

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

API NUMBER: 049 25195

Approval Date: 04/20/2018
Expiration Date: 10/20/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 25 Twp: 3N Rge: 3W

County: GARVIN

SPOT LOCATION: NE SW SW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 2300 340

Lease Name: APEX

Well No: 1-23-26WXH

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

MARK A. MCCASKILL
27598 EAST COUNTY ROAD 1660
ELMORE CITY OK 73433

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

Name	Depth	Name	Depth
1 WOODFORD	7610	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201700178
201801678
201801682
201801683

Special Orders:

Total Depth: 15410

Ground Elevation: 1063

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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: PURCELL

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

PERMIT NO: 18-34139

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 BED AQUIFER

Pit Location Formation: PURCELL

HORIZONTAL HOLE 1

Sec 23 Twp 3N Rge 3W County GARVIN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 7350

Radius of Turn: 528

Direction: 1

Total Length: 7231

Measured Total Depth: 15410

True Vertical Depth: 7610

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

Notes:

Category

Description

DEEP SURFACE CASING

4/18/2018 - 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

4/18/2018 - 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; 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

MEMO

4/18/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201700178

4/19/2018 - G58 - (640)(HOR) 26-3N-3W
EST WDFD, OTHERS
COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL
(COEXIST SP. ORDERS 401391; 401145; 406125; 416006; 417803; 426298; 426805; 417804;
WDFD)
REC 2/23/2018 (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 - 201801678	4/19/2018 - G58 - (640)(HOR) 23-3N-3W EST WDFD COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDERS 401930; 406245; 426381; 426612; 426782; 518200; WDFD) REC 3/27/208 (JOHNSON)
PENDING CD - 201801682	4/19/2018 - G58 - (I.O.) 23 & 26-3N-3W EST MULTIUNIT HORIZONTAL WELL X201700178 WDFD (26-3N-3W) X201801678 WDFD (23-3N-3W) 35% 23-3N-3W 65% 26-3N-3W NO OP. NAMED REC 3/27/2018 (JOHNSON)
PENDING CD - 201801683	4/19/2018 - G58 - (I.O.) 23 & 26-3N-3W X201700178 WDFD (26-3N-3W) X201801678 WDFD (23-3N-3W) X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO RICHARDSON 'B' 2-23 & BRADSHAW 'A' 3-26 WELL COMPL. INT. (26-3N-3W) NCT 1320' FSL, NCT 0' FNL, NCT 380' FEL COMPL. INT. (23-3N-3W) NCT 0' FSL, NCT 165' FNL, NCT 380' FEL NO OP. NAMED REC 3/27/2018 (JOHNSON)

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TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK. 73134 (405) 843-48477 * OUT OF STATE (800) 654-3219

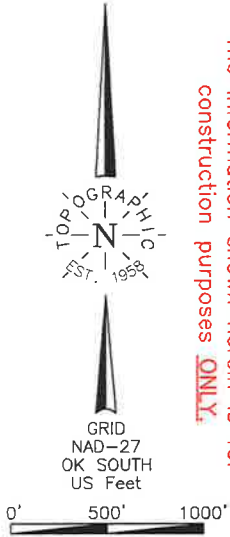
Certificate of Authorization No. 1293 LS

