

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

API NUMBER: 049 25223

Approval Date: 10/05/2018

Expiration Date: 04/05/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 4N Rge: 3W

County: GARVIN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 395 430

Lease Name: CORONA

Well No: 1-31-30MXH

Well will be 395 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

DON & LINDA HOLDEN  
16361 EAST COUNTY ROAD 1500  
LINDSAY OK 73052

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

	Name	Depth	Name	Depth
1	SYCAMORE	8942	6	
2	WOODFORD	9272	7	
3			8	
4			9	
5			10	

Spacing Orders: 681001

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800189  
201806473

Special Orders:

Total Depth: 19400

Ground Elevation: 1097

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 250

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 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

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

PERMIT NO: 18-35417

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 30 Twp 4N 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: 8407

Radius of Turn: 563

Direction: 360

Total Length: 10109

Measured Total Depth: 19400

True Vertical Depth: 9272

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

Notes:

Category

Description

DEEP SURFACE CASING

10/1/2018 - 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

10/1/2018 - 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](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)

MEMO

10/1/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

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049 25223 CORONA 1-31-30MXH

Category	Description
PENDING CD - 201800189	10/5/2018 - G58 - (I.O.) 30 & 31-4N-3W EST MULTIUNIT HORIZONTAL WELL (WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO SCMR) X681001 SCMR, WDFD 30-4N-3W X681622 SCMR, WDFD 31-4N-3W 50% 30-4N-3W 50% 31-4N-3W NO OP. NAMED REC 5/22/2018 (JOHNSON)
PENDING CD - 201806473	10/5/2018 - G58 - (I.O.) 30 & 31-4N-3W X681001 SCMR, WDFD 30-4N-3W X681622 SCMR, WDFD 31-4N-3W X165:10-3-28(C)(2)(B) MAY BE CLOSER THAN 600' TO EXISTING WELL COMPL. INT. 31-4N-3W NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. 30-4N-3W NCT 0' FSL, NCT 165' FNL, NCT 330' FEL NO OP. NAMED REC (9/4/2018) DUNN
SPACING - 681001	10/5/2018 - G58 - (640)(HOR) 30-4N-3W EST SCMR EXT 660818 WDFD, OTHER COMPL. INT. (SCMR) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL (COEXIST SP. ORDER 201777 SCMR, OTHERS)
SPACING - 681622	10/5/2018 - G58 - (640)(HOR) 31-4N-3W EST SCMR, WDFD COMPL. INT. (SCMR) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST SP. ORDER 201777 SCMR; SP. ORDER 346083 SCMR. WDFD; SP. ORDER 385893 WDFD)

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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.

# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

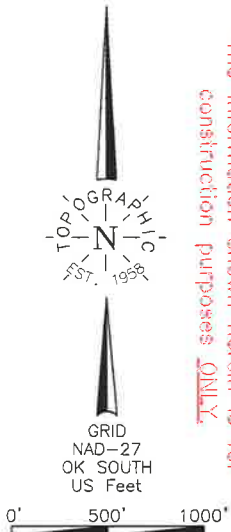
13800 Wireless Way, Okla. City, OK. 73134 (405) 843-4847 \* OUT OF STATE (800) 654-3219  
Certificate of Authorization No. 1293 LS

