

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

API NUMBER: 049 25204

Approval Date: 06/07/2018  
Expiration Date: 12/07/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 4N Rge: 4W County: GARVIN  
SPOT LOCATION:  NW  SE  SE  SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 365 340

Lease Name: CULEBRA Well No: 1-10-15WXH Well will be 340 feet from nearest unit or lease boundary.  
Operator Name: CASILLAS OPERATING LLC Telephone: 9185825310 OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC  
401 S BOSTON AVE STE 2400  
TULSA, OK 74103-4060

MIKE MANTOOTH  
14194 E. CR 1490  
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	9047	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 678180

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800572  
201800573

Special Orders:

Total Depth: 19690

Ground Elevation: 970

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 270

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

**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 ALLUVIAL

Pit Location Formation: ALLUVIUM

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 18-34622

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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 15 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 8855

Radius of Turn: 382

Direction: 181

Total Length: 10235

Measured Total Depth: 19690

True Vertical Depth: 9781

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

Notes:

Category

Description

DEEP SURFACE CASING

6/1/2018 - 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

HYDRAULIC FRACTURING

6/1/2018 - 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)

MEMO

6/1/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201800572

6/5/2018 - G57 - (I.O.) 10 & 15-4N-4W  
EST MULTIUNIT HORIZONTAL WELL  
X678180 WDFD  
50% 10-4N-4W  
50% 15-4N-4W  
CASILLAS PETROLEUM RESOURCE PARTNERS, LLC.  
REC 4-19-2018 (JOHNSON)

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.

Category	Description
PENDING CD - 201800573	6/5/2018 - G57 - (I.O.) 10 & 15-4N-4W X678180 WDFD COMPL. INT. (10-4N-4W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (15-4N-4W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC 4-19-2018 (JOHNSON)
SPACING - 678180	6/5/2018 - G57 - (640)(HOR) 10 & 15-4N-4W EXT OTHER EXT 658227 WDFD, OTHER EST OTHER POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST WITH SP. ORDER #286673 WDFD 10 & 15-4N-4W)

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Y= 551497

X= 2120633  
Y= 548852

X= 2120645  
Y= 546207

X= 2120665  
Y= 543580

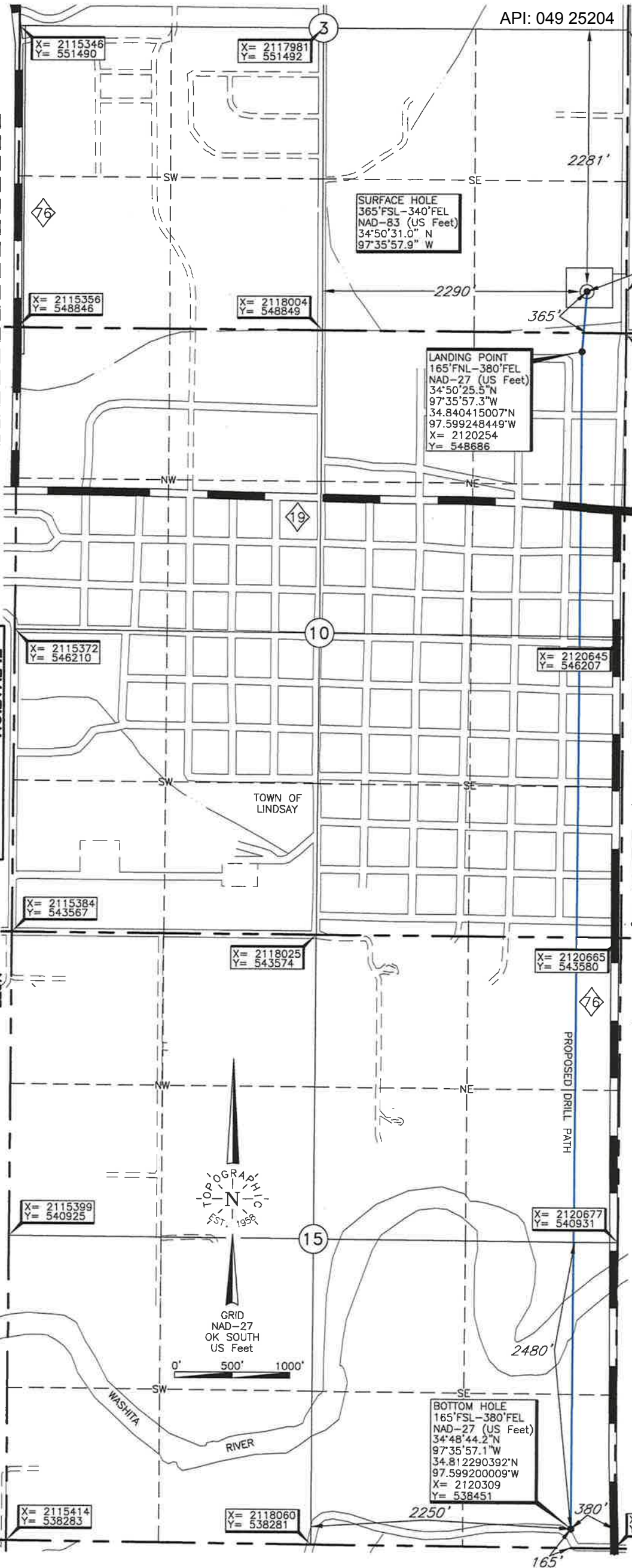
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Y= 540931