GARVIN

County, Oklahoma

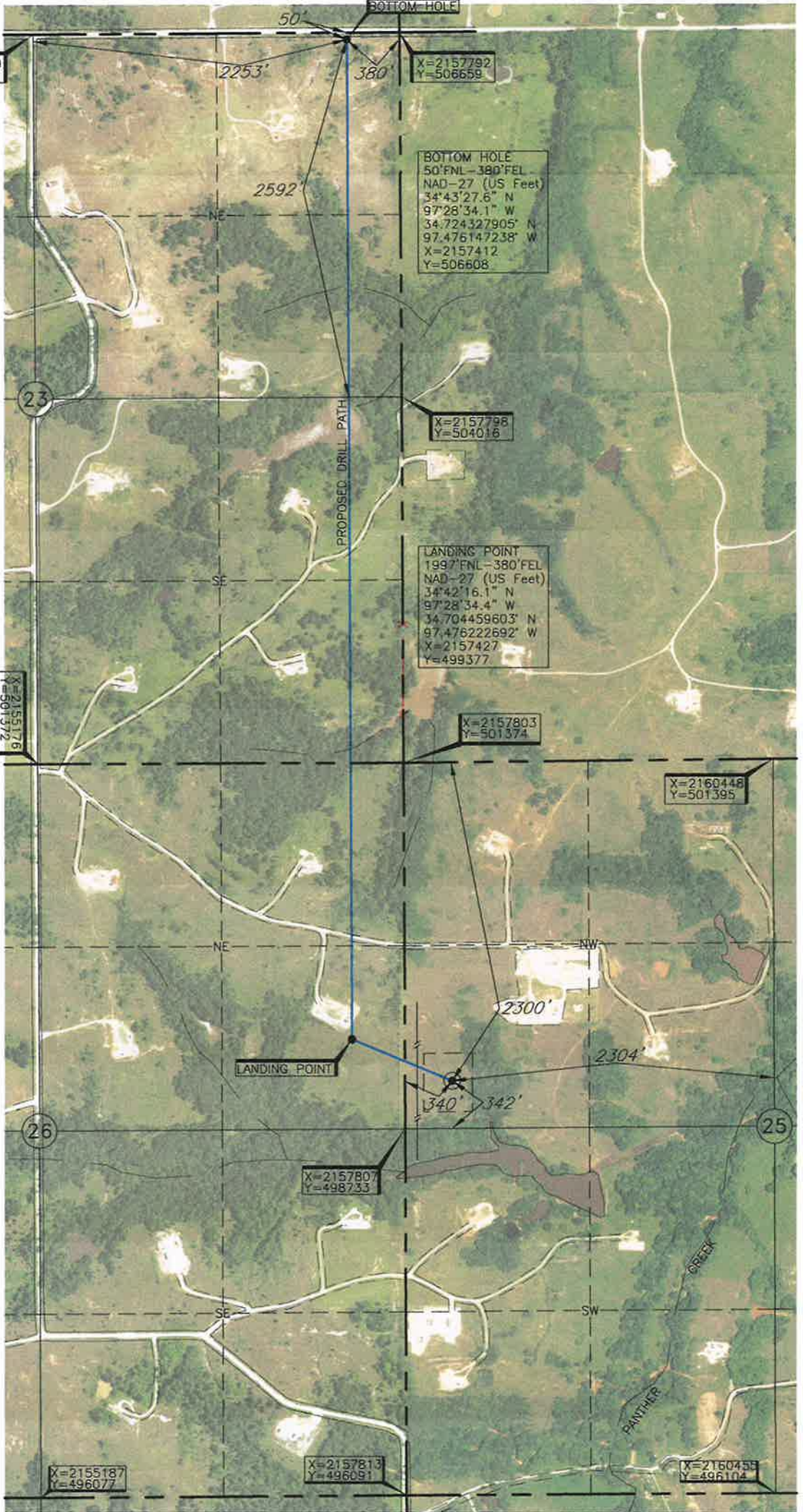
2300'FNL - 340'FWL Section 25 Township 3N Range 3W I.M.

049-25195



The information shown herein is for construction purposes ONLY.

NOTE:



Operator: CASILLAS OPERATING, LLC
 Lease Name: APEX
 Topography & Vegetation: Loc. fell in rough pasture with scattered brush, ±253' East of N-S pipeline
 Well No.: 1-26-23WXH
 ELEVATION: 1063' Gr. at Stake

Good Drill Site? Yes

Reference Stakes or Alternate Location
 Stakes Set None

Best Accessibility to Location: From North off lease road
 Distance & Direction: From Antioch, OK, go ±4.5 mi. West, then ±1.0 mi. South to a lease road East, then ±0.5 mi. East on lease road to the West Line of Sec. 25-T3N-R3W

