

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

API NUMBER: 087 22089

Approval Date: 11/13/2017

Expiration Date: 05/13/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 6N Rge: 4W

County: MCCLAIN

SPOT LOCATION: NW NW NW NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 190 179

Lease Name: COOP

Well No: 1-33-4WXH

Well will be 179 feet from nearest unit or lease boundary.

Operator Name: CASILLAS OPERATING LLC

Telephone: 9185825310

OTC/OCC Number: 23838 0

CASILLAS OPERATING LLC
PO BOX 3668
TULSA, OK 74101-3668

DICK & SANDRA VINSON
14802 180TH ST.
LINDSAY OK 73052

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

Name	Depth	Name	Depth
1 WOODFORD	10918	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 669738
664054

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705805
201705806

Special Orders:

Total Depth: 22300

Ground Elevation: 1169

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 380

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: 17-33370

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 04 Twp 5N Rge 4W County MCCLAIN

Spot Location of End Point: W2 E2 E2 SE

Feet From: SOUTH 1/4 Section Line: 1320

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 11687

Radius of Turn: 950

Direction: 185

Total Length: 9121

Measured Total Depth: 22300

True Vertical Depth: 12100

End Point Location from Lease,
Unit, or Property Line: 380

Notes:

Category

Description

DEEP SURFACE CASING

11/3/2017 - 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

11/3/2017 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

MEMO

11/3/2017 - 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

PENDING CD - 201705805

11/9/2017 - G57 - (I.O.) 33-6N-4W & 4-5N-4W
EST MULTIUNIT HORIZONTAL WELL
X664054 33-6N-4W WDFD, OTHERS
X669738 4-5N-4W WDFD, OTHERS
65% 33-6N-4W
35% 4-5N-4W
NO OP. NAMED
REC 9/26/2017 (MCKEOWN)

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

087 22089 COOP 1-33-4WXH

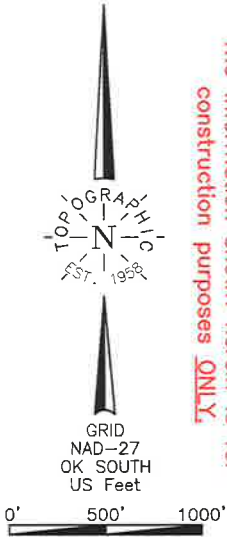
The duration of this permit is SIX MONTHS, except as otherwise provided by Rule 165: 10-3-1.

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.