X= 2120690  
Y= 538286

X= 2120690  
Y= 538286

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219  
GARVIN Certificate of Authorization No. 1293 LS  
County, Oklahoma  
Section 3 Township 4N Range 4W 1.M.

**TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA**



[LANDING POINT, BOTTOM HOLE, AND DRILL PATH INFORMATION] PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

**ELEVATION:**  
970' Gr. at Stake NGVD29  
970' Gr. at Stake NAVD88

**NOTE:**  
The information shown herein is for construction purposes ONLY.

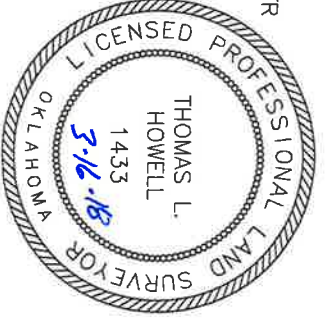
Operator: CASILLAS OPERATING, LLC  
Lease Name: CULEBRA  
Topography & Vegetation Loc. fell in level plowed corn field.  
Good Drill Site? Yes  
Reference Stakes or Alternate Location Stakes Set None

Best Accessibility to Location From East off county road.  
Distance & Direction From the Junction of St. Hwy. 19 and St. Hwy. 76 on the East side from Hwy Jct or Town  
of Lindsay, OK, go North on NE 4th St. for ±0.3 miles to the SE Cor. of Sec. 3-T4N-R4W.

DATUM: NAD-27  
LAT: 34°50'30.7"N  
LONG: 97°35'56.8"W  
LAT: 34.841870882°N  
LONG: 97.599116937°W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2120291  
Y: 549216

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

Date of Drawing: Mar. 16, 2018  
Invoice # 290737 Date Staked: Jan. 30, 2018  
**CERTIFICATE:**  
I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.  
Thomas L. Howell  
Oklahoma Lic. No. 1433