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

Date of Drawing: Jan. 08, 2018

Invoice # 285661 Date Staked: Dec. 15, 2017

AC

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°42'13.0"N
 LONG: 97°28'25.8"W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2158147
 Y: 499077

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

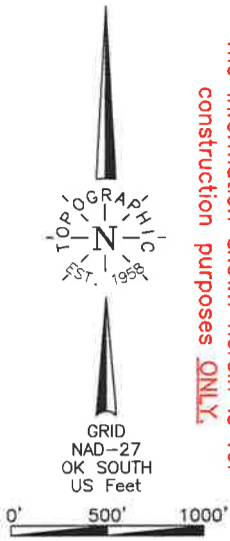
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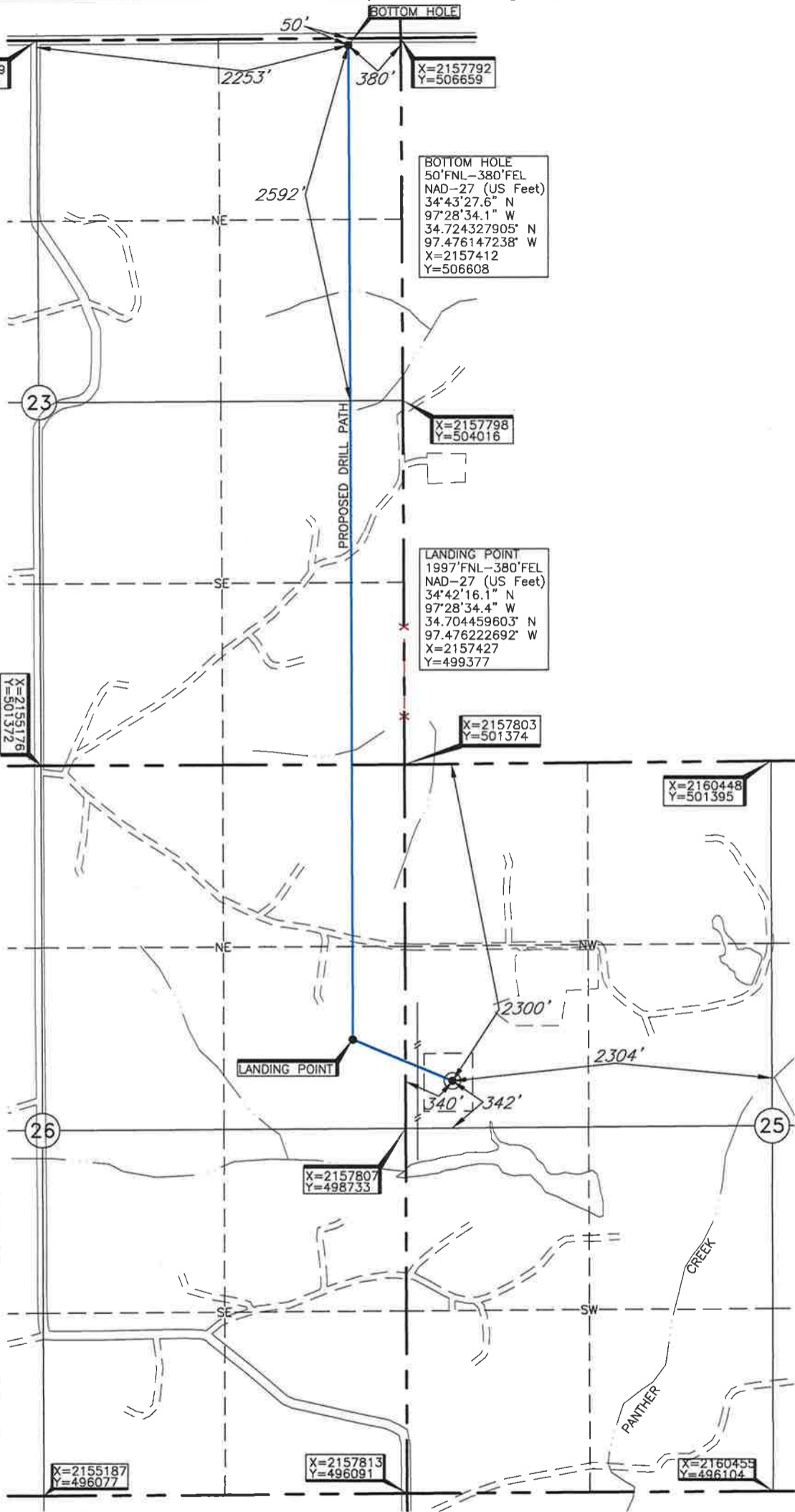
GARVIN