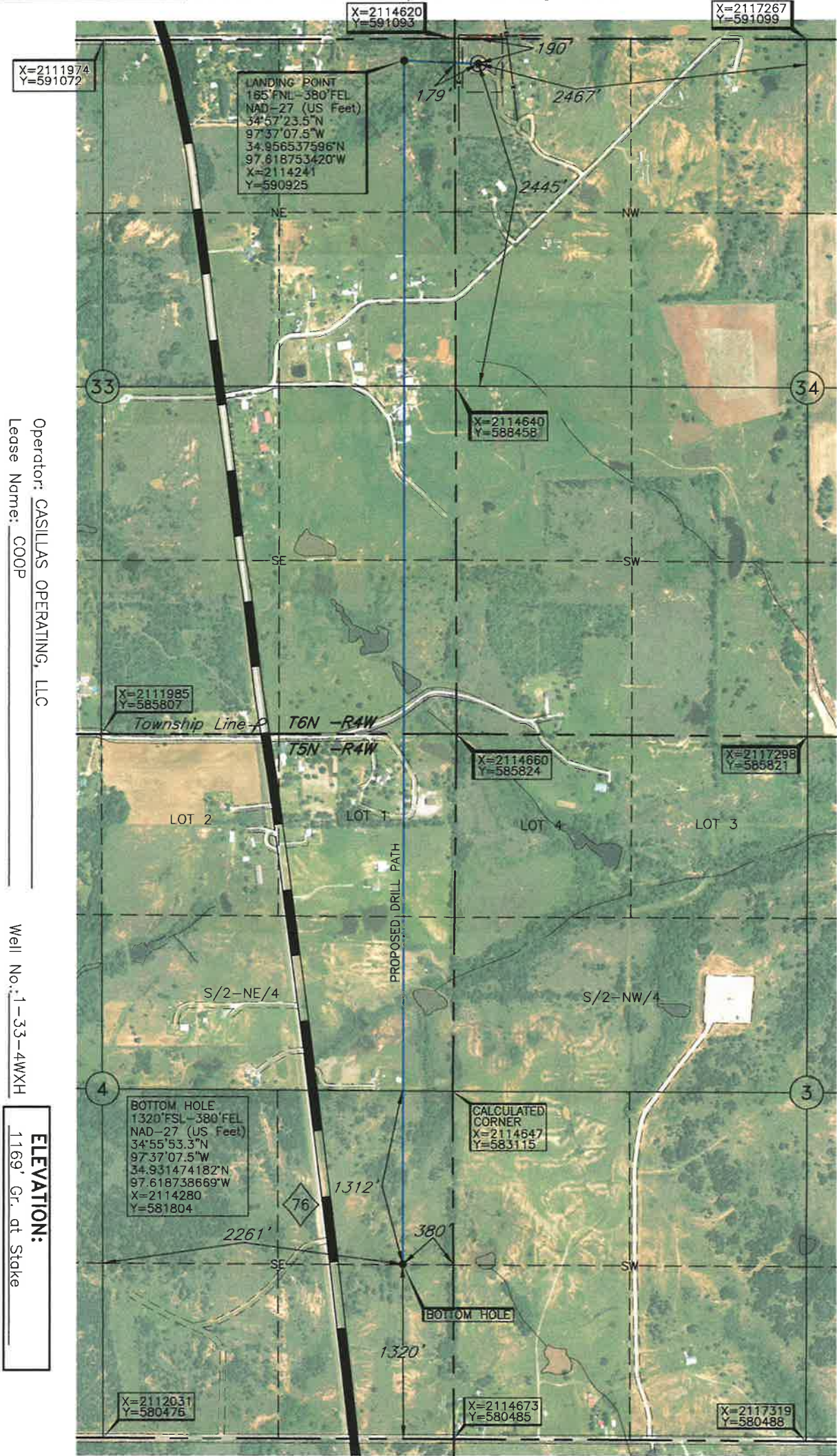
Category	Description
PENDING CD - 201705806	11/9/2017 - G57 - (I.O.) 33-6N-4W & 4-5N-4W X664054 33-6N-4W WDFD, OTHERS X669738 4-5N-4W WDFD, OTHERS COMPL. INT. (33-6N-4W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (4-5N-4W) NCT 0' FNL, NCT 660' FSL, NCT 330' FEL NO OPERATOR NAMED REC 9/26/2017 (MCKEOWN)
SPACING - 664054	11/8/2017 - G57 - (640) (HOR) 33-6N-4W EXT 626773 WDFD (VAC BY 669738), OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL
SPACING - 669738	11/9/2017 - G57 - (640)(HOR) 4-5N-4W VAC 604335 WDFD, OTHER EXT 660924 WDFD, OTHER EST OTHER POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

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190'FNL - 179'FWL Section 34 Township 6N Range 4W I.M.



