

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

API NUMBER: 049 25197

Approval Date: 05/03/2018

Expiration Date: 11/03/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 13 Twp: 3N Rge: 4W

County: GARVIN

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 200 200

Lease Name: BUD

Well No: 1-12-1WXH

Well will be 200 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

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

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9326	6	
2	WOODFORD	9586	7	
3	HUNTON	9786	8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705053
201705341
201705342

Special Orders:

Total Depth: 20066

Ground Elevation: 1162

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 6000 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: 18-34137

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: DUNCAN

HORIZONTAL HOLE 1

Sec 01 Twp 3N 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: 9205

Radius of Turn: 573

Direction: 5

Total Length: 9960

Measured Total Depth: 20066

True Vertical Depth: 9786

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

Notes:

Category

Description

DEEP SURFACE CASING

4/19/2018 - 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

4/19/2018 - 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

4/19/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201705053

4/26/2018 - G57 - (640)(HOR) 1 & 12-3N-4W
EXT 660070 MSSP, WDFD, HNTN
POE TO BHL (MSSP, HNTN) NCT 660' FB
POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
(COEXIST WITH SP. 343360 SCMR, HNTN, WDFD SW4 1, SP. 346248 SCMR, WDFD, HNTN E2 1, SP. 347970 SCMR, HNTN NW4 1 & SP. 348687 SCMR, WDFD, HNTN NE4 12, SP. 345241 SCMR, WDFD, HNTN SE4 12, SP. 349600 SCMR, WDFD, HNTN W2 12)
REC 4-11-2018 (DUNN)

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

049 25197 BUD 1-12-1WXH

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 - 201705341	4/26/2018 - G57 - (I.O.) 12 & 1-3N-4W EST A MULTIUNIT HORIZONTAL WELL X201705053 MSSP, WDFD, HNTN (MSSP, HNTN ARE ADJACENT COMMON SOURCES OF SUPPLY TO THE WDFD) 50% 12-3N-4W 50% 1-3N-4W CASILLAS PETROLEUM RESOURCE PARTNER, LLC. REC 4-11-2018 (DUNN)
PENDING CD - 201705342	4/26/2018 - G57 - (I.O.) 12 & 1-3N-4W X201705053 MSSP, WDFD, HNTN COMPL. INT. (12-3N-4W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (1-3N-4W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 4-11-2018 (DUNN)
SURFACE CASING	4/19/2018 - G71 - MIN. 300' PER ORDER 27640

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.

GARVIN

County, Oklahoma

200'FNL - 200'FWL Section 13 Township 3N Range 4W I.M.