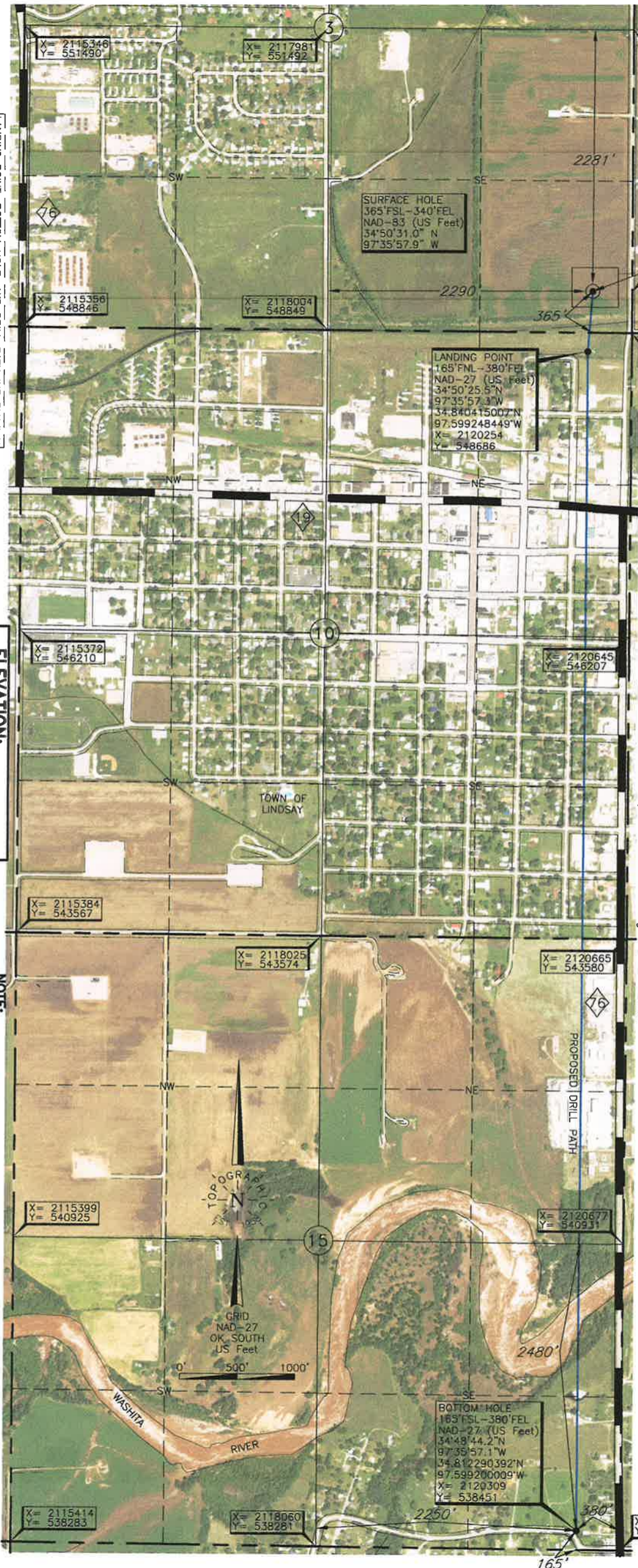




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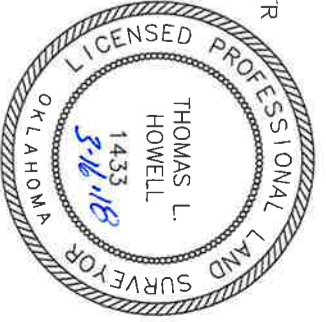
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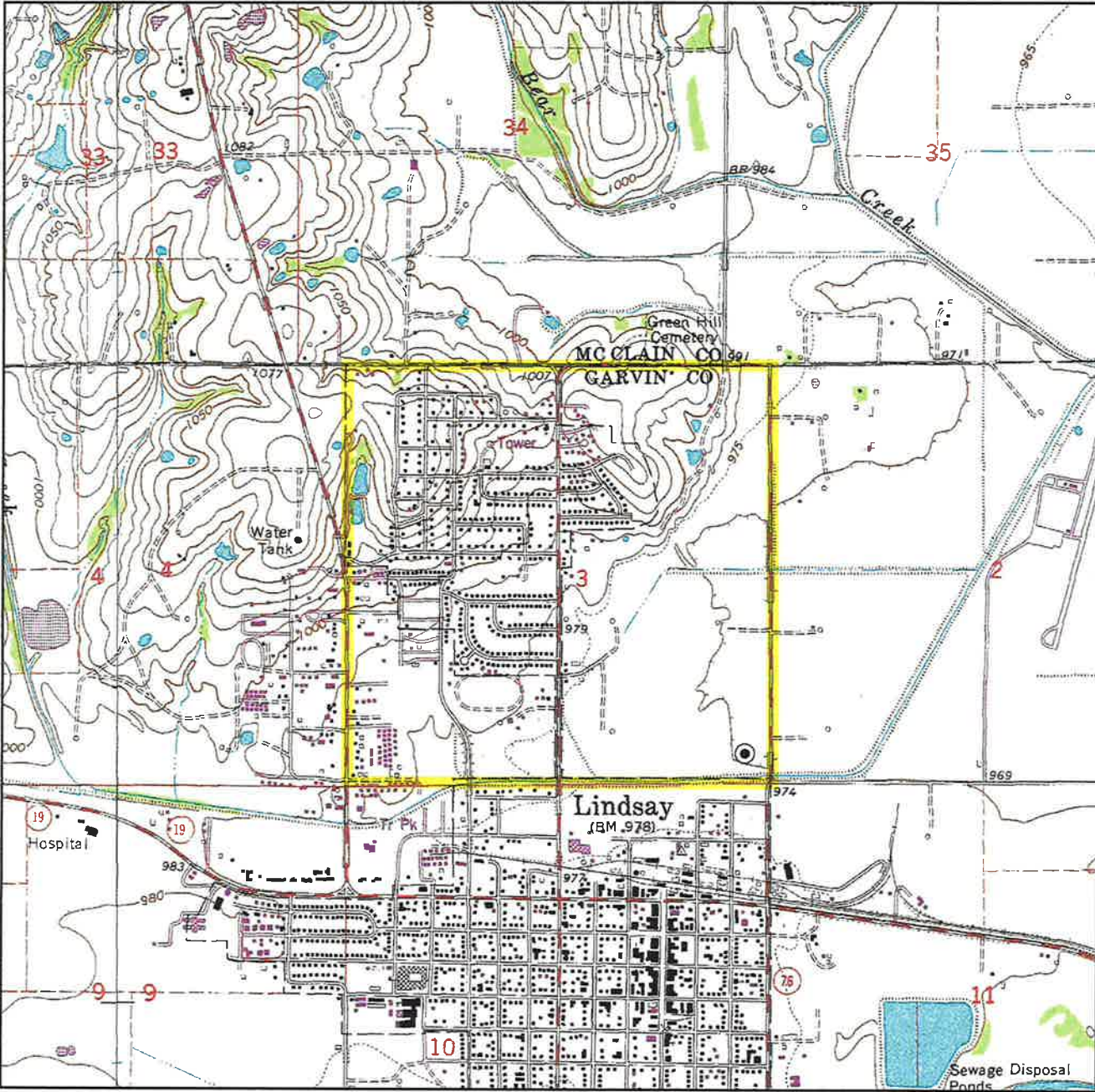




# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 3 Twp. 4N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 365' FSL-340' FEL

Lease CULEBRA 1-10-15WXH

Elevation 970' Gr. at Stake NGVD29  
970' Gr. at Stake NAVD88

U.S.G.S. Topographic  
Quadrangle Map LINDSAY, OK

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.



