

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

API NUMBER: 049 25240 A

Approval Date: 12/07/2018  
Expiration Date: 06/07/2020

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: SHL ADJUSTED DUE TO RIG-SPECIFIC  
CAPABILITIES.

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 3N Rge: 4W County: GARVIN  
SPOT LOCATION: ☐ SW ☐ SE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 1192 2092

Lease Name: BUD Well No: 5-12-1 WXH Well will be 170 feet from nearest unit or lease boundary.  
Operator CASILLAS OPERATING LLC Telephone: 9185825310 OTC/OCC Number: 23838 0  
Name:

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

MARY F. ENGLISH  
14387 E. COUNTY ROAD 1575  
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	10903	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 677714

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201808087  
201808088  
201808110

Special Orders:

Total Depth: 22837 Ground Elevation: 1143 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 260

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

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? N

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

F. Haul to Commercial soil farming facility: Sec. 28 Twn. 2N Rng. 4W Cnty. 137 Order No: 665063

G. Haul to recycling/re-use facility: Sec. 13 Twn. 3N Rng. 4W Cnty. 49 Order No: 680707

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 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

HORIZONTAL HOLE 1

Sec 01 Twp 3N Rge 4W County GARVIN

Spot Location of End Point: NE NW NE NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 1920

Depth of Deviation: 10645

Radius of Turn: 562

Direction: 1

Total Length: 11630

Measured Total Depth: 22837

True Vertical Depth: 10903

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

Notes:

Category

Description

DEEP SURFACE CASING

11/18/2018 - 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

MEMO

11/18/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201808087

12/4/2018 - G58 - (I.O.) 1 & 12-3N-4W  
EST MULTIUNIT HORIZONTAL WELL  
X677714 WDFD, OTHERS  
50% 1-3N-4W  
50% 12-3N-4W  
NO OP. NAMED  
REC 10/30/2018 (JOHNSON)

PENDING CD - 201808088

12/4/2018 - G58 - (I.O.) 1 & 12-3N-4W  
X677714 WDFD, OTHERS  
X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EMERSON 1-1 WELL\*\*\*  
COMPL. INT. 12-3N-4W NCT 165' FSL, NCT 0' FNL, NCT 1870' FWL  
COMPL. INT. 1-3N-4W NCT 0' FSL, NCT 165' FNL, NCT 1870' FWL  
NO OP. NAMED  
REC 10/30/2018 (JOHNSON)

\*\*\*SHOULD ADD EXCEPTION FOR PROPOSED WELL. WELL IS 385' FROM PROPOSED BUD 4-12-1WHX; WILL BE ADDED AT HEARING FOR INTERM ORDER PER ATTORNEY FOR OP.

This permit does not address the right of entry or settlement of surface damages.