Operator: CASILLAS OPERATING, LLC

Lease Name: BUD

Well No.: 1-12-1W4H

ELEVATION:
1162' Gr. at Stake

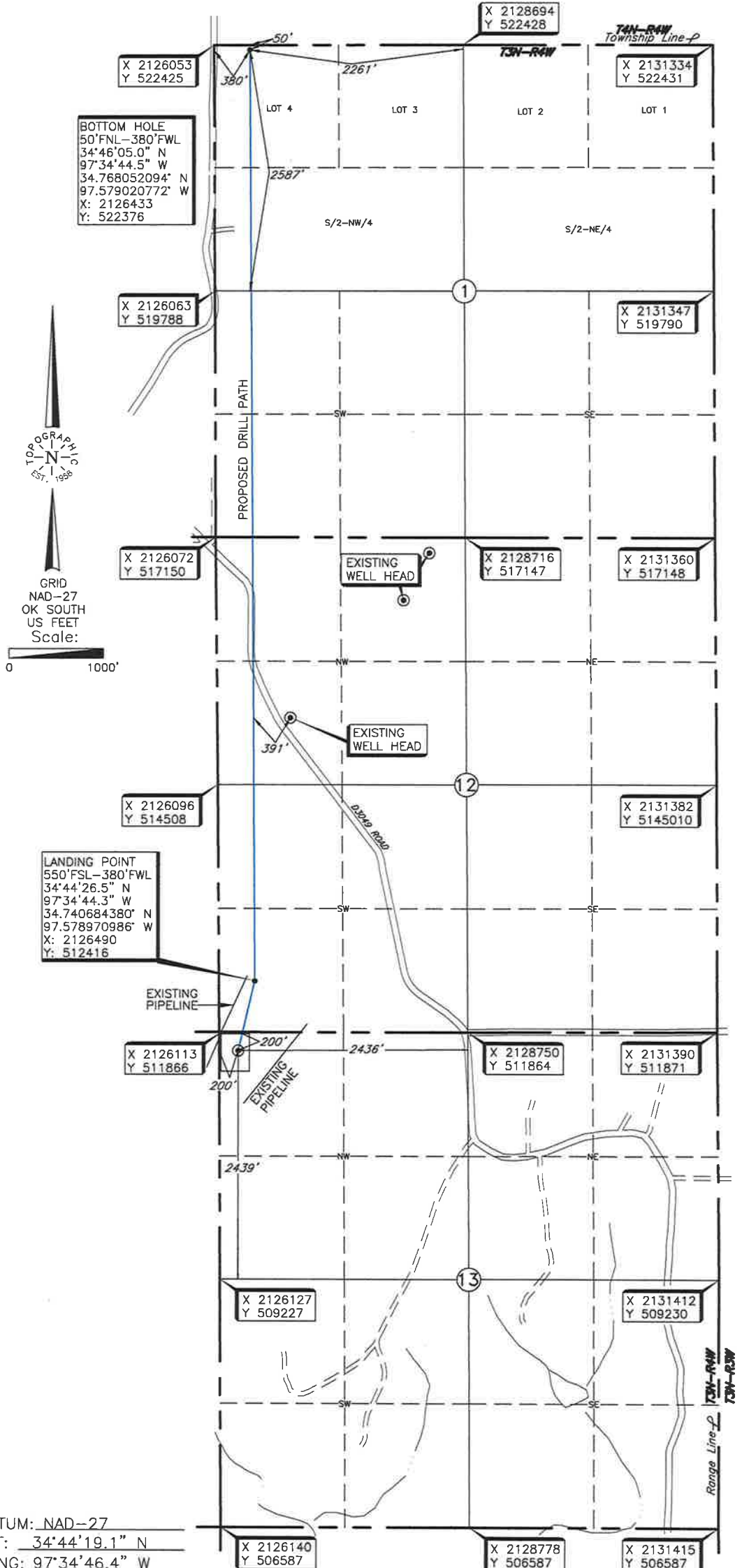
Topography & Vegetation Location fell in very heavy brush, $\pm 233'$ SE & $\pm 397'$ NW of existing pipelines, $\pm 191'$ S. of E-W fence.

Good Drill Site? Yes

Reference Stokes or Alternate Location
Stakes Set None

Best Accessibility to Location

Distance & Direction From county road D3049 at the N/4 Corner.
From Hwy Jet or Town From Lindsay, OK., go south on St. Hwy. 76 for ± 5.5 miles, then east ± 0.7 miles, then SE on county road D3049 ± 1.4 miles to the North Line of Section 13, T3N-R4W.



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

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

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY.

DATUM: NAD-27
LAT: $34^{\circ}44'19.1''$ N
LONG: $97^{\circ}34'46.4''$ W
LAT: 34.738625592° N
LONG: 97.579564389° W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK SOUTH
X: 2126314
Y: 511666

CERTIFICATE:

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.

Oklahoma Lic. No. 1433



200'FNL - 200'FWL Section 13 Township 3N Range 4W I.M.

Operator: CASILLAS OPERATING, LLC
Lease Name: BUD

Well No.: 1-12-1MXH

ELEVATION:
1162' Gr. at Stake

Topography & Vegetation Location fell in very heavy brush, $\pm 233'$ SE & $\pm 397'$ NW of existing pipelines, $\pm 191'$ S. of E-W fence.

Good Drill Site? Yes

Reference Stakes or Alternate Location
Stakes Set None

Best Accessibility to Location From county road D3049 at the N/4 Corner.