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



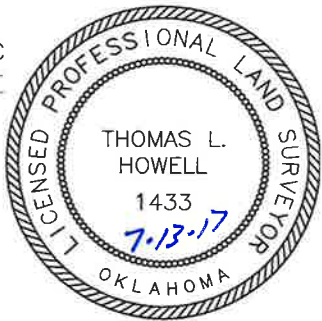
Operator: CASILLAS OPERATING, LLC
Lease Name: COOP
Topography & Vegetation Loc. fell in sloping brushy pasture, ±149' East of N-S power line.
Good Drill Site? Yes
Best Accessibility to Location From SE of county road
Distance & Direction from Hwy Jct or Town From Jct. St. Hwy. 76 N-S and St. Hwy. 39, West of Dibble, OK, go ±6.5 mi. South on St. Hwy. 76 to county road, then ±0.5 mi. E-NE to the West Line of Sec. 34-T6N-R4W
ELEVATION: 1169' Gr. at Stake

Date of Drawing: Jul. 12, 2017
Invoice # 278381A Date Staked: May 04, 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°57'23.3"N
LONG: 97°37'00.8"W
LAT: 34.956472236° N
LONG: 97.616887733° W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2114800
Y: 590904

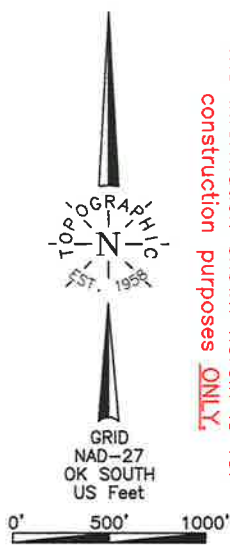
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Certificate of Authorization No. 1293 LS