County, Oklahoma

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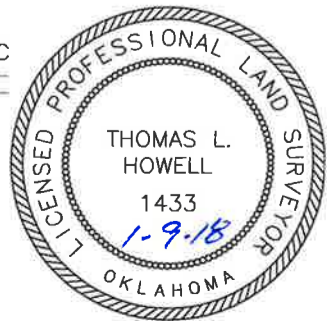
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Thomas L. Howell

Oklahoma Lic. No. 1433

DATUM: NAD-27
 LAT: 34°42'13.0"N
 LONG: 97°28'25.8"W
 LAT: 34.703624981° N
 LONG: 97.473831731° W
 STATE PLANE COORDINATES: (US Feet)
 ZONE: OK SOUTH
 X: 2158147
 Y: 499077



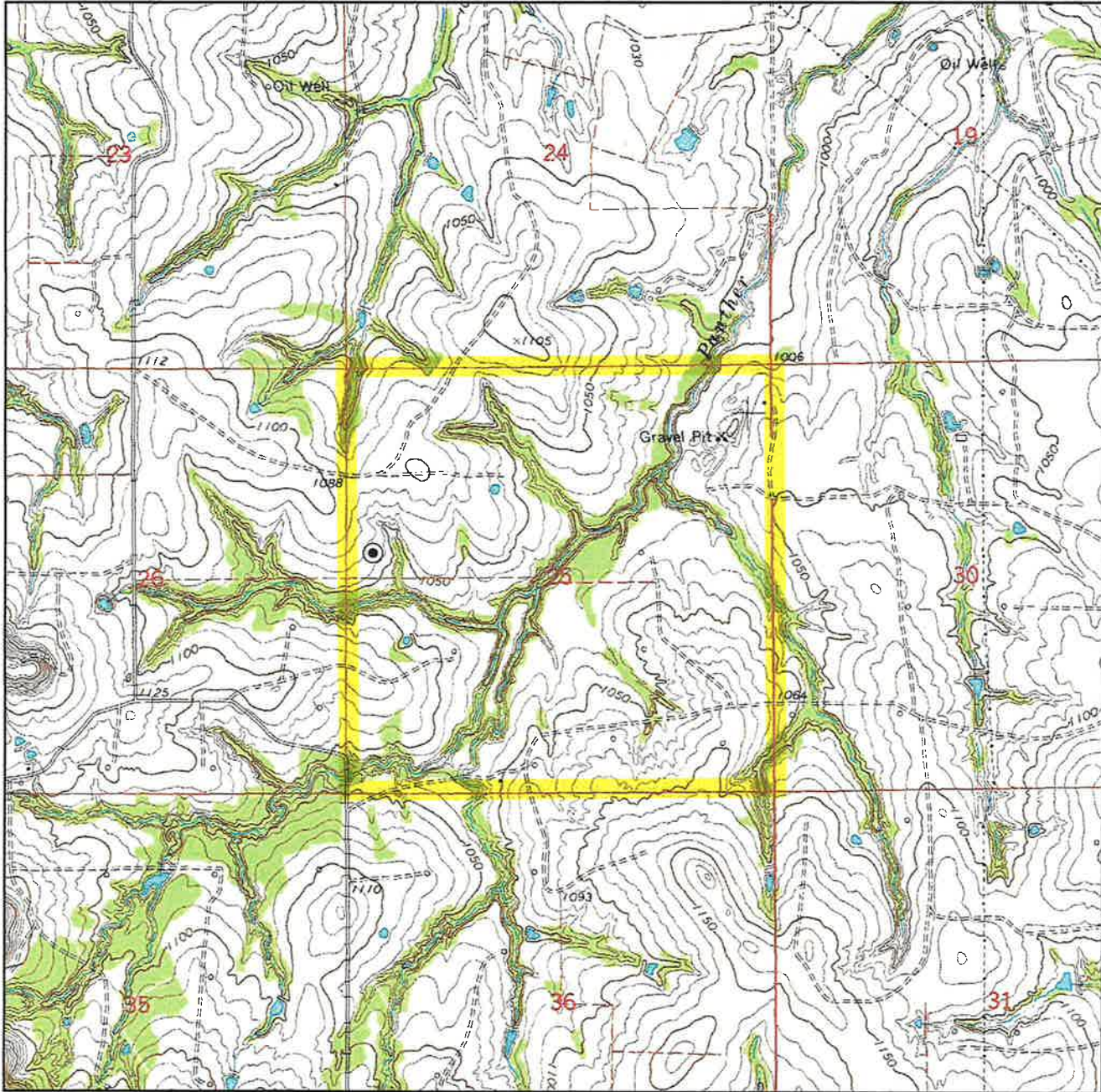
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com