Distance & Direction

from Hwy Jct or Town From Lindsay, OK, go south on St. Hwy. 76 for ± 5.5 miles, then east ± 0.7 miles, then SE on county road D3049 ± 1.4 miles to the North Line of Section 13, T3N-R4W.



GRID
NAD-27
OK SOUTH
US FEET
Scale:
0 1000'

BOTTOM HOLE
50'FNL-380'FWL
34°46'05.0" N
97°34'44.5" W
34.768052094' N
97.579020772' W
X: 2126433
Y: 522376

X 2126053
Y 522425

X 2126063
Y 519788

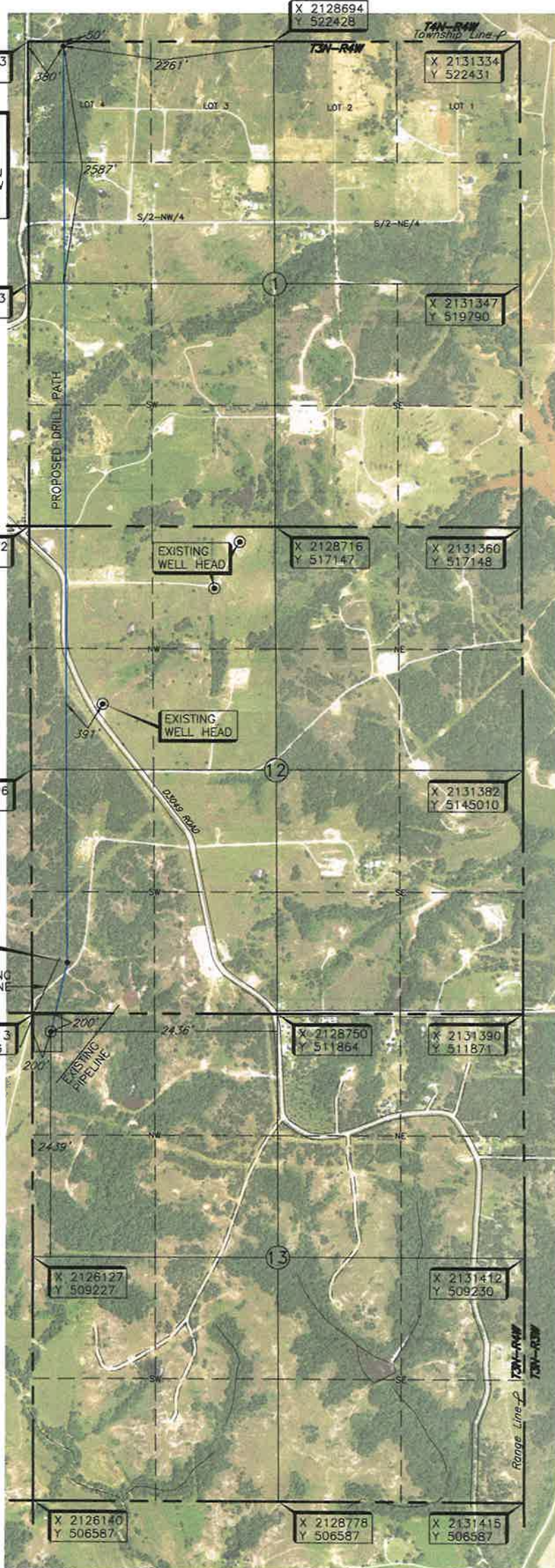
X 2126072
Y 517150

X 2126096
Y 514508

LANDING POINT
550'FSL-380'FWL
34°44'26.5" N
97°34'44.3" W
34.740684380' N
97.578970986' W
X: 2126490
Y: 512416

EXISTING PIPELINE

X 2126113
Y 511866



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THE INFORMATION SHOWN HEREIN IS
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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.