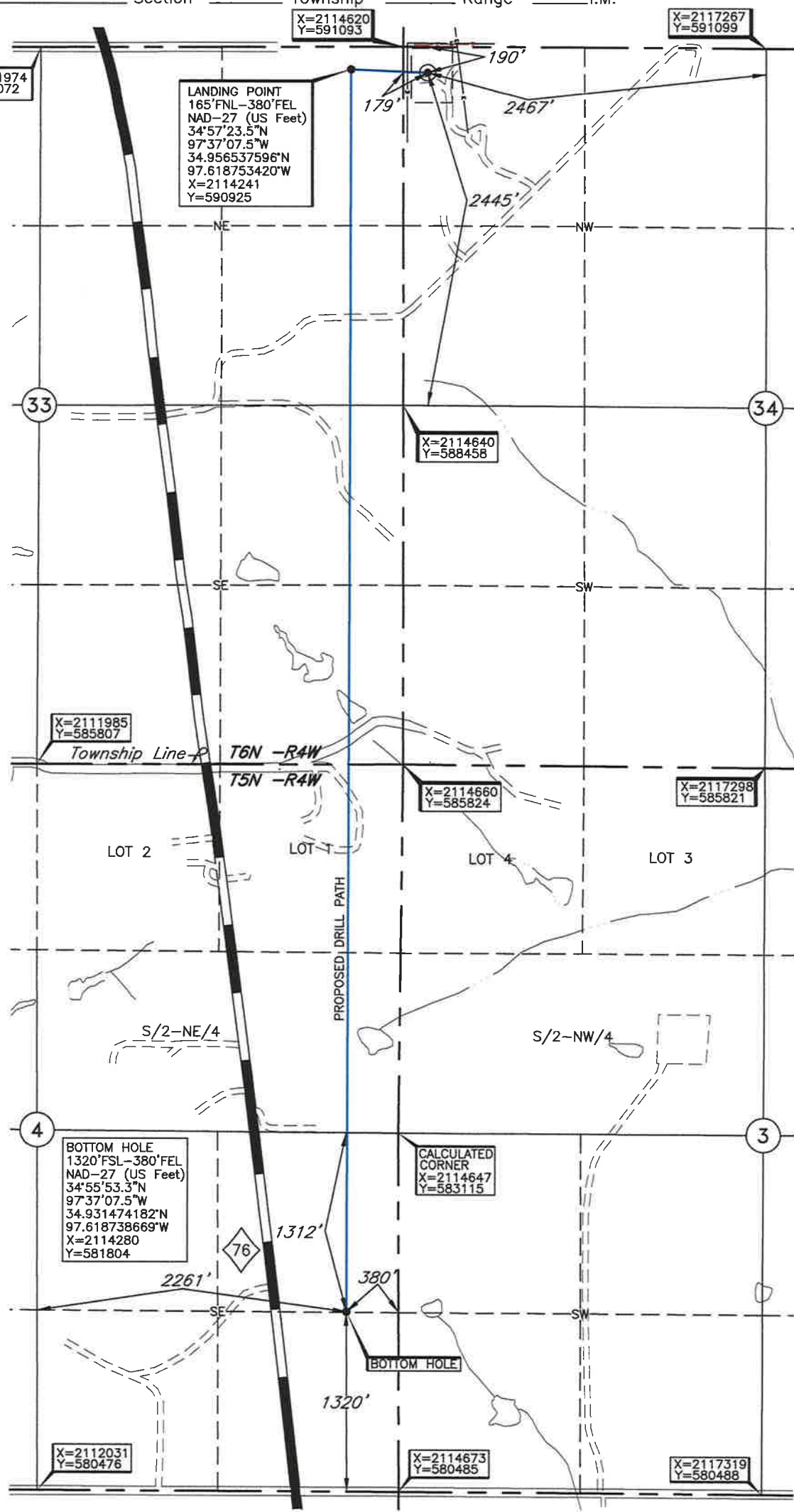
MCCLAIN

County, Oklahoma

190'FNL - 179'FWL Section 34 Township 6N Range 4W I.M.



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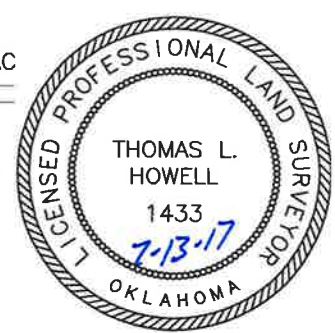
