

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

API NUMBER: 049 25227

Approval Date: 10/11/2018

Expiration Date: 04/11/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 4N Rge: 4W

County: GARVIN

SPOT LOCATION: ☐ NE ☐ SW ☐ SW ☐ NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2253 372

Lease Name: PRAIRIE

Well No: 1-33-28WXH

Well will be 372 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

LYNN AND ANN ROLEN  
PO BOX 874  
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	12487	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 616916  
665681

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802367  
201802368

Special Orders:

Total Depth: 20400

Ground Elevation: 1008

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 300

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: 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 BED AQUIFER

Pit Location Formation: DUNCAN

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35495  
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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 BED AQUIFER

Pit Location Formation: DUNCAN

## HORIZONTAL HOLE 1

Sec 28 Twp 4N Rge 4W County GARVIN

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 11638

Radius of Turn: 563

Direction: 1

Total Length: 7878

Measured Total Depth: 20400

True Vertical Depth: 12487

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

### Notes:

#### Category

#### Description

DEEP SURFACE CASING

10/11/2018 - GA8 - 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

10/11/2018 - GA8 - 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)

PENDING CD - 201802367

10/11/2018 - G58 - (I.O.) 28 & 33-4N-4W  
EST MULTIUNIT HORIZONTAL WELL  
X616916 WDFD 28-4N-4W  
X665681 WDFD 33-4N-4W  
XOTHER  
78% 28-4N-4W  
22% 33-4N-4W  
NO OP. NAMED  
REC 9/25/2018 (DUNN)

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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.

049 25227 PRAIRIE 1-33-28WXH

Category	Description
PENDING CD - 201802368	10/11/2018 - G58 - (I.O.) 28 & 33-4N-4W X616916 WDFD 28-4N-4W X665681 WDFD 33-4N-4W XOTHER X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. 33-4N-4W NCT 1435' FNL, NCT 1435' FNL, NCT 0' FNL, NCT 330' FWL COMPL. INT. 28-4N-4W NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 9/25/2018 (DUNN)
SPACING - 616916	10/11/2018 - G58 - (640)(HOR) 28-4N-4W EST WDFD COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 350326 WDFD)
SPACING - 665681	10/11/2018 - G58 - (640)(HOR) 33-4N-4W EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 350325 WDFD)

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 WIRELESS WAY, OKLA. CITY, OKLA. 73134 \* LOCAL (405) 843-4847 \* OUT OF STATE (800) 654-3219

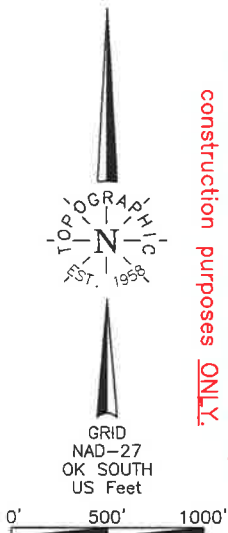
Certificate of Authorization No. 1293 LS