Oklahoma Lic. No. 1433

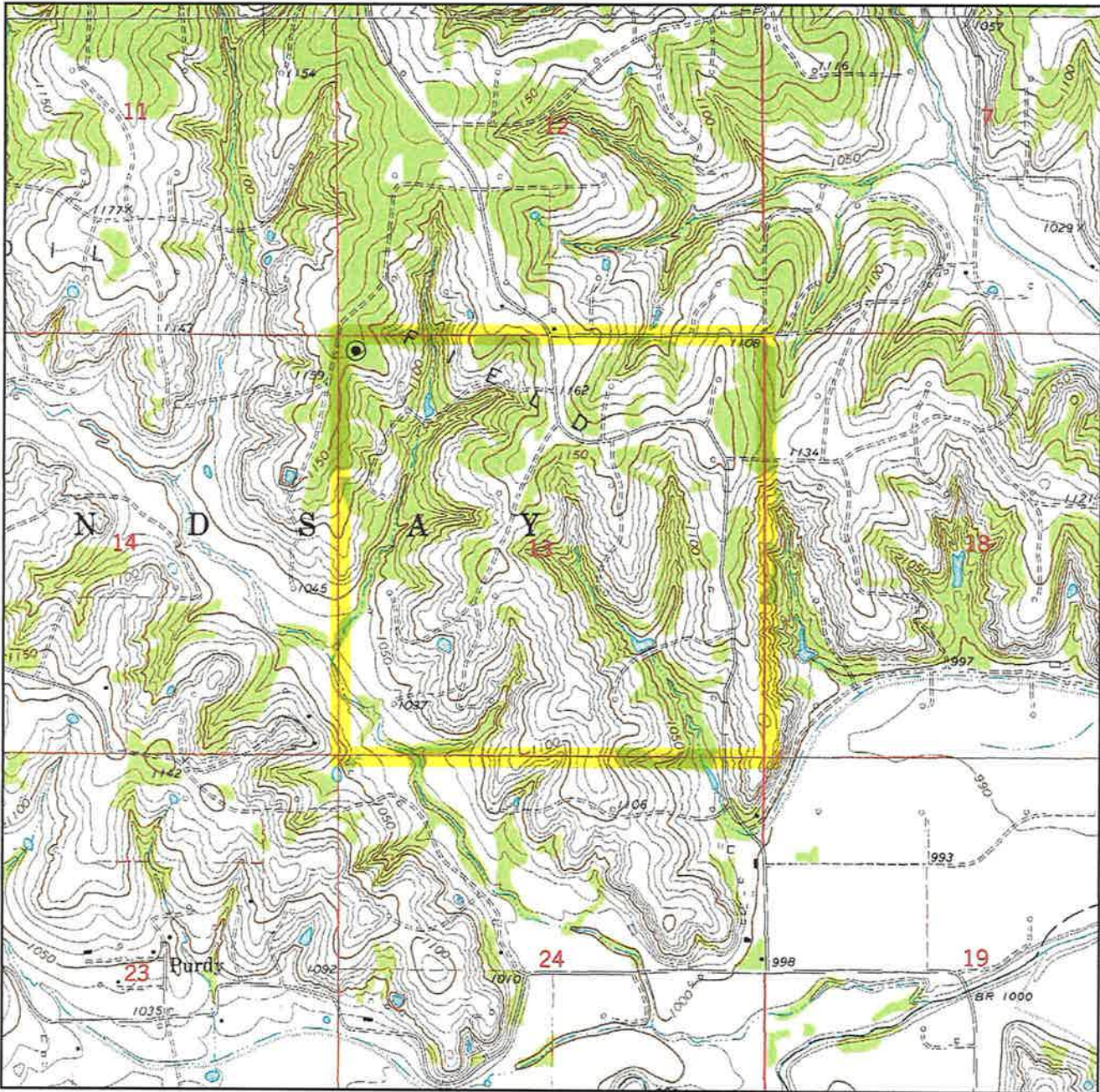
Invoice # 276332 Date of Drawing: June 02, 2017
Date Staked: May 30, 2017 JGW

DATUM: NAD-27
LAT: 34°44'19.1" N
LONG: 97°34'46.4" W
LAT: 34.738625592° N
LONG: 97.579564389° W
STATE PLANE
COORDINATES (US FEET):
ZONE: OK SOUTH
X: 2126314
Y: 511666

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. 13 Twp. 3N Rng. 4W IM

County GARVIN State OK

Operator CASILLAS OPERATING LLC

Description 200'FNL - 200'FWL

Lease BUD 1-12-1WXH

Elevation 1162' 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.