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LAT: 34°57'23.3\"/>

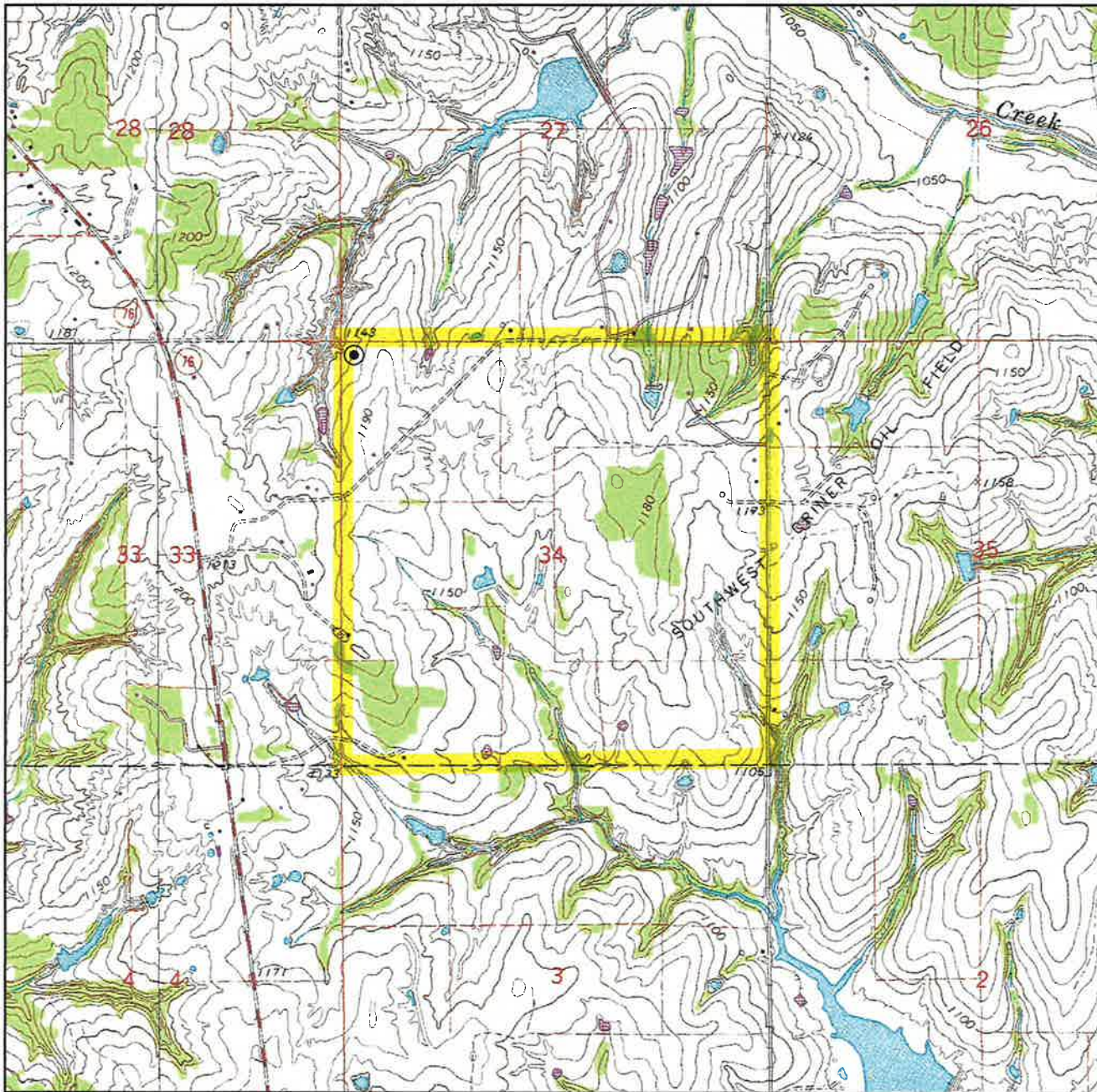
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 34 Twp. 6N Rng. 4W IM