GARVIN

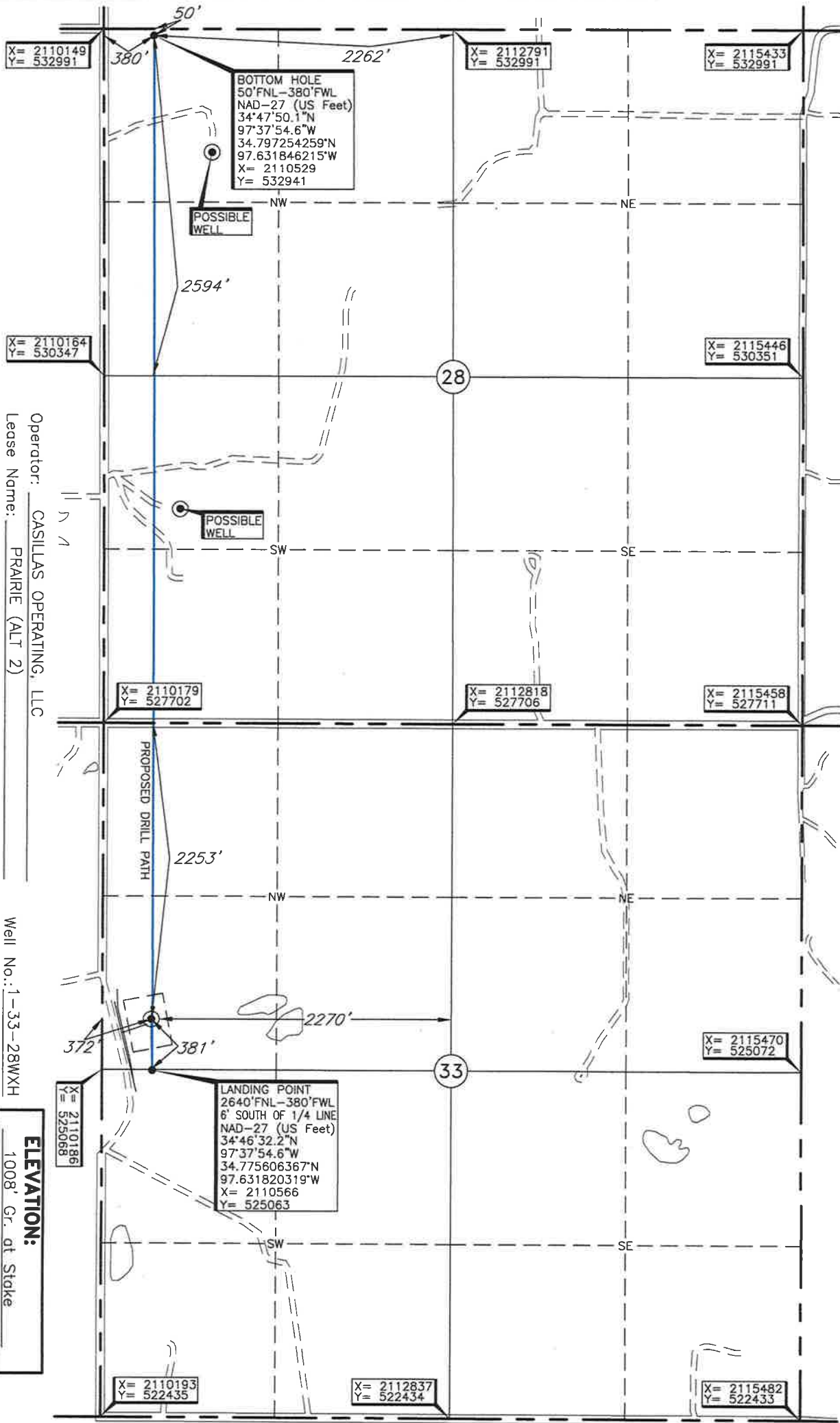
County, Oklahoma

049-25227

2253'FNL-372'FWL Section 33 Township 4N Range 4W I.M.



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



Operator: CASILLAS OPERATING, LLC  
Lease Name: PRAIRIE (ALT 2)  
Topography & Vegetation: Loc. fell in grass pasture, water line ±227' SW, abandoned pipeline ±25' South, power line ±241' SW.  
Well No.: 1-33-28WXH  
ELEVATION: 1008' Gr. at Stake

Good Drill Site? ☐ Yes ☐ No  
Reference Stakes or Alternate Location  
Stakes Set ☐ None

Best Accessibility to Location ☐ From West off county road.  
Distance & Direction ☐ From the junction of St. Hwy. 19 and St. Hwy. 76 in Lindsay, OK,  
from Hwy Jct or Town ☐ go South on St. Hwy. 76 for ±3.8 miles, then West ±2 miles to the NW Cor. of Sec. 33-T4N-R4W.