049-25223

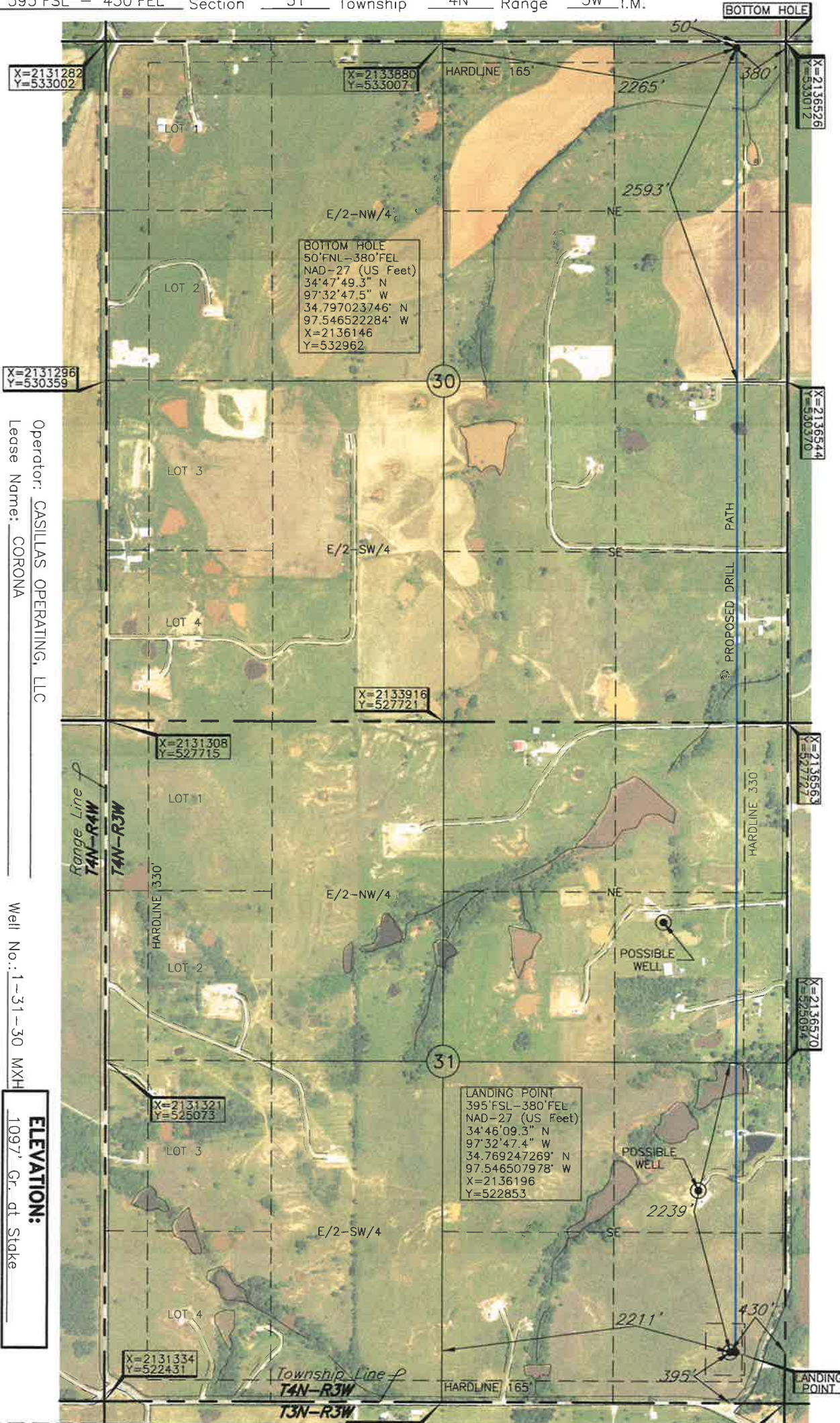
GARVIN

County, Oklahoma

395'FSL - 430'FEL Section 31 Township 4N Range 3W I.M.



