

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

API NUMBER: 051 24312

Approval Date: 03/29/2018

Expiration Date: 09/29/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 10 Twp: 8N Rge: 6W

County: GRADY

SPOT LOCATION: ☐ NW ☐ SW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 1972 283

Lease Name: BYERS 0806

Well No: 10-3-1MH

Well will be 283 feet from nearest unit or lease boundary.

Operator Name: CAMINO NATURAL RESOURCES LLC

Telephone: 7204052706

OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

JESSE A. CAMPBELL & ASHLEY R. CAMPBELL
820 STATE HIGHWAY 92
TUTTLE OK 73089

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	11710	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 674287

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201800847
201800846
201800848

Special Orders:

Total Depth: 19402

Ground Elevation: 1219

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 430

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? 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: 18-33963

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 03 Twp 8N Rge 6W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 100

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 10896

Radius of Turn: 477

Direction: 3

Total Length: 7758

Measured Total Depth: 19403

True Vertical Depth: 11710

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

3/22/2018 - 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

3/22/2018 - 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

3/22/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201800846

3/28/2018 - G58 - (640)(HOR) 3-8N-6W
VAC 663251 MISS
EXT 667608 MSSP
COMPL. INT. NLT 660' FB
REC 3/16/2018 (DUNN)

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.

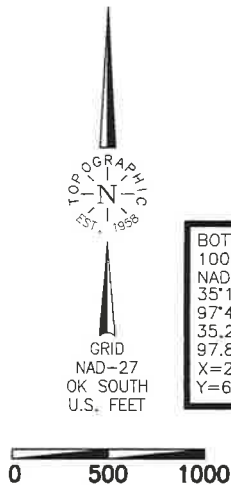
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

051 24312 BYERS 0806 10-3-1MH

Category	Description
PENDING CD - 201800847	3/29/2018 - G58 - (E.O.) 10 & 3-8N-6W EST MULTIUNIT HORIZONTAL WELL X674287 MSSP, OTHER (10-8N-6W) X201800846 MSSP, OTHER (3-8N-6W) 66% 3-8N-6W 34% 10-8N-6W NO OP. NAMED REC 3/16/2018 (DUNN)
PENDING CD - 201800848	3/29/2018 - G58 - (E.O.) 10 & 3-8N-6W X674287 MSSP, OTHER (10-8N-6W) X201800846 MSSP, OTHER (3-8N-6W) COMPL. INT. (10-8N-6W) NCT 0' FNL, NCT 2640' FSL, NCT 330' FWL COMPL. INT. (3-8N-6W) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC 3/16/2018 (DUNN)
PENDING CD - 201801135	3/29/2018 - G58 - 10-8N-6W X674287 MSSP 1 WELL NO OP. NAMED REC 3/16/2018 (DUNN)
SPACING - 674287	3/29/2018 - G58 - (E.O.)(640)(HOR) 10-8N-6W EXT OTHER EST MSSP COMPL. INT. NLT 660' FB

051-24312

670'FNL-283'FWL-SW/4 Section 10 Township 8N Range 6W I.M.



BOTTOM HOLE
100'FNL-380'FWL
NAD-27 (US Feet)
35°12'12.1" N
97°49'38.9" W
35.203368584' N
97.827470487' W
X=2051545
Y=680591