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

Date of Drawing: Mar. 21, 2018

Invoice # 290667

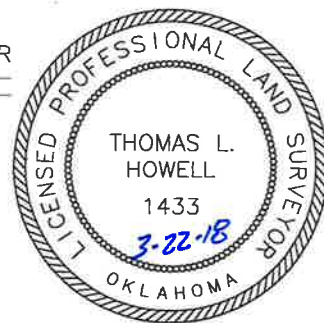
Date Staked: Mar. 20, 2018

TR

## CERTIFICATE:

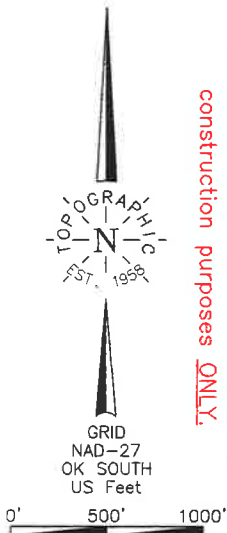
I, Thomas L. Howell, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein

*Thomas L. Howell*  
Oklahoma Lic. No. 1433

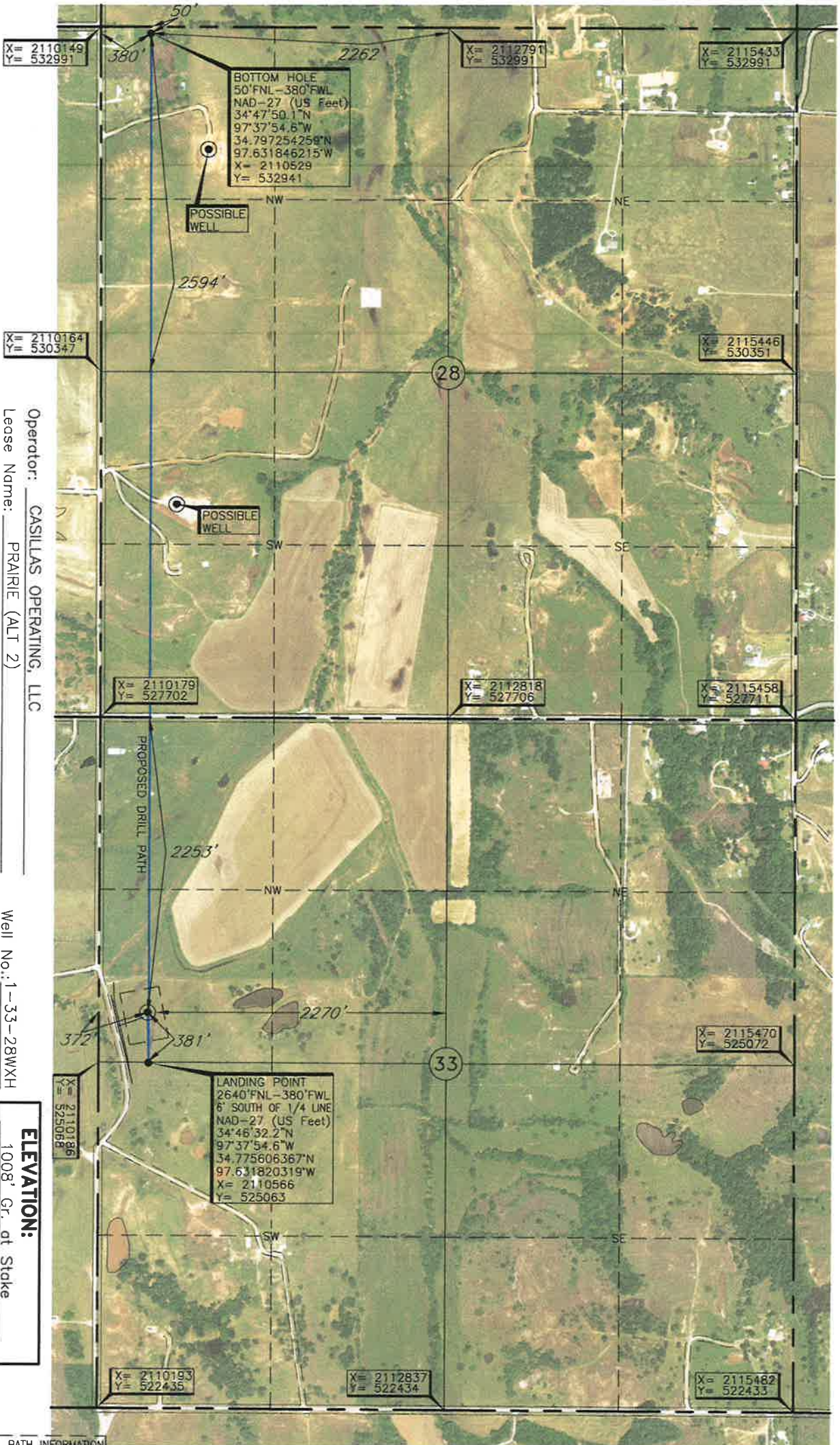


DATUM: NAD-27  
LAT: 34°46'36.0"N  
LONG: 97°37'54.7"W  