049 25240 BUD 5-12-1 WXH

The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

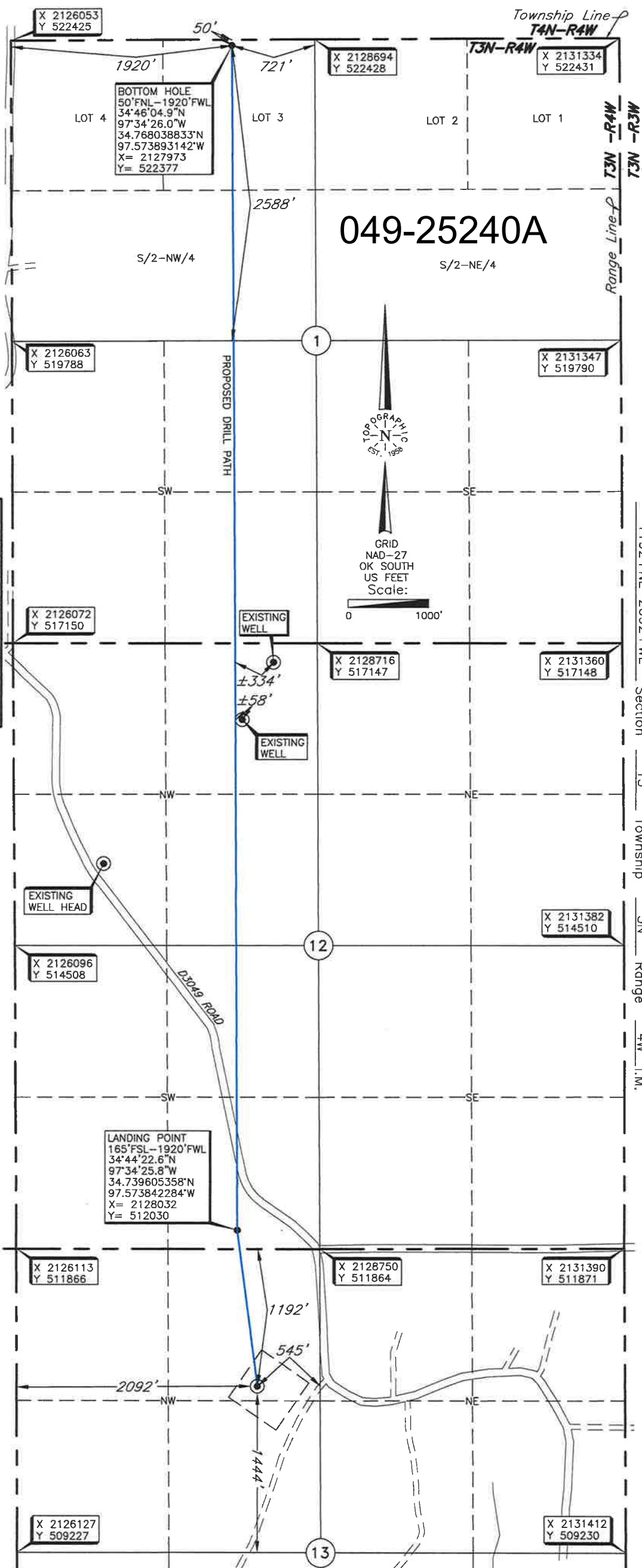
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Category	Description
PENDING CD - 201808110	12/4/2018 - G58 - 1 & 12-3N-4W X677714 WDFD 5 WELLS NO OP. NAMED REC 10/30/2018 (JOHNSON)
SPACING - 677714	12/4/2018 - G58 - (1280)(HOR) 1 & 12-3N-4W EXT 660070 WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP ORDER 343360 WDFD; SP ORDER 346248 WDFD;***, SP ORDER 348687 WDFD; SP ORDER 345241 WDFD; SP ORDER 349600 WDFD)  *** SHOULD COEXIST SP ORDER 347970 WDFD; NPT FILED AND SUBMITTED TO OCC, OK PER MCCOY

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

**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

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



Operator: CASILLAS OPERATING, LLC  
Lease Name: BUD  
Topography & Vegetation Loc. fell in pasture & trees, O/H power line ±80' East of pad & pipeline ±61' South of SE corner of pad.  
Good Drill Site? Yes  
Best Accessibility to Location From East off county road  
Distance & Direction From the Junction of St. Hwy. 19 and St. Hwy. 76 in Lindsay, OK, go South on State Hwy. 76 for ±5.5 miles, go East ±0.8 miles, go South ±1.7 miles to Lease Rd., West into Location in the SW/4 of Sec. 13-T3N-R4W.

**ELEVATION:**  
1136' Gr. at Stake

**Well No.:** 5-12-1WXH

**DATUM:** NAD-27  
LAT: 34°44'09.1"N  
LONG: 97°34'23.8"W  
LAT: 34.735873141°N  
LONG: 97.573266008°W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK SOUTH  
X: 2128211  
Y: 510672

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

Invoice # 306707A Date of Drawing: Nov. 20, 2018 TR  
Date Staked: Nov. 19, 2018 TAW

**CERTIFICATE:**

I, Dan W. Rogers, an Oklahoma Licensed Land Surveyor and an authorized agent of Topographic Land Surveyors of Oklahoma, do hereby certify to the information shown herein.