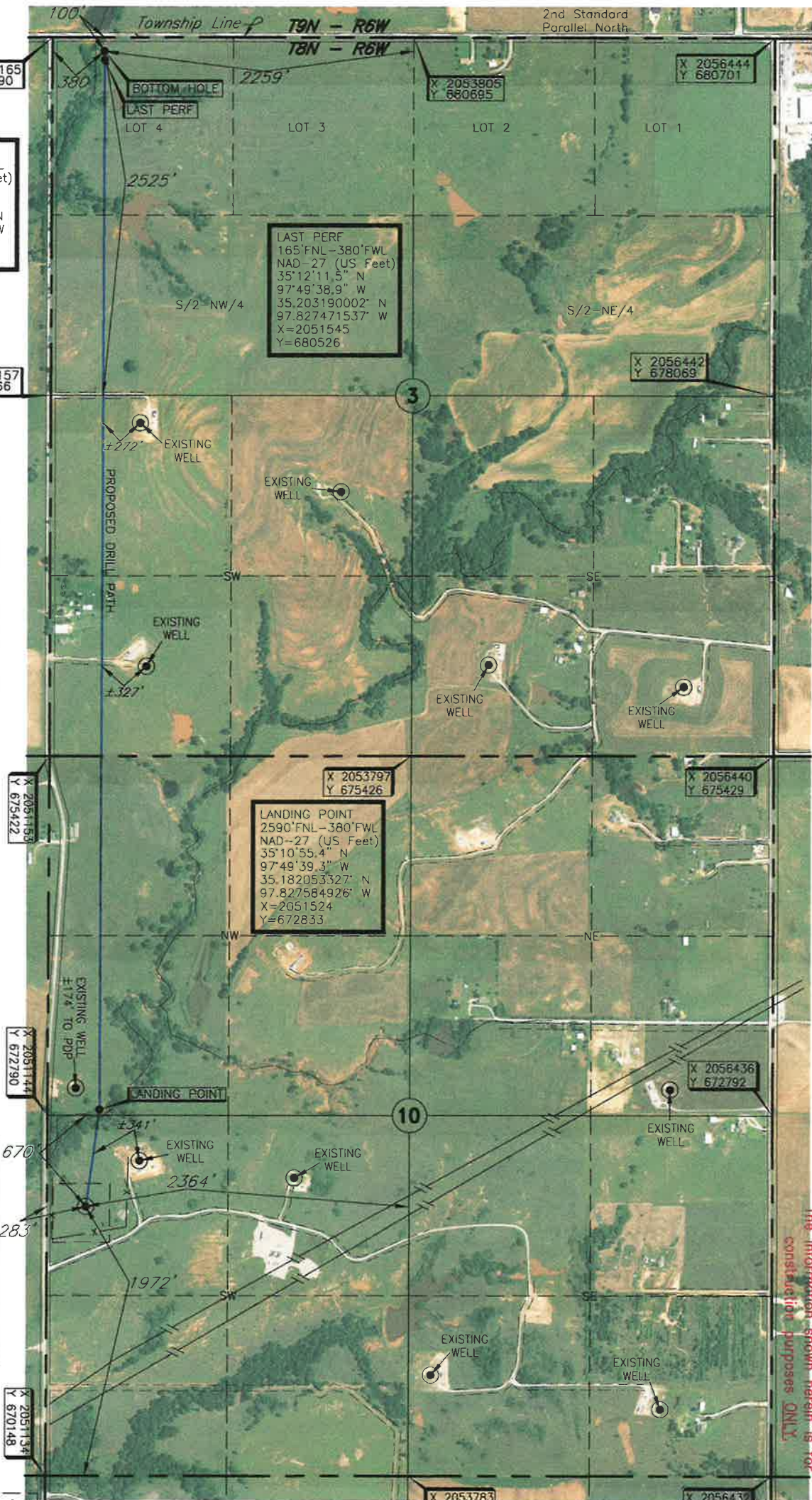
LAST PERF
165'FNL-380'FWL
NAD-27 (US Feet)
35°12'11.5" N
97°49'38.9" W
35.203190002' N
97.827471537' W
X=2051545
Y=680526

X 2051157
Y 678066

X 2056442
Y 678069

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name: BYERS 0806
Topography & Vegetation Loc. fell on pod underconstruction, ±194' NW of NE-SW fence, ±294' NW of catch pen
Good Drill Site? Yes
Stakes Set None
Well No.: 10-3-1MH
ELEVATION: 1219' Gr. at Stake

Best Accessibility to Location From West off county road
Distance & Direction From St. Hwy. 92 at Amber, OK, go ±3.0 mi. East, then ±1.0 mi. North to the SW Cor. of Sec. 10-T8N-R6W.