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



Operator: CASILLAS OPERATING, LLC  
Lease Name: CORONA  
Topography & Vegetation Loc. fell in rough terraced posture  
Good Drill Site? Yes  
Reference Stakes or Alternate Location  
Stakes Set None  
Best Accessibility to Location From South off county road  
Distance & Direction From Jct. St. Hwy. 19 and St. Hwy. 76 on Eastside of Lindsay, OK, go ±3.0 mi. East on St. Hwy. 19, then ±4.0 mi. South on county road 3060 to the SE Cor. of Sec. 31-T4N-R3W

**ELEVATION:**  
1097' Gr. at Stake

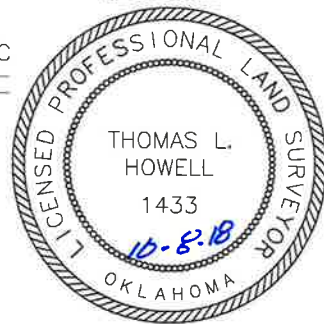
LANDING POINT, BOTTOM HOLE AND DRILL PATH INFORMATION PROVIDED BY OPERATOR LISTED, NOT SURVEYED.

Revision ☒ A Date of Drawing: Oct. 09, 2018  
Invoice # 282915 Date Staked: Oct. 24, 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°46'09.3"N  
LONG: 97°32'48.0"W  
LAT: 34.769248827° N  
LONG: 97.546673326° W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2136146  
Y: 522853



TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

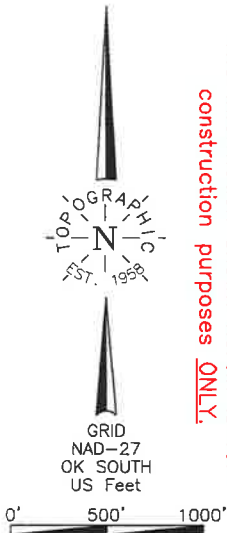
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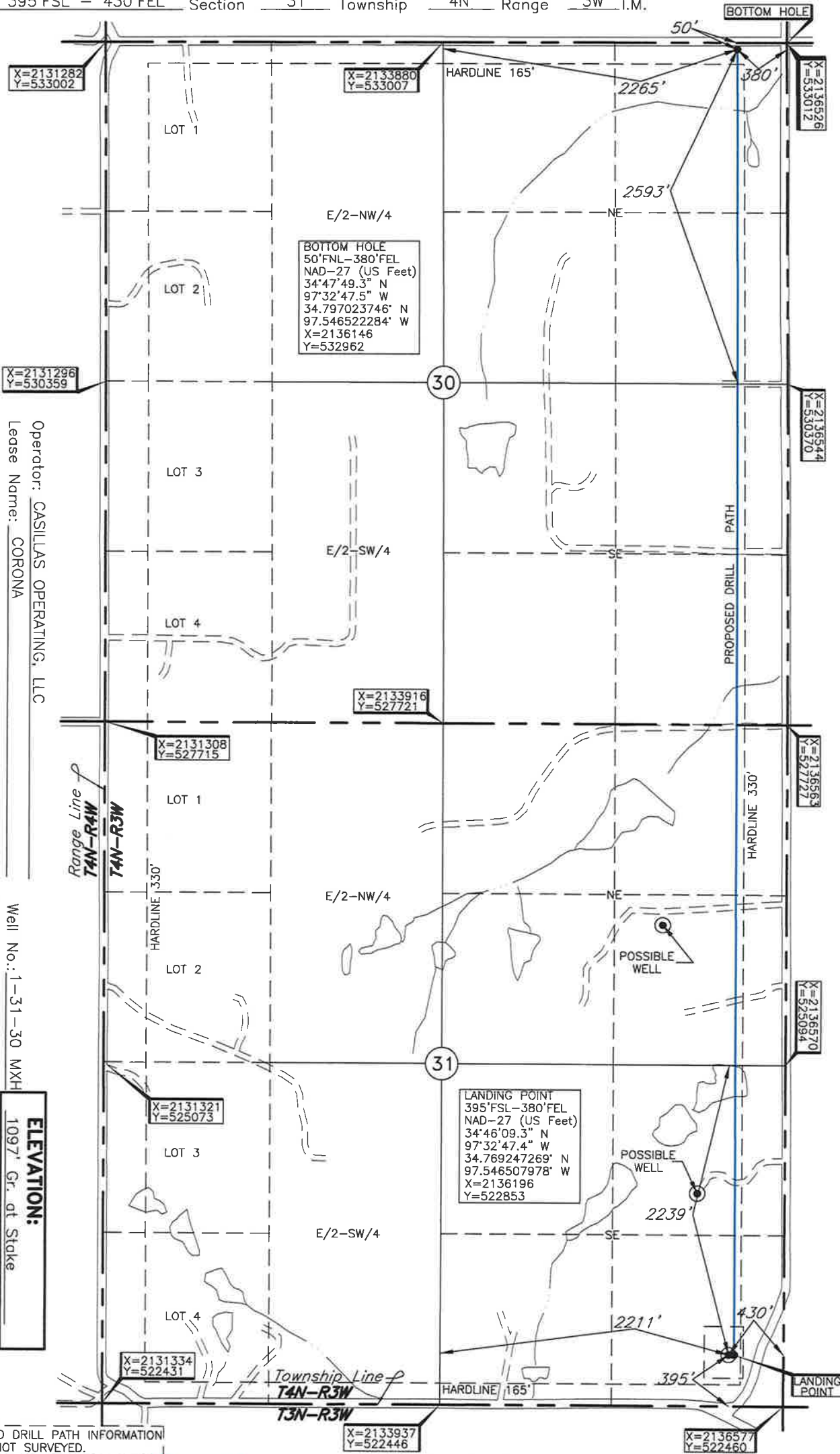
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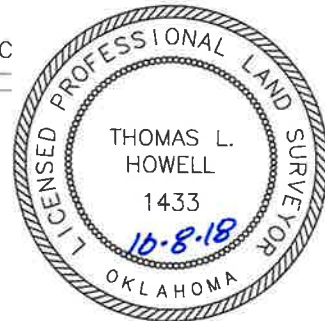
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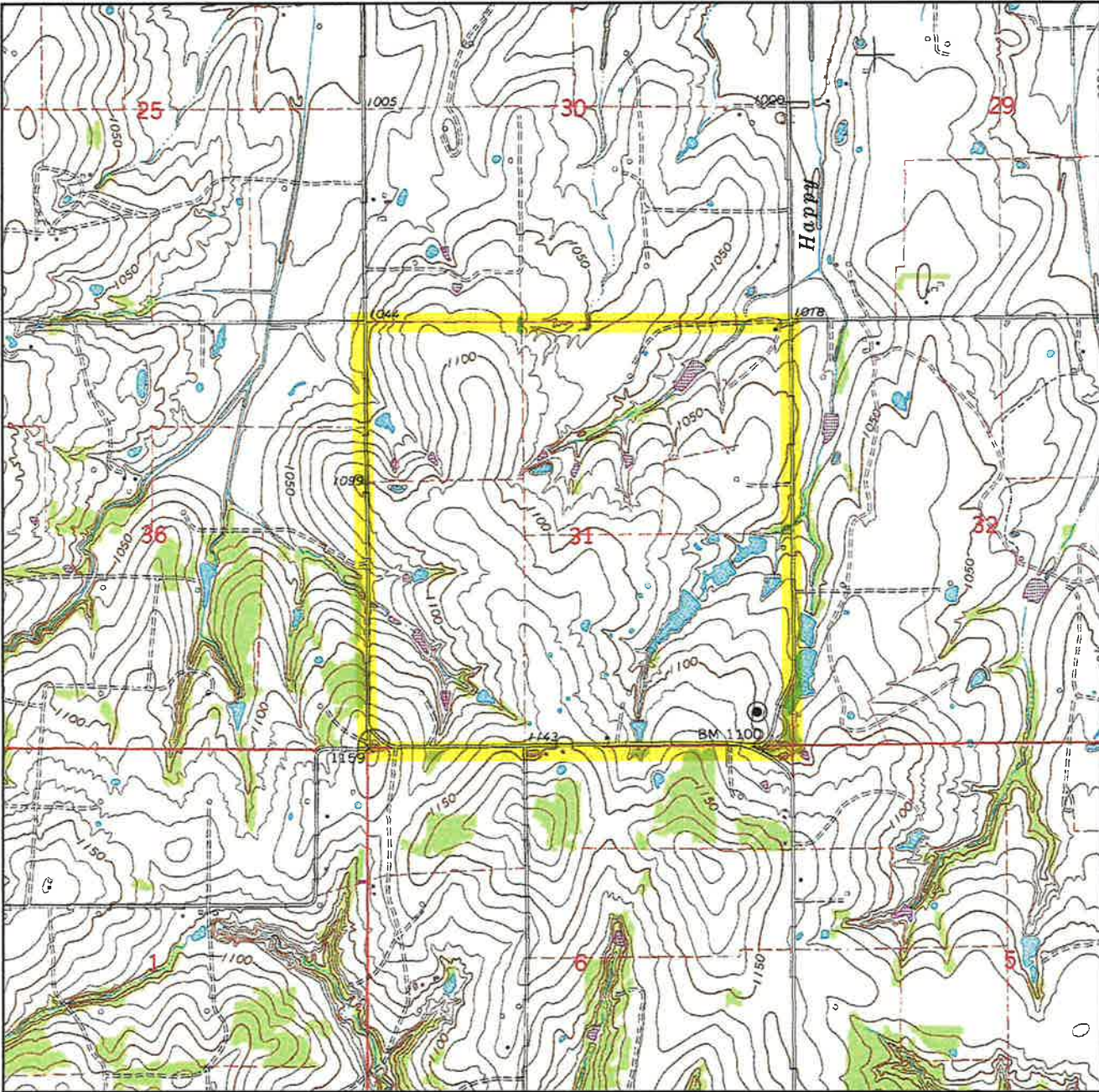
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

