIONS.
- THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY.
- WORKING LIMITS ARE MARKED ON THE GROUND.

3	REVISED OPERATOR NAME	7-21-21	TR
2	REVISED WELL NAMES	9-12-19	RKM
NO.	REVISION	DATE	BY
SURV. BY:	JF	9-27-18	
DRAWN BY:	RKM		
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:	6-3-19
FILE:	L41951A3.DWG
PROJECT NO.:	126994
DWG NO.:	103085-L4-1951-A3
SHEET	3 OF 3

County, Oklahoma  
Section 27 Township 17N Range 7W I.M.



(A) BEVERLY 27-17-7 1HC  
SHL: 300'FSL - 1828'FWL  
(B) BEVERLY 27-17-7 2HC  
SHL: 270'FSL - 1828'FWL  
(C) BEVERLY 27-17-7 3HC  
SHL: 240'FSL - 1828'FWL

**EXHIBITION PLAT**

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

**PAD INSERT  
NO SCALE**

PAD EDGE

225'

150'

(A)

(B)

(C)

200'

30'

175'

PAD EDGE

PAD EDGE