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

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

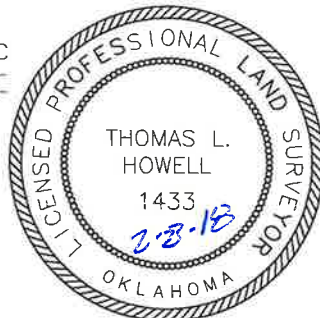
DATUM: NAD-27
LAT: 35°10'48.3"N
LONG: 97°49'40.5"W
LAT: 35.180095887° N
LONG: 97.827922002° W
STATE PLANE COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2051425
Y: 672120

Date of Drawing: Feb. 21, 2018
Invoice # 288125A Date Staked: Feb. 19, 2018 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

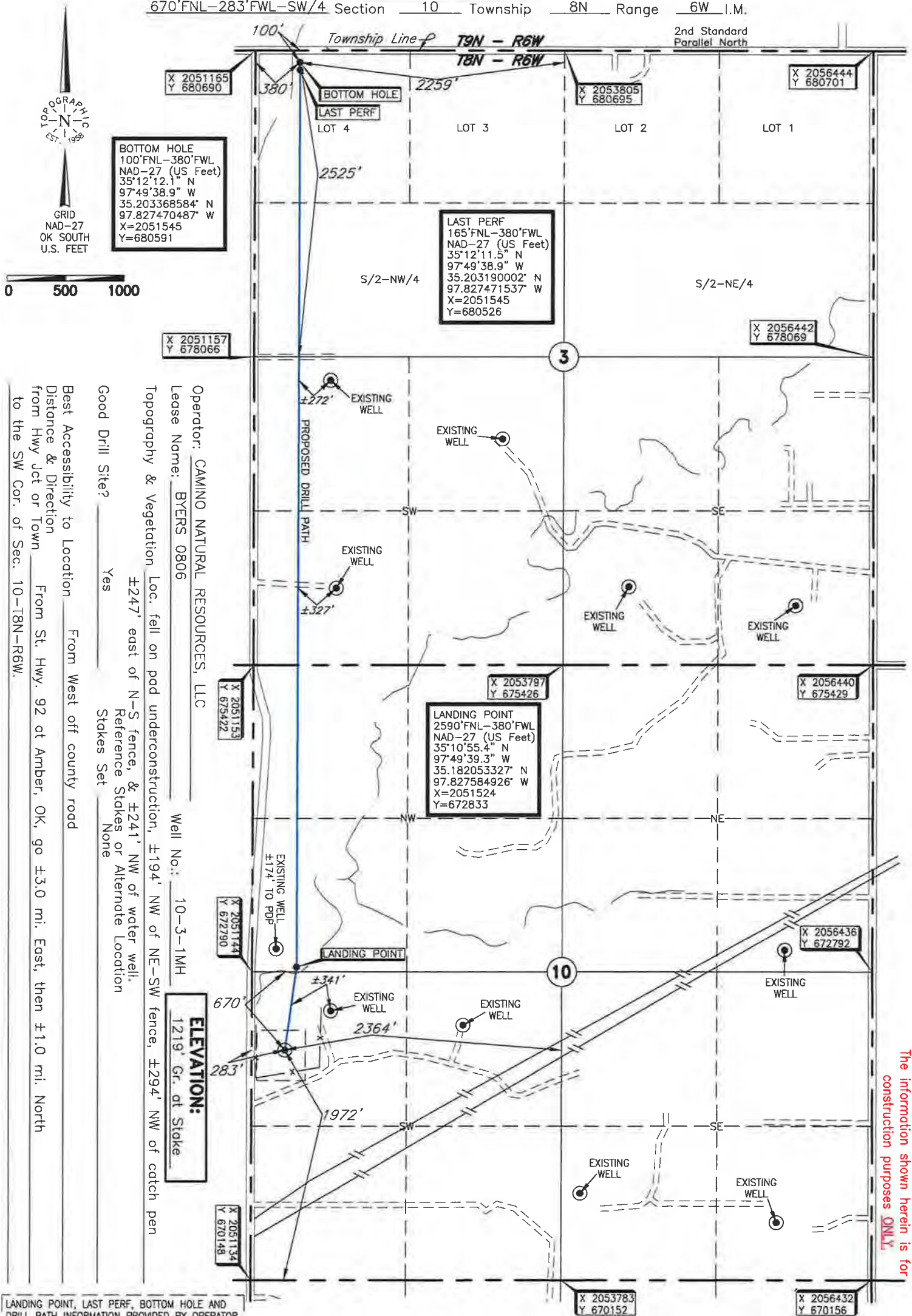
Thomas L. Howell
Oklahoma Lic. No. 1433



GRADY

County, Oklahoma

670'FNL-283'FWL-SW/4 Section 10 Township 8N Range 6W I.M.