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

LOCATION & ELEVATION VERIFICATION MAP



Sec. 25 Twp. 3N Rng. 3W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 2300'FNL -- 340'FWL

Lease APEX 1-26-23WXH

Elevation 1063' Gr. at Stake

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.



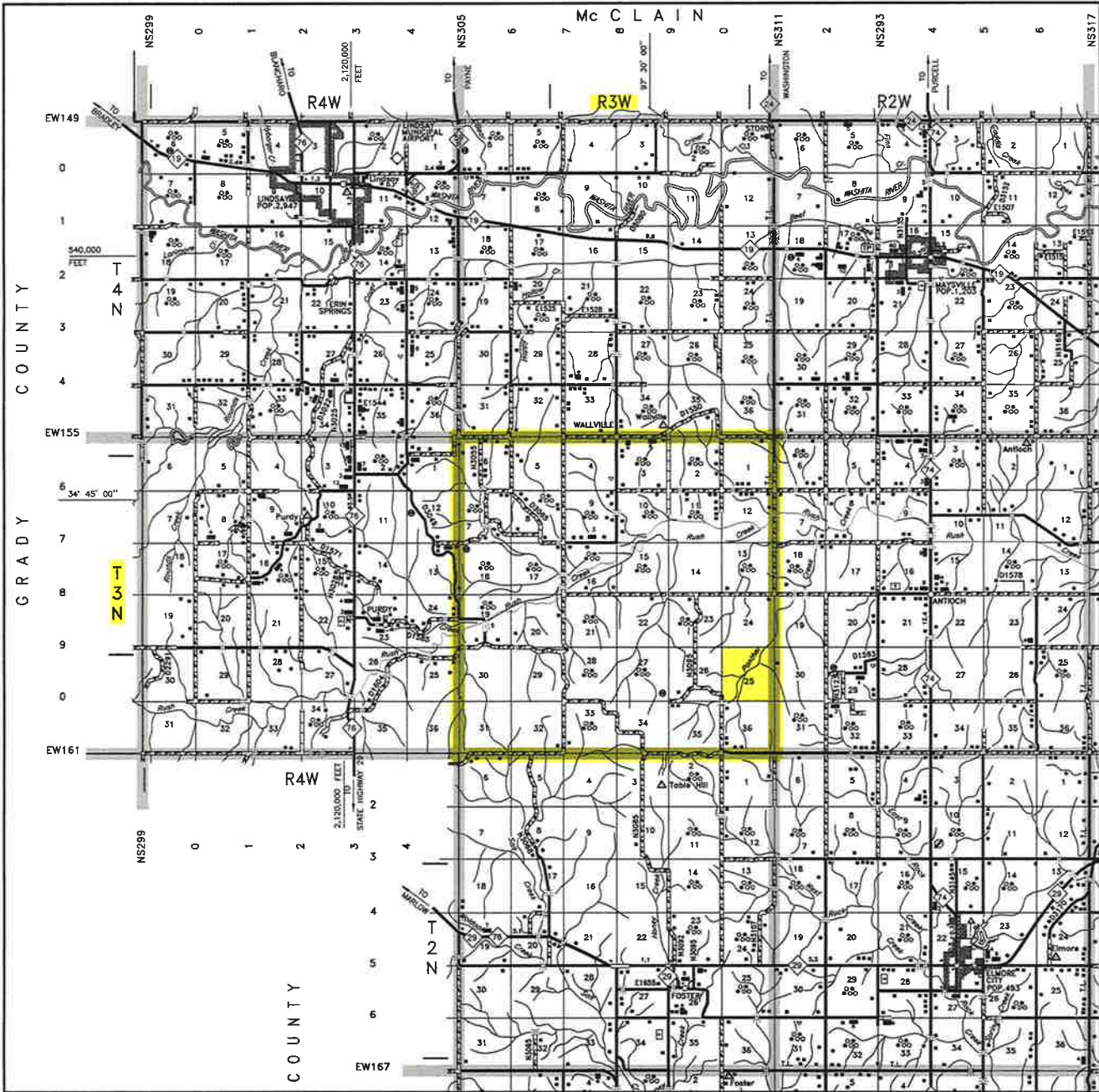
LAND SURVEYORS OF OKLAHOMA

Dec. 15, 2017

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6709 North Classen Blvd. Oklahoma City, OK 73116 www.topographic.com
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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 25 Twp. 3N Rng. 3W IM