LAND SURVEYORS OF OKLAHOMA

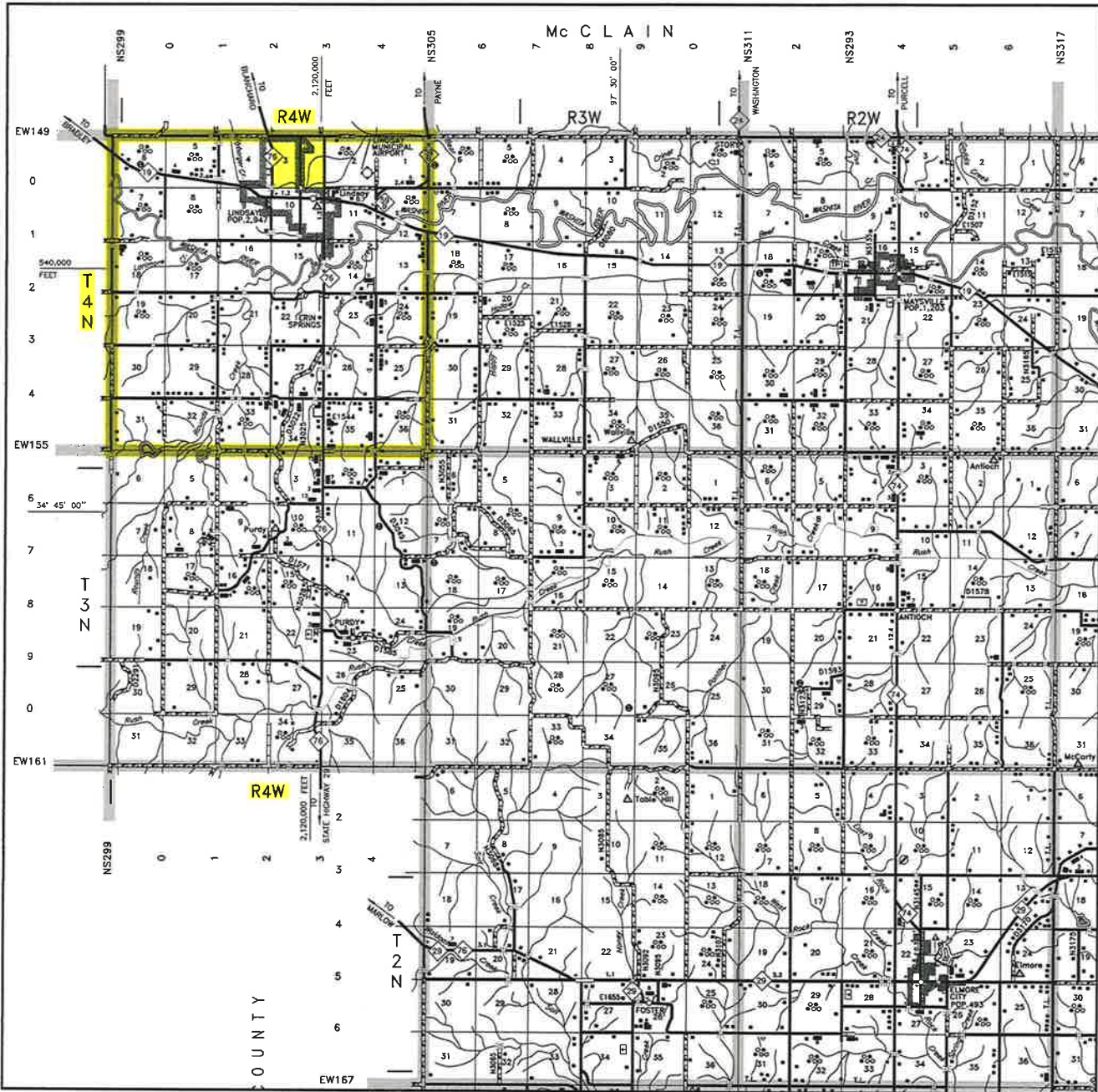
Jan. 30, 2018



# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 3 Twp. 4N Rng. 4W IM

County GARVIN State OK

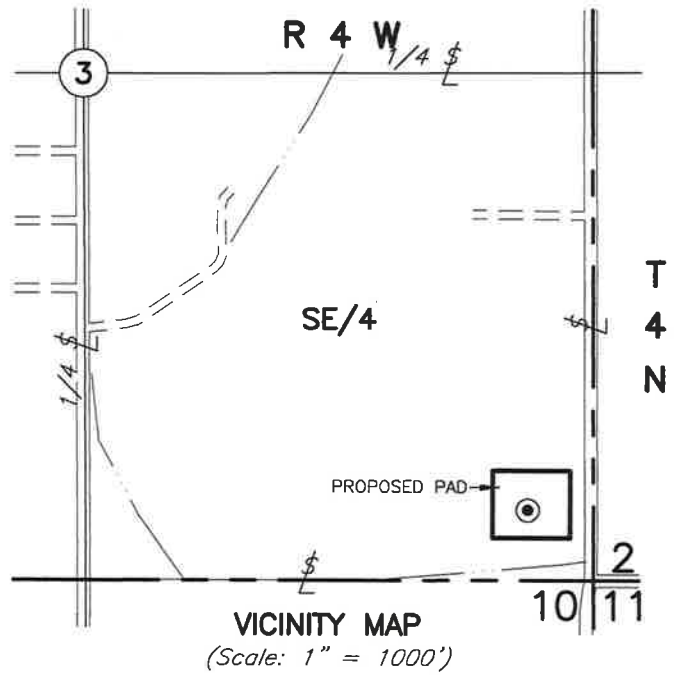
Operator CASILLAS OPERATING, LLC



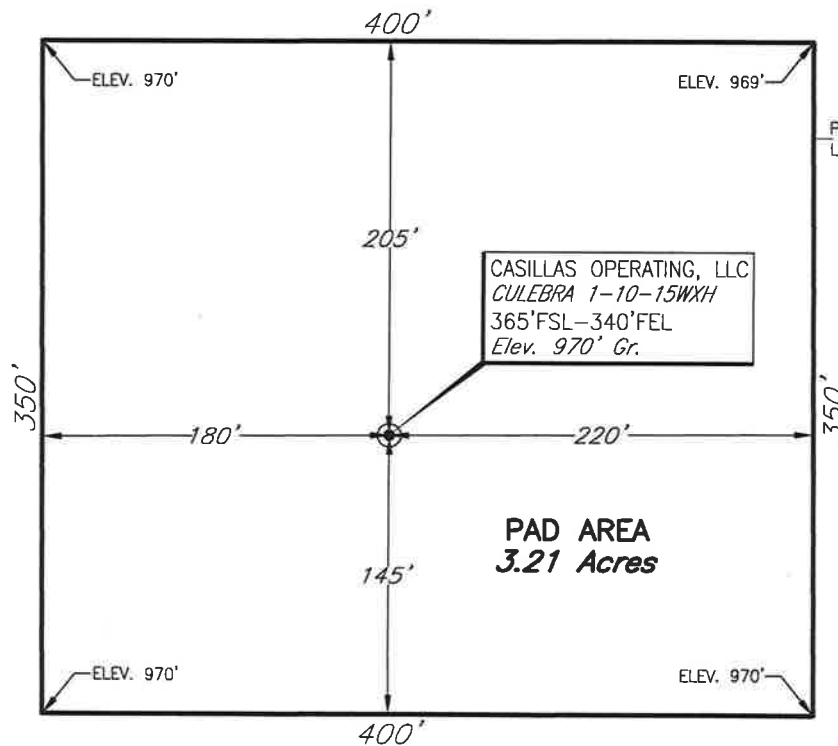
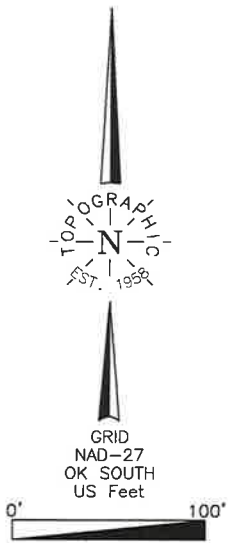
LAND SURVEYORS OF OKLAHOMA

# T 4 N - R 4 W (INDIAN MERIDIAN)

PLAT SHOWING  
PROPOSED PAD AREA IN THE  
SE/4 OF SECTION 3, T4N - R4W  
GARVIN COUNTY, OKLAHOMA



## SECTION 3 SE/4



**NOTE:**

The information shown herein is for construction purposes ONLY.

				This plat was prepared exclusively for		SCALE: 1"=100'	
				<b>CASILLAS OPERATING, LLC</b>		DATE: 2/5/18	
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 287466	
NO.	REVISION	DATE	BY	SURVEYING AND MAPPING BY <b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b> 13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847 Certificate of Authorization No. 1293 LS		FILE NAME: L2114A.DWG	
SUR. BY:	JM	1/30/18				DWG NO.: 103039-L2-114-A	
DRAWN BY:	TR					SHEET 1 OF 1	
APPROVED BY:	TH						