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LISTED, NOT SURVEYED.

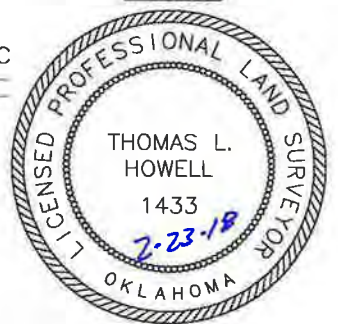
DATUM: NAD-27
LAT: 35°10'48.3"N
LONG: 97°49'40.5"W
LAT: 35.180095887° N
LONG: 97.827922002° W
STATE PLANE
COORDINATES: (US Feet)
ZONE: OK SOUTH
X: 2051425
Y: 672120

Date of Drawing: Feb. 21, 2018
Invoice # 288125A Date Staked: Feb. 19, 2018 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



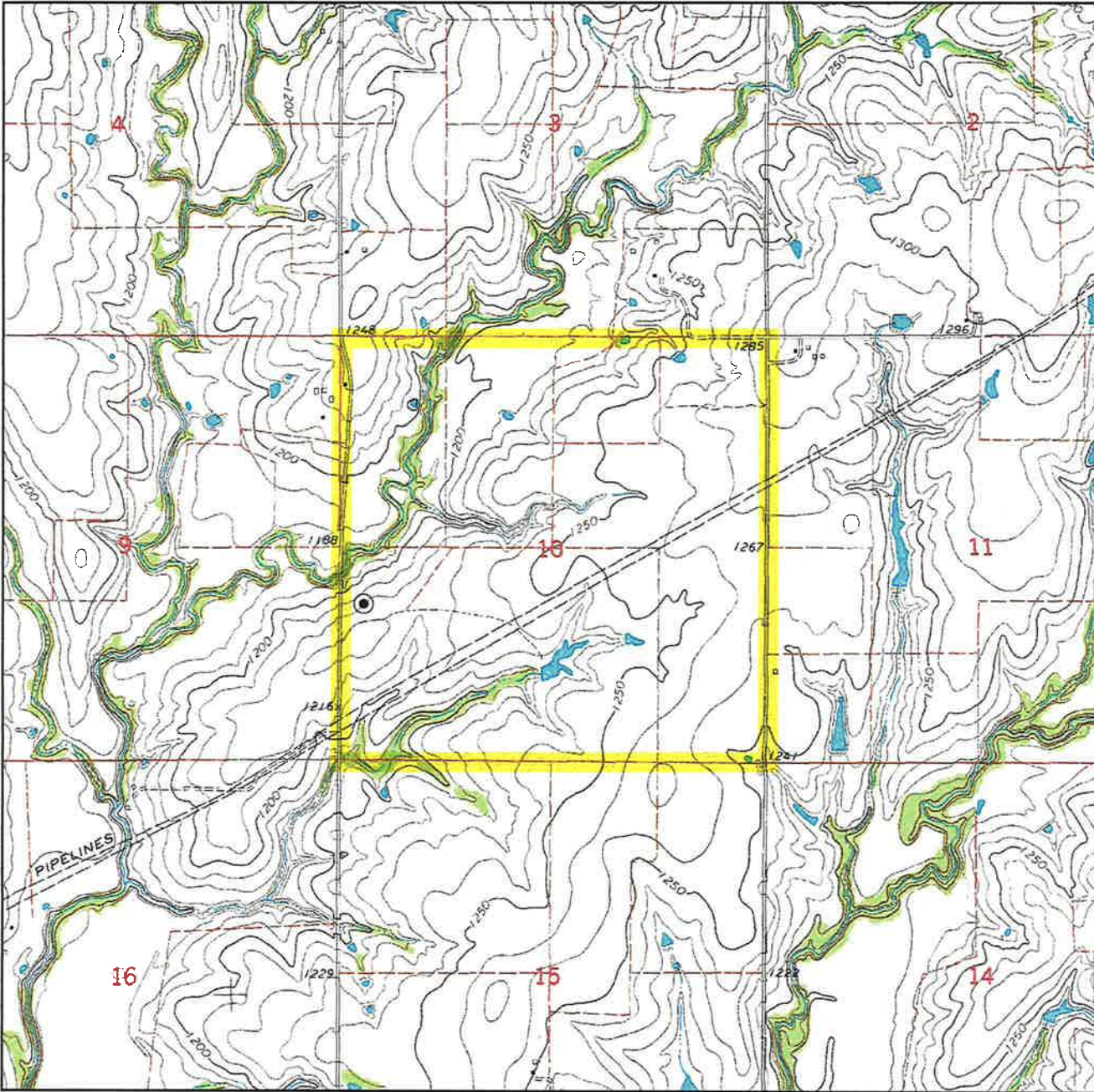
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