LAT: 34.776670548°N  
LONG: 97.631847230°W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2110556  
Y: 525450

2253'FNL-372'FWL Section 33 Township 4N Range 4W I.M.



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**ELEVATION:**  
1008' Gr. at Stake

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

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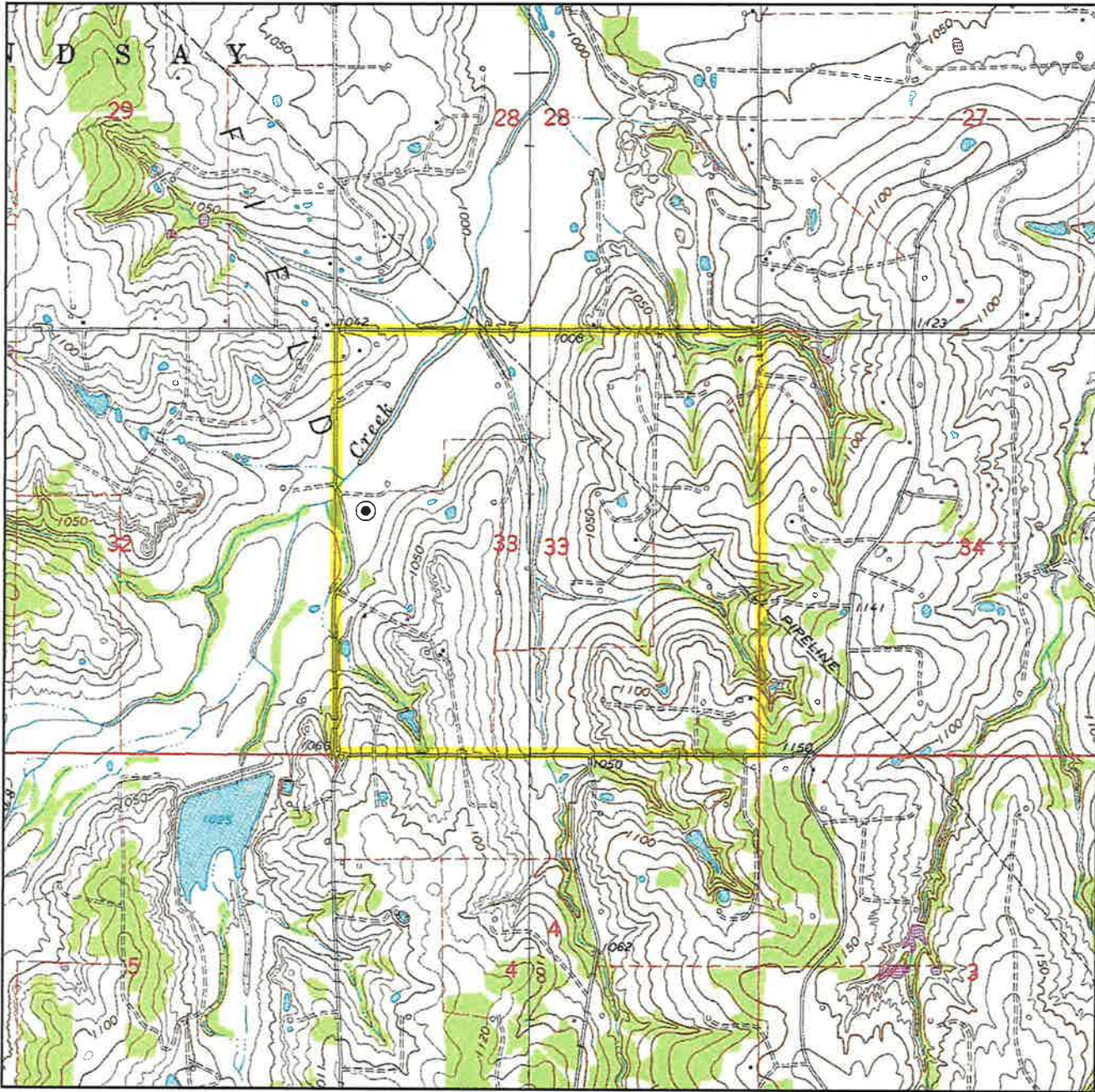
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