*Dan W. Rogers*  
Dan W. Rogers  
Oklahoma Lic. No. 1200

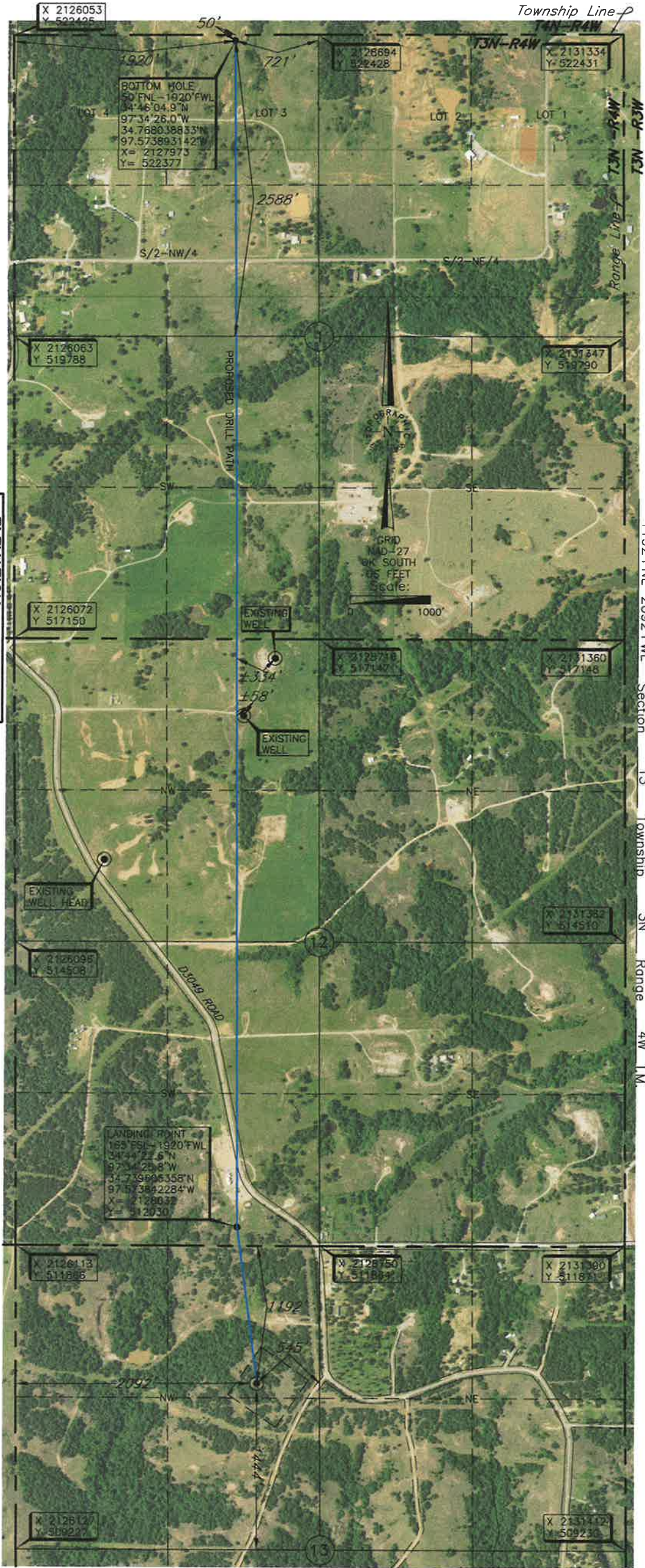




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BOTTOM HOLE, LANDING POINT, AND DRILL PATH INFORMATION  
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Operator: CASILLAS OPERATING, LLC

Lease Name: BUD

Topography & Vegetation Loc. fell in posture & trees, O/H power line  $\pm 80'$  East of pad & pipeline  $\pm 61'$  South of SE corner of pad.