Surveying and Mapping for the Energy Industry

13800 Wireless Way, Oklahoma City, OK 73134 www.topographic.com

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

LOCATION & ELEVATION VERIFICATION MAP



Sec. 10 Twp. 8N Rng. 6W IM

County GRADY State OK

Operator CAMINO NATURAL RESOURCES, LLC

Description 670'FNL-283'FWL-SW/4

Lease BYERS 0806 10-3-1MH

Elevation 1219' 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.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

LAND SURVEYORS OF OKLAHOMA

Feb. 19, 2018

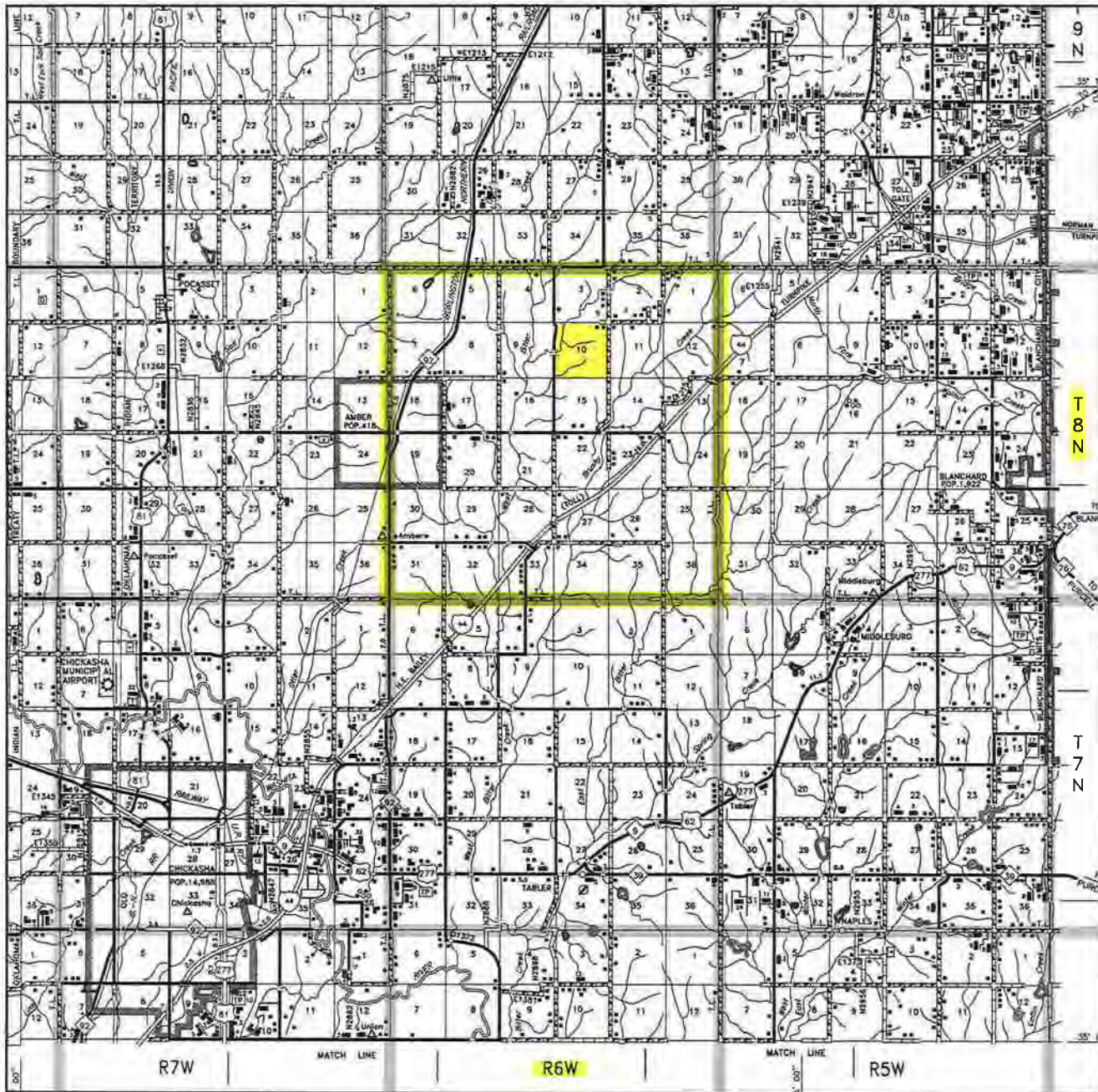
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VICINITY MAP