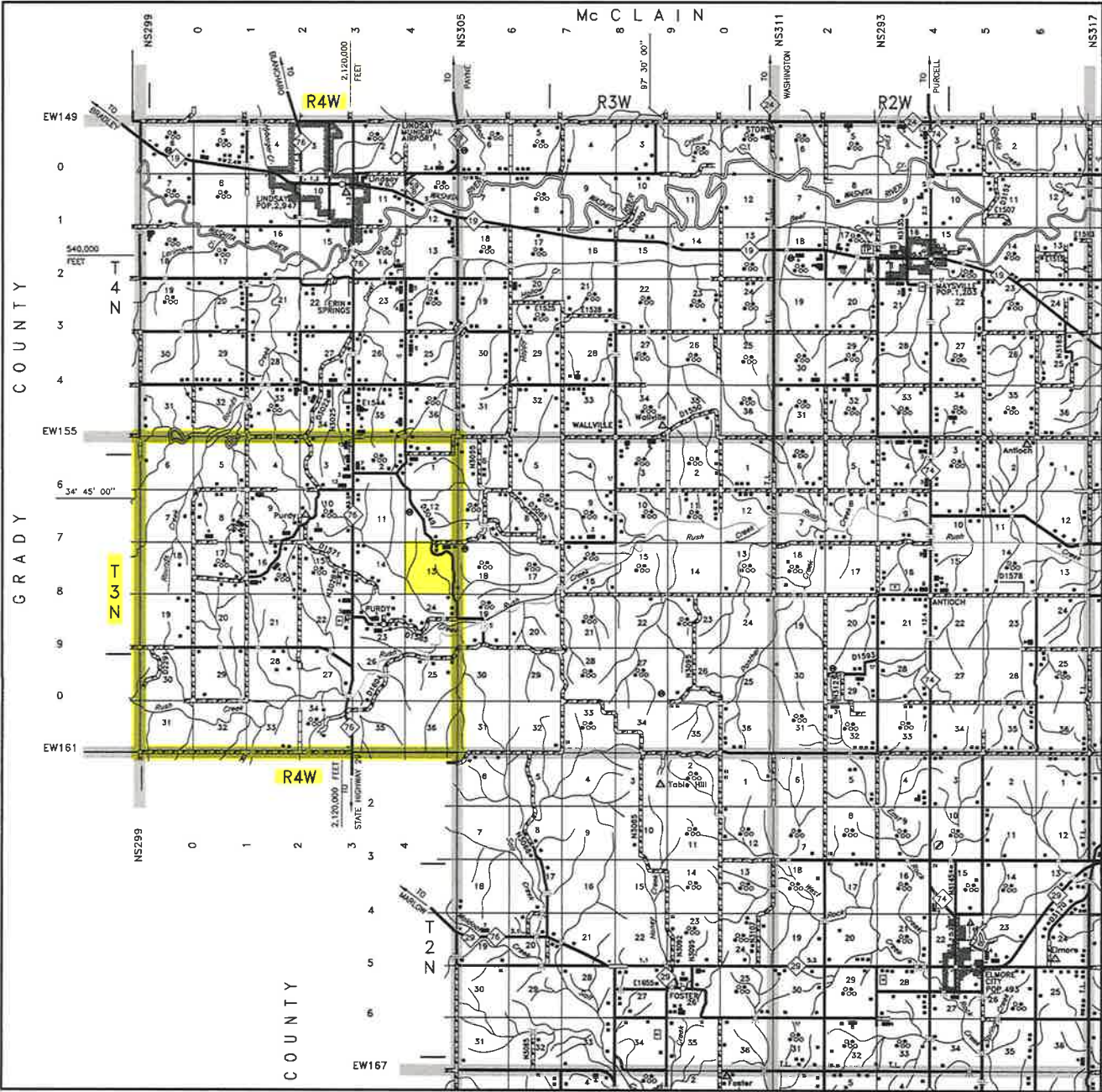
 **TOPOGRAPHIC**
LOYALTY INNOVATION LEGACY
SURVEYING • MAPPING • GIS • GPS
LAND SURVEYORS OF OKLAHOMA