6709 North Classen Blvd. Oklahoma City, OK 73116 [www.topographic.com](http://www.topographic.com)

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

## LOCATION & ELEVATION VERIFICATION MAP



Sec. 31 Twp. 4N Rng. 3W IM

County GARVIN State OK

Operator CASILLAS OPERATING, LLC

Description 395' FSL - 430' FEL

Lease CORONA 1-31-30 MXH

Elevation 1097' 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**

Oct. 24, 2017

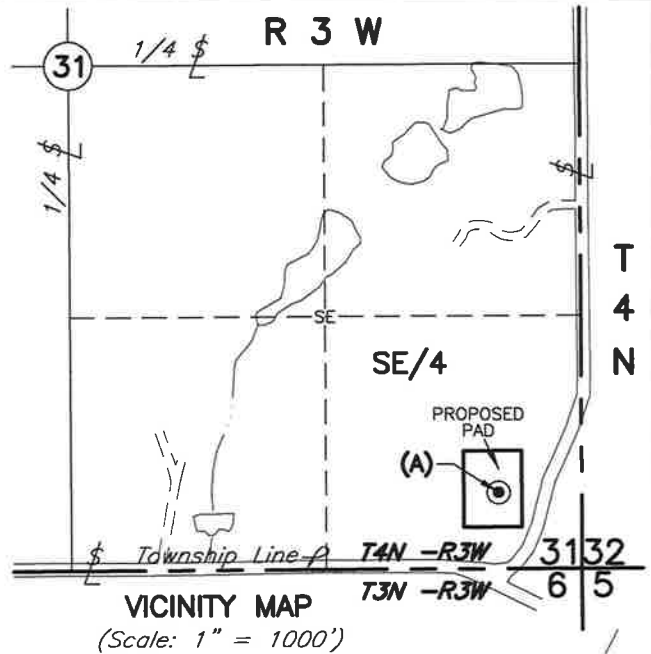
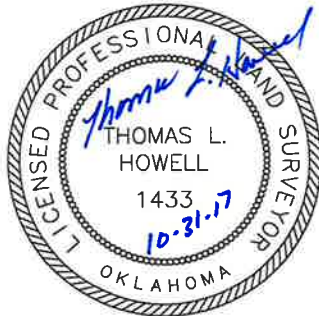