Scale: 1" = 3 Miles

Sec. 10 Twp. 8N Rng. 6W IM

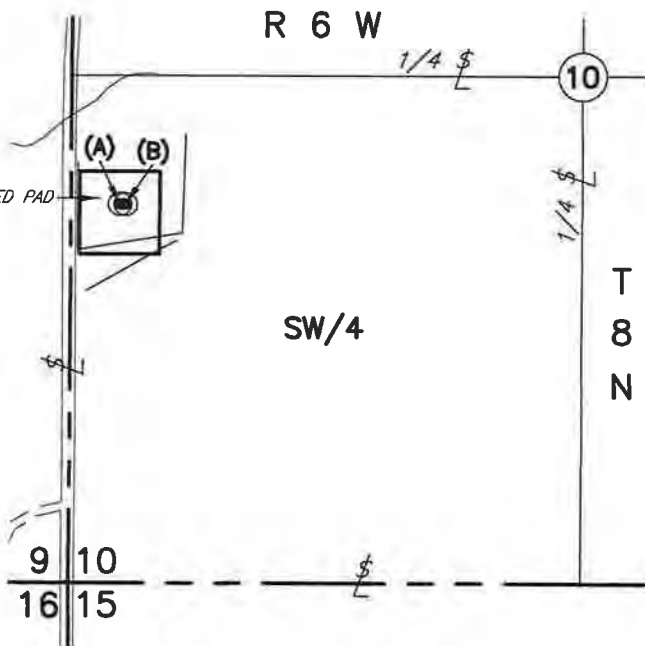
County GRADY State OK

Operator CAMINO NATURAL RESOURCES, LLC



LAND SURVEYORS OF OKLAHOMA

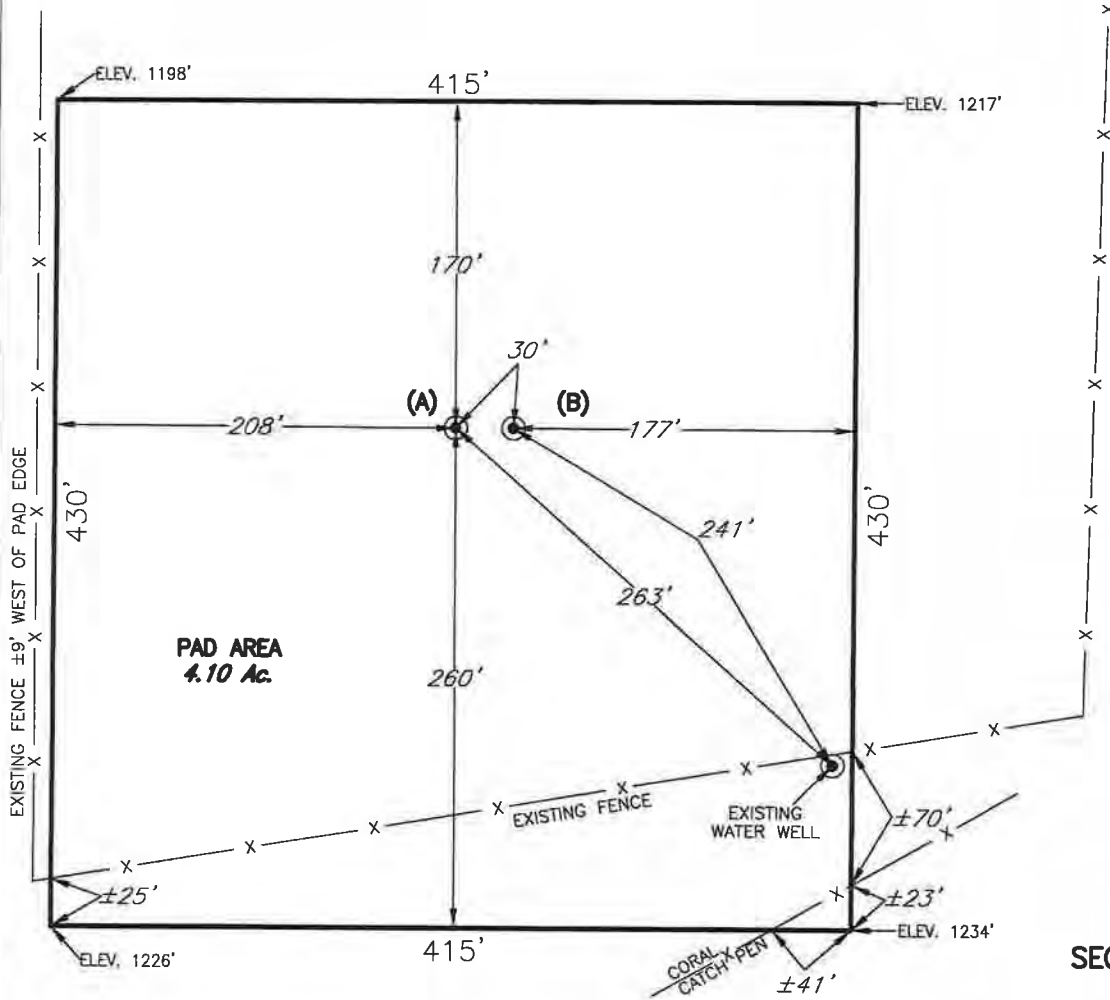
T 8 N - R 6 W
(INDIAN MERIDIAN)



VICINITY MAP
Scale: 1" = 1000'

(A) CAMINO NATURAL RESOURCES, LLC
UNCOMPAHGRE 0806 10-15-1-MH
670'FNL-253'FWL-SW/4
Elev. 1219' Gr.

(B) CAMINO NATURAL RESOURCES, LLC
BYERS 0806 10-3-1MH
670'FNL-283'FWL-SW/4
Elev. 1219' Gr.



NOTE:

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PLAT SHOWING
PROPOSED PAD AREA IN THE
SW/4 OF SECTION 10, T8N - R6W
GRADY COUNTY, OKLAHOMA

				This plat was prepared exclusively for		SCALE: 1" = 100'
				CAMINO NATURAL RESOURCES, LLC		DATE: 2-05-18
				and may not be relied upon by any other entity without the written consent of Topographic Land Surveyors of Oklahoma		INVOICE NO.: 288125
NO.	REVISION	DATE	BY	SURVEYING AND MAPPING BY		FILE NAME: L4005A.DWG
SUR. BY:	JF	1-31-18		TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA		DWG NO.: 103026-L4-005-A
DRAWN BY:	AC			13800 Wireless Way, Okla. City, OK, 73134 (405) 843-4847		SHEET 1 OF 1
APPROVED BY:	TH			Certificate of Authorization No. 1293 LS		