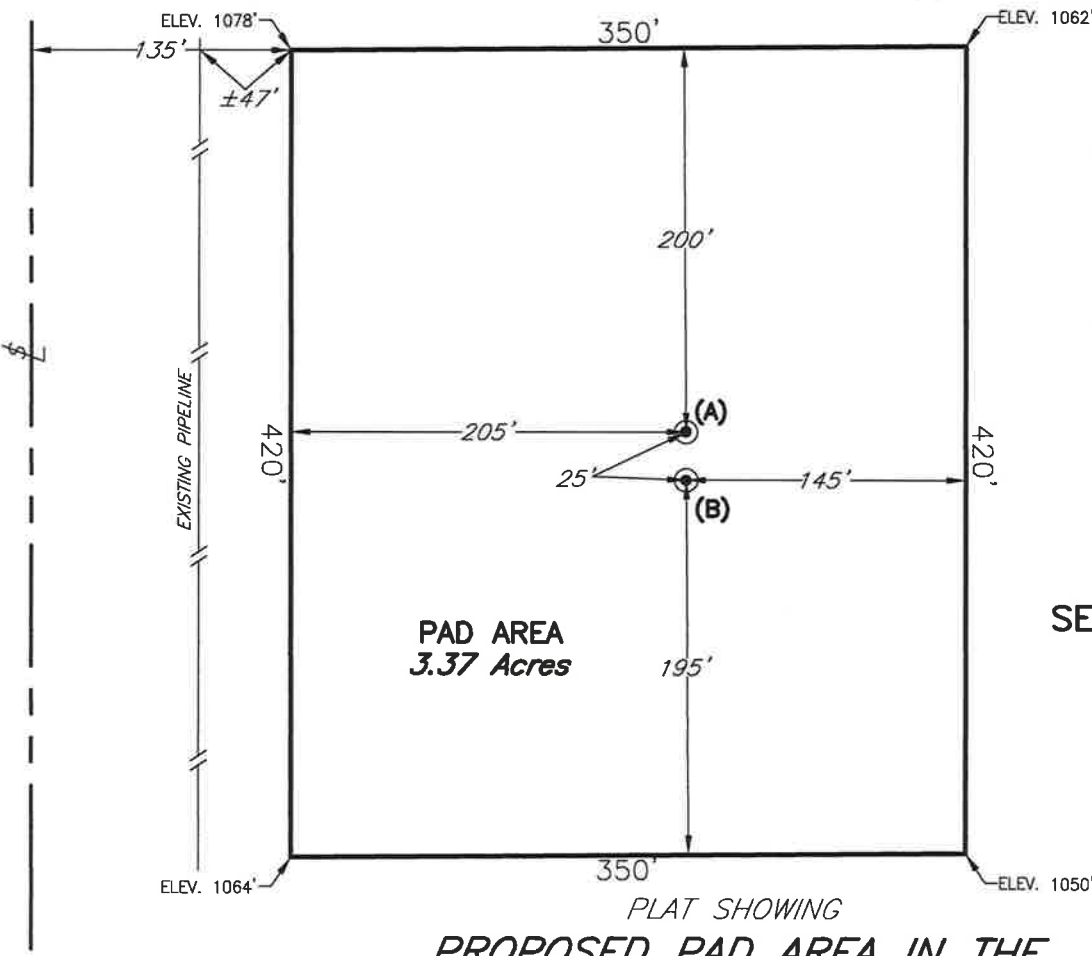
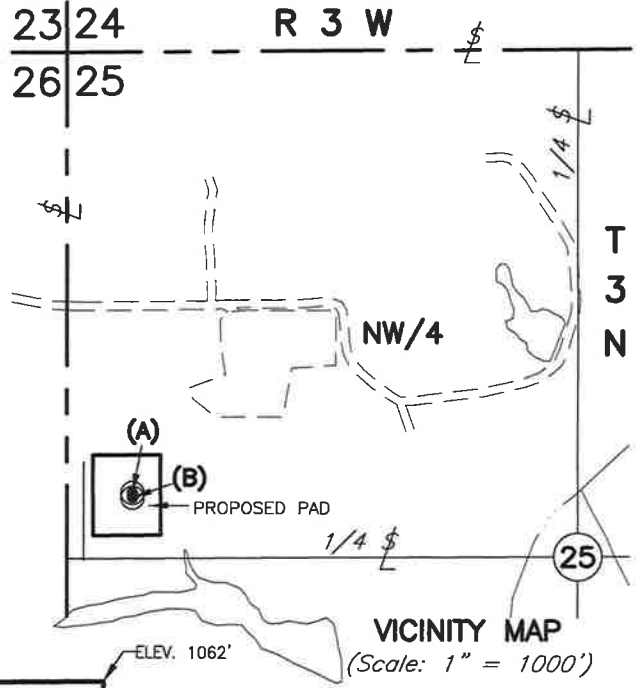
County GARVIN State OK

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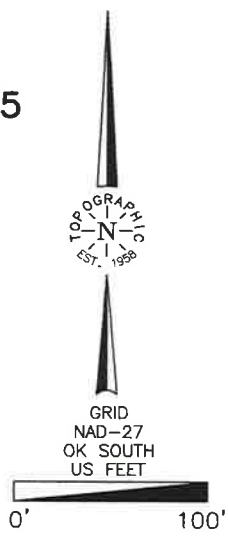
LAND SURVEYORS OF OKLAHOMA

T 3 N - R 3 W
(INDIAN MERIDIAN)



- (A) CASILLAS OPERATING, LLC
APEX 1-26-23WXH
2300'FNL-340'FWL
Elev. 1063' Gr.
- (B) CASILLAS OPERATING, LLC
LONG 1-35-26WXH
2325'FNL-340'FWL
Elev. 1062' Gr.

SECTION 25
NW/4



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

PLAT SHOWING
**PROPOSED PAD AREA IN THE
NW/4 OF SECTION 25, T3N-R3W
GARVIN COUNTY, OKLAHOMA**

NO.	REVISION	DATE	BY
SURV. BY:	JM	12-15-17	
DRAWN BY:	AC		
APPROVED BY:	TH		

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

SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847
Certificate of Authorization No. 1293 LS

SCALE:	1"=100'
DATE:	01-08-18
INVOICE NO.:	285661
FILE NAME:	L2111A.DWG
DRAWING NO.:	103039-L2-111-A
SHEET	1 OF 1