County MCCLAIN State OK

Operator CASILLAS OPERATING, LLC

Description 190'FNL - 179'FWL

Lease COOP 1-33-4WXH

Elevation 1169' Gr. at Stake

U.S.G.S. Topographic
Quadrangle Map BRADLEY, 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

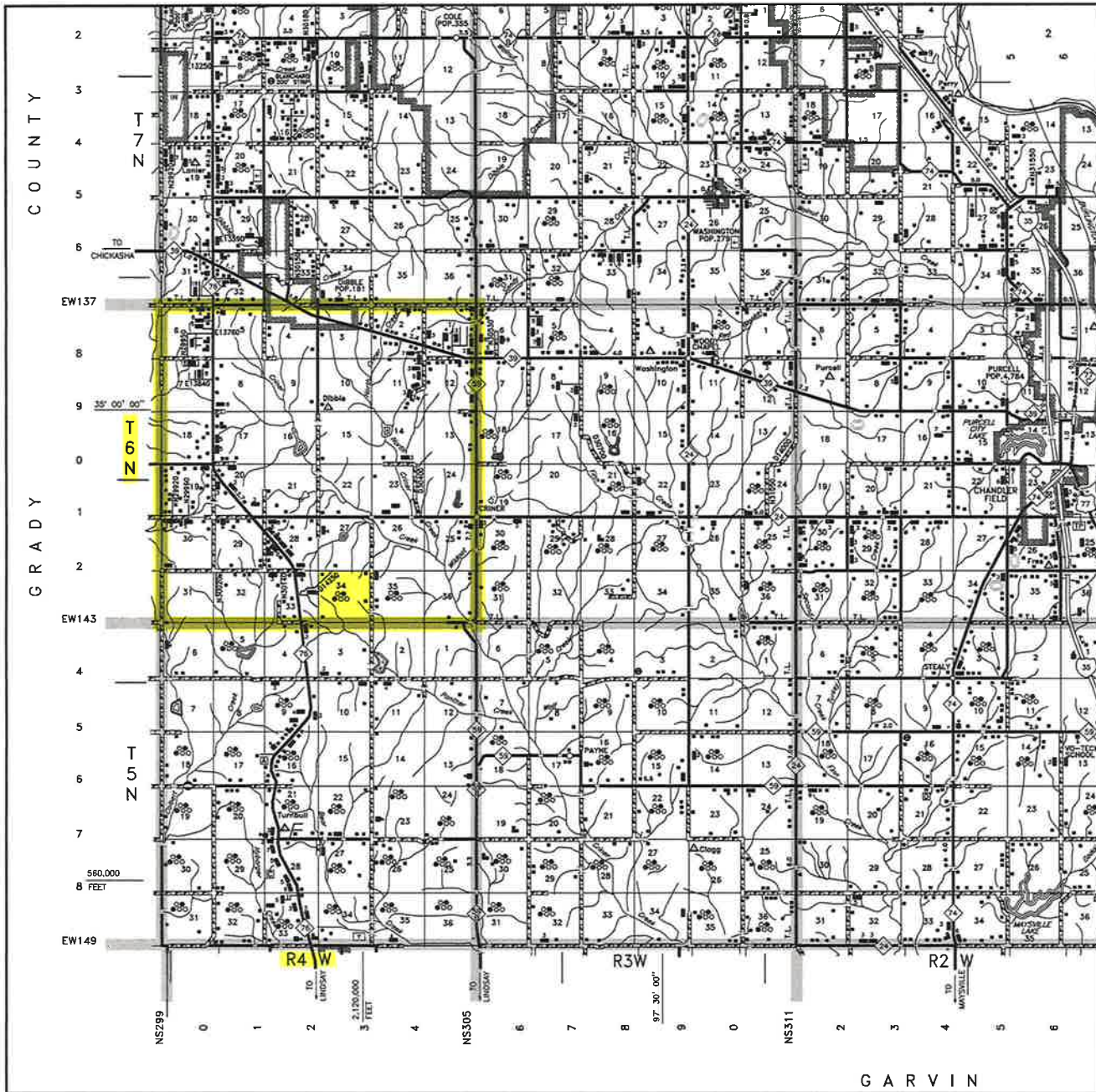
LAND SURVEYORS OF OKLAHOMA

May 04, 2017

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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 34 Twp. 6N Rng. 4W IM