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 in Lindsay, OK, go South on State Hwy. 76 from Hwy Jct or Town for  $\pm 5.5$  miles, go East  $\pm 0.8$  miles, go South  $\pm 1.7$  miles to Lease Rd., West into Location in the SW/4 of Sec. 13-T3N-R4W.

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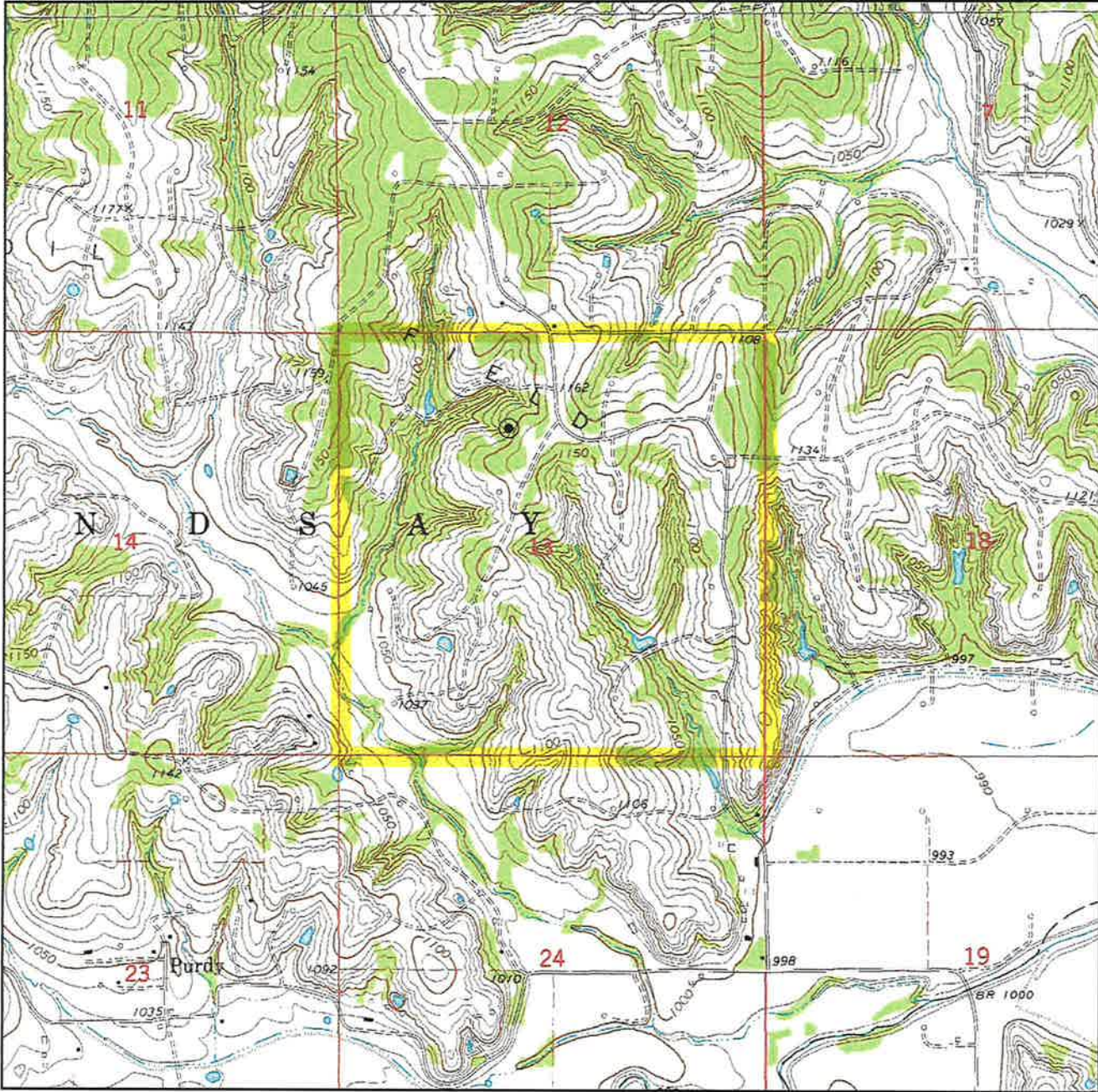




# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 13 Twp. 3N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 1192'FNL-2092'FWL

Lease BUD 5-12-1WXH

Elevation 1136' Gr. at Stake

U.S.G.S. Topographic  
Quadrangle Map ELMORE CITY, 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**

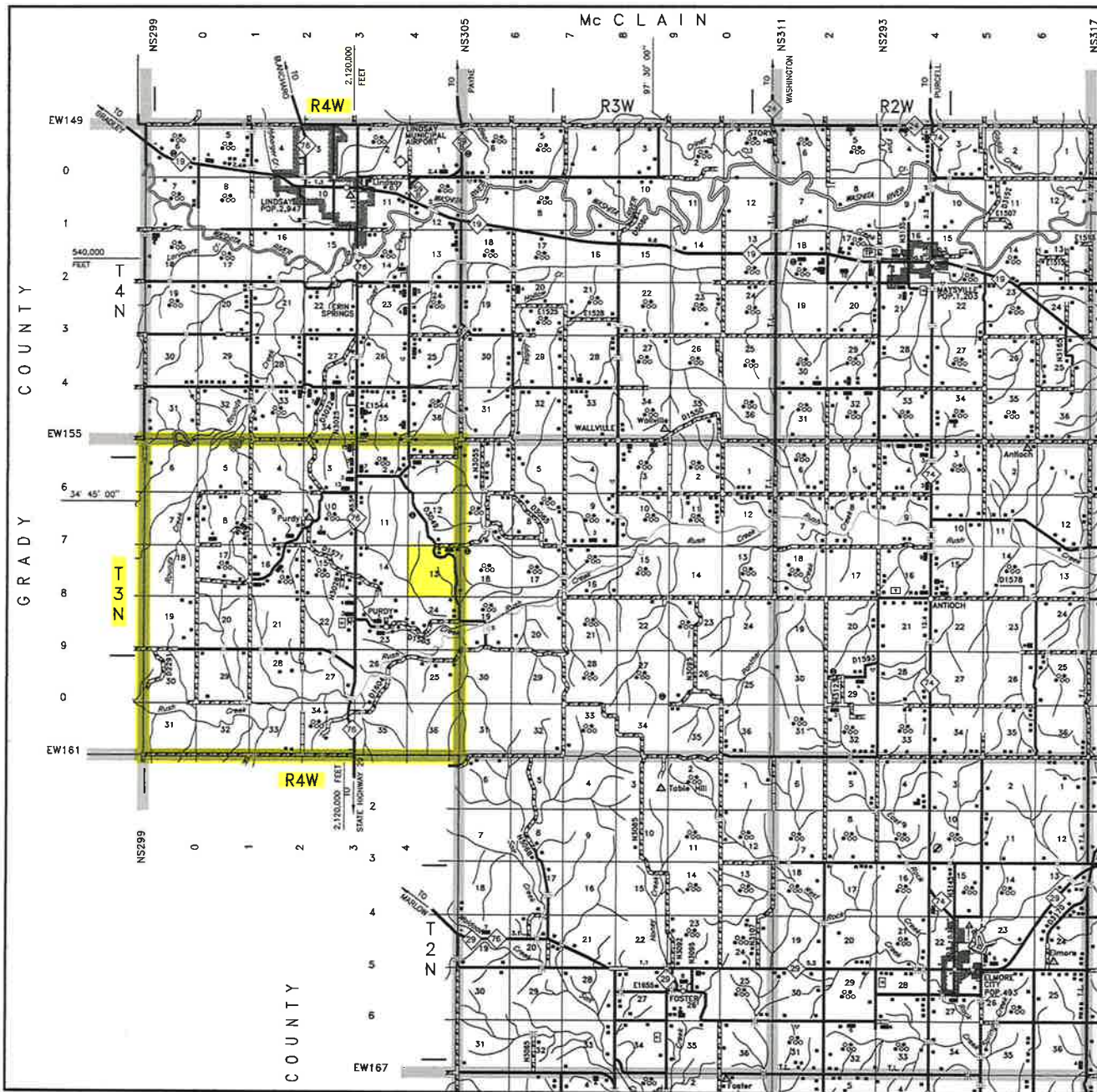
Nov. 19, 2018



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## VICINITY MAP



Scale: 1" = 3 Miles

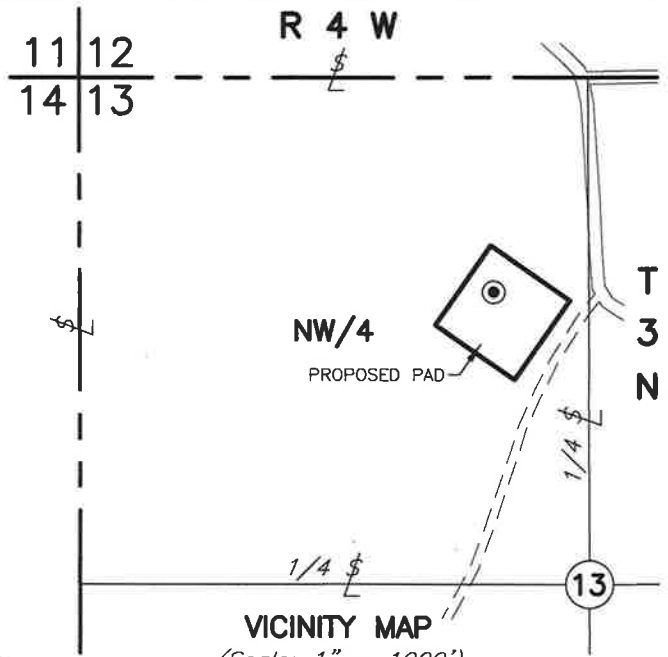
Sec. 13 Twp. 3N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC



**T 3 N - R 4 W**  
(INDIAN MERIDIAN)



CASILLAS OPERATING, LLC  
BUD 6-12-1 WXH  
1168'FNL-2109'FWL  
Elev. 1137' Gr.

CASILLAS OPERATING, LLC  
ALTERNATE WELL  
1143'FNL-2126'FWL  
Elev. 1140' Gr.

CASILLAS OPERATING, LLC  
BUD 5-12-1 WXH  
1192'FNL-2092'FWL  
Elev. 1136' Gr.

**- LEGEND -**

- = Power Pole
- = Existing Power Line



**SECTION 13  
NW/4**

**PAD AREA  
5.74 Acres**

**NOTES:**

Wells have 30' spacing.

The information shown herein is  
for construction purposes ONLY.

3	GENERAL	11/18/18	TR
2	GENERAL	11/16/18	TR
NO.	REVISION	DATE	BY
SUR. BY:	TC 10/8/18		
DRAWN BY:	TAW		
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**  
6709 N. Classen, Okla. City, OK. 73116 (405) 843-4847  
Certificate of Authorization No. 1293 LS

SCALE:	1"=200'
DATE:	10/9/2018
INVOICE NO.:	304708
FILE NAME:	L2118A.DWG
DWG NO.:	103039-L2-118-A
SHEET	1 OF 1