## VICINITY MAP

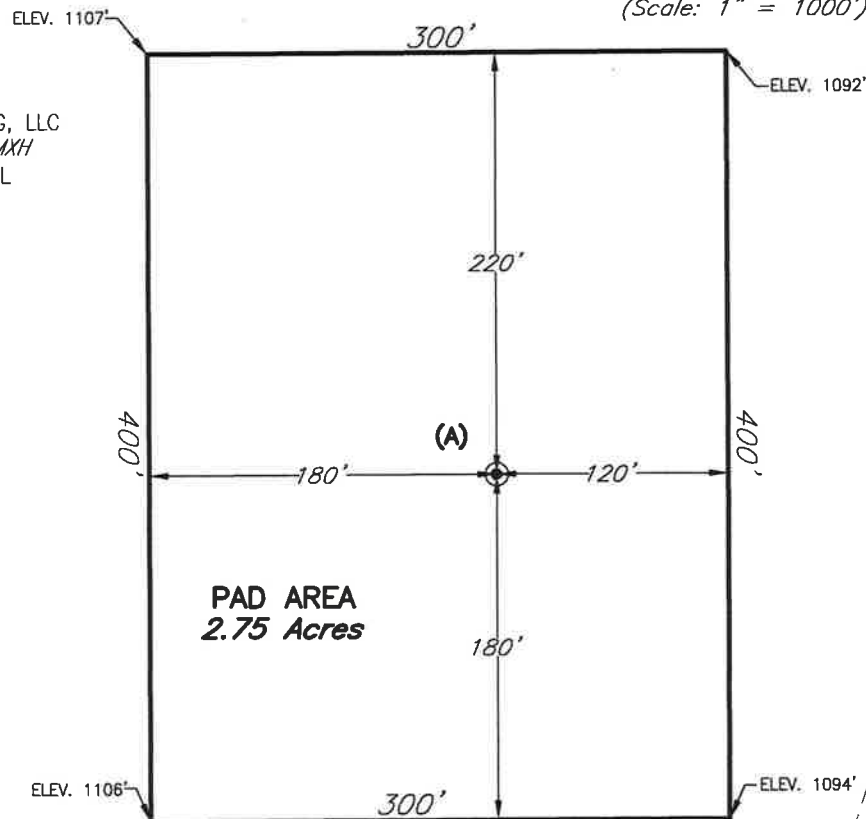
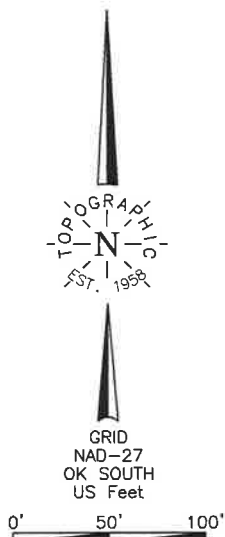


LAND SURVEYORS OF OKLAHOMA

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



(A) CASILLAS OPERATING, LLC  
CORONA 1-31-30 MXH  
395' FSL - 430' FEL  
Elev. 1097' Gr.



PLAT SHOWING  
**PROPOSED PAD AREA IN**  
**THE SE/4 OF SECTION 31, T4N - R3W**  
**GARVIN COUNTY, OKLAHOMA**

**NOTE:**

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

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.

NO.	REVISION	DATE	BY
SURV. BY:	JM	10-24-2017	
DRAWN BY:	AC		
APPROVED BY:	TH		

**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:	10/31/17
INVOICE NO.:	282915
FILE NAME:	L2105A.DWG
DWG NO.:	103039-L2-105-A
SHEET	1 OF 1