*Surveying and Mapping for the Energy Industry*

13800 Wireless Way, Oklahoma City, OK 73134 [www.topographic.com](http://www.topographic.com)

Telephone Numbers: Local (405) 843-4847 Toll Free (800) 654-3219

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 33 Twp. 4N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 2253'FNL-372'FWL

Lease PRAIRIE 1-33-28WXH (ALT 2)

Elevation 1008' Gr. at Stake

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.



**TOPOGRAPHIC**  
LOYALTY INNOVATION LEGACY

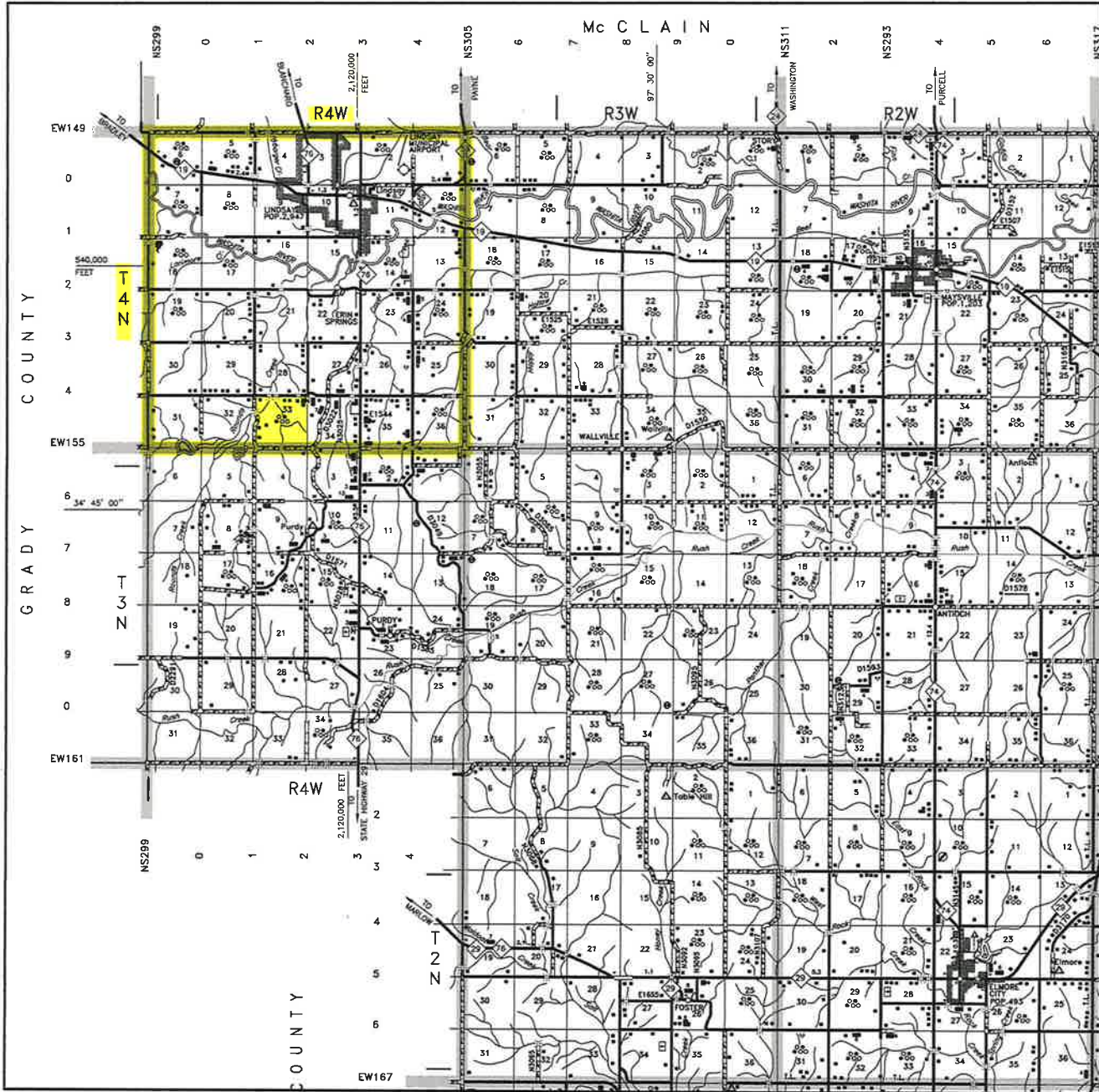
**LAND SURVEYORS OF OKLAHOMA**

Mar. 20, 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)  
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## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 33 Twp. 4N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC



LAND SURVEYORS OF OKLAHOMA

29 28  
32 33

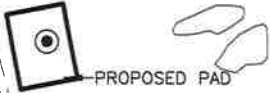
R 4 W

T 4 N - R 4 W  
(INDIAN MERIDIAN)