County MCCLAIN State OK

Operator CASILLAS OPERATING, LLC



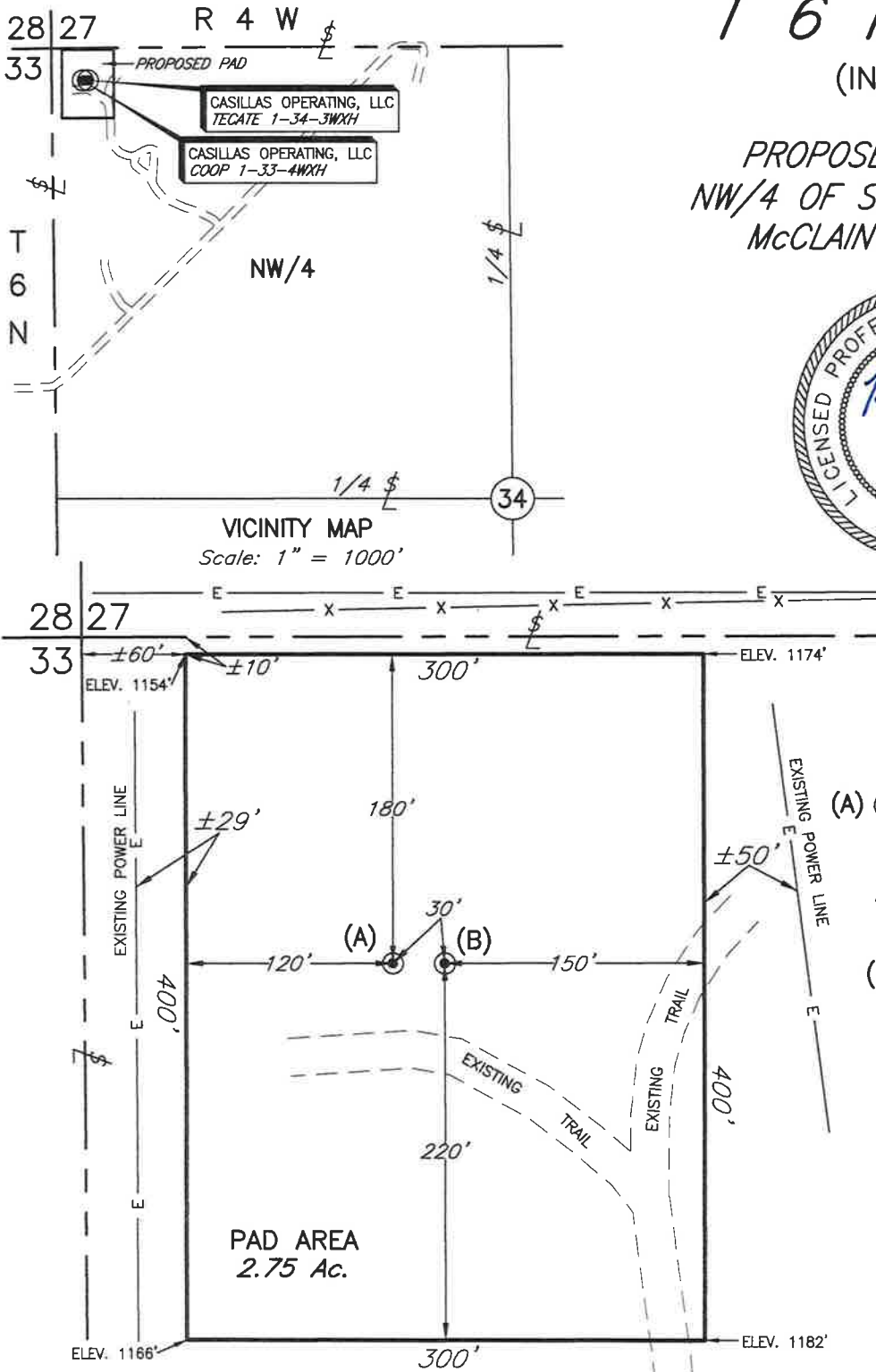
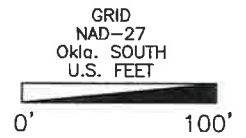
TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

LAND SURVEYORS OF OKLAHOMA

T 6 N - R 4 W

(INDIAN MERIDIAN)

PLAT SHOWING
PROPOSED PAD AREA IN THE
NW/4 OF SECTION 34, T6N - R4W
McCLAIN COUNTY, OKLAHOMA



(A) CASILLAS OPERATING, LLC
COOP 1-33-4WXH
190'FNL - 179'FWL
Elev. 1169' Gr.

(B) CASILLAS OPERATING, LLC
TECATE 1-34-3WXH
190'FNL - 209'FWL
Elev. 1170' Gr.

**SECTION 34
NW/4**

-NOTE-

The information shown herein
is for construction purposes
ONLY.

				This plat was prepared exclusively for		SCALE: 1" = 100'	
				CASILLAS OPERATING, LLC		DATE: 7-12-17	
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 278381	
NO.	REVISION	DATE	BY	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		FILE NAME: L2060A.DWG	
SUR. BY:	JF	7-7-17				DWG NO.: 103039-L2-060-A	
DRAWN BY:	AC					SHEET 1 OF 1	
APPROVED BY:	TH						