May 30, 2017

TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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VICINITY MAP



Scale: 1" = 3 Miles

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

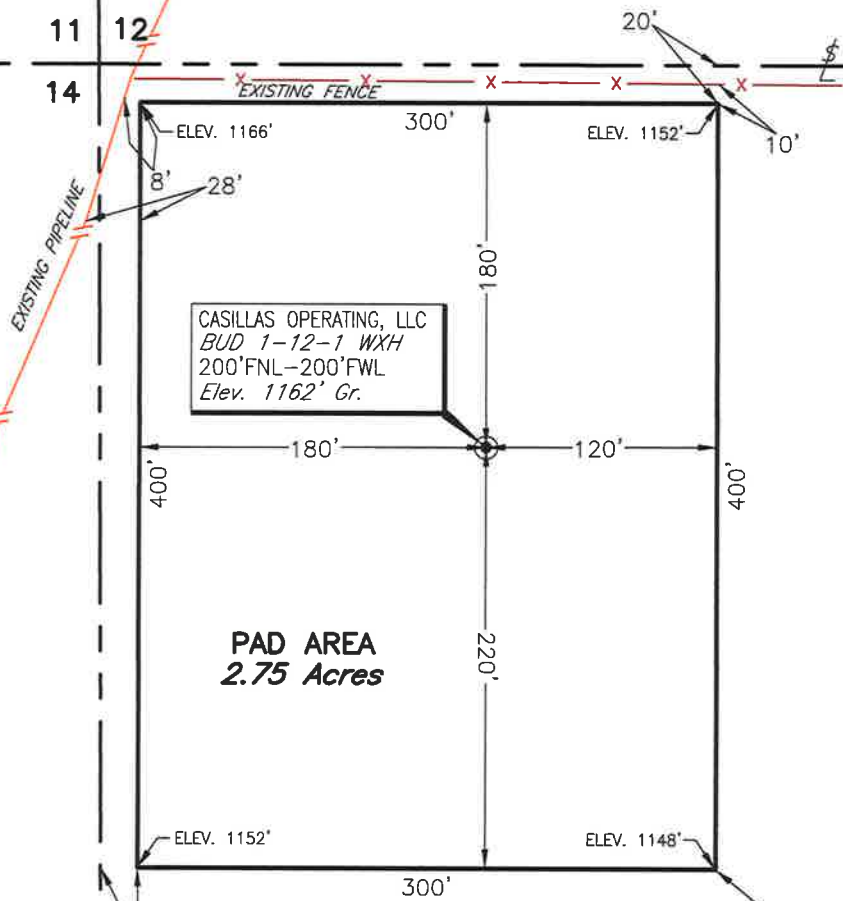
County GARVIN State OK

Operator CASILLAS OPERATING, LLC



T 3 N - R 4 W
(INDIAN MERIDIAN)

SECTION 12
SW/4



SECTION 13
NW/4

PAD AREA
2.75 Acres



PLAT SHOWING
PROPOSED PAD AREA IN THE
NW/4 OF SECTION 13, T3N-R4W
GARVIN COUNTY, OKLAHOMA

NOTE:

The information shown herein is
for construction purposes ONLY.

NO.	REVISION	DATE	BY
SURV. BY:	TC	5-30-17	
DRAWN BY:	JGW		
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"=100'
DATE:	6-01-17
INVOICE NO.:	276322
FILE NAME:	L4053A.DWG
DRAWING NO.:	103039-L4-053-A
SHEET	1 OF 1