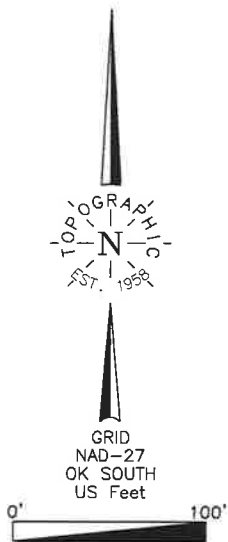
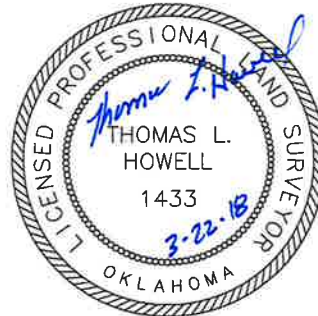
PLAT SHOWING  
PROPOSED PAD AREA IN THE  
NW/4 OF SECTION 33, T4N - R4W  
GARVIN COUNTY, OKLAHOMA

T  
4  
N

NW/4



VICINITY MAP  
(Scale: 1" = 1000')



**NOTE:**

The information shown herein is  
for construction purposes ONLY.

SECTION 33  
NW/4

CASILLAS OPERATING, LLC  
PRAIRIE 1-33-28 WXH (ALT 2)  
2253' FNL - 372' FWL  
Elev. 1008' Gr.

PAD AREA  
2.75 Acres

				This plat was prepared exclusively for		SCALE: 1"=100'
				<b>CASILLAS OPERATING, LLC</b>		DATE: 3/21/18
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 290667
				SURVEYING AND MAPPING BY		FILE NAME: L2115A.DWG
				<b>TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA</b>		DWG NO.: 103039-L2-115-A
				6709 N. Glassen, Okla. City, OK. 73116 (405) 843-4847		SHEET 1 OF 1
				Certificate of Authorization No. 1293 LS		
NO.	REVISION	DATE	BY			
SUR. BY:	TC	3/20/18				
DRAWN BY:	TR					
APPROVED BY:	TH					