

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

API NUMBER: 017 25279

Approval Date: 09/19/2018

Expiration Date: 03/19/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 11N Rge: 7W County: CANADIAN  
SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 2475 370

Lease Name: SCISSORTAIL 1107 Well No: 5-8-1MH Well will be 370 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

KIM ANDERSON  
21895 W NORTH AVENUE  
BROOKFIELD WI 53045

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10117	6	
2	WOODFORD	10287	7	
3			8	
4			9	
5			10	

Spacing Orders: 281964  
190361  
681956  
284759

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201805273  
201805276  
201805269  
201805264

Special Orders:

Total Depth: 18208 Ground Elevation: 1372 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: 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 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: DOG CREEK

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35197  
H. CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK)

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.

# HORIZONTAL HOLE 1

Sec 08 Twp 11N Rge 7W County CANADIAN

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 9630

Radius of Turn: 490

Direction: 180

Total Length: 7878

Measured Total Depth: 18208

True Vertical Depth: 10287

End Point Location from Lease,  
Unit, or Property Line: 100

## Notes:

### Category

### Description

DEEP SURFACE CASING

9/6/2018 - 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

9/6/2018 - 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)

PENDING CD - 201805264

9/19/2018 - G58 - 5-11N-7W  
X190361 MSSP  
2 WELLS  
NO OP. NAMED  
REC 7/27/2018 (M. PORTER)

PENDING CD - 201805269

9/19/2018 - G58 - 8-11N-7W  
X281964 MSSP  
1 WELL  
NO OP. NAMED  
REC 7/27/2018 (M. PORTER)

PENDING CD - 201805273

9/19/2018 - G58 - (I.O.) 5 & 8-11N-7W  
EST MULTIUNIT HORIZONTAL WELL  
X190361 MSSP 5-11N-7W  
X681956 WDFD 5-11N-7W  
X281964/284759 WDFD 8-11N-7W  
(WDFD IS ADJACENT COMMON SOURCE OF SUPPLY TO MSSP)  
33.33% 5-11N-7W  
66.67% 8-11N-7W  
NO OP. NAMED  
REC 7/27/2018 (M. PORTER)

PENDING CD - 201805276

9/19/2018 - G58 - (I.O.) 5 & 8-11N-7W  
X190361 MSSP 5-11N-7W  
X681956 WDFD 5-11N-7W  
X281964/284759 WDFD 8-11N-7W  
COMPL. INT. 5-11N-7W NCT 1900' FNL, NCT 0' FSL, NCT 330' FEL  
COMPL. INT. 8-11N-7W NCT 0' FNL, NCT 165' FSL, NCT 330' FEL  
NO OP. NAMED  
REC 7/27/2018 (M. PORTER)

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

017 25279 SCISSORTAIL 1107 5-8-1MH

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
SPACING - 190361	9/19/2018 - G58 - (640) 5-11N-7W EST OTHERS EXT OTHERS EXT 126170 MSSP
SPACING - 281964	9/19/2018 - G58 - (640) 8-11N-7W EXT OTHERS EXT 190361 MSSP, OTHERS EXT 251448 WDFD
SPACING - 284759	9/19/2018 - G58 - NPT TO 281964 TO CORRECT ORDER EXTENDED FOR PRUE COMMON SOURCE OF SUPPLY
SPACING - 681956	9/19/2018 - G58 - (640)(HOR) 5-11N-7W EXT 673940 WDFD COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL

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.

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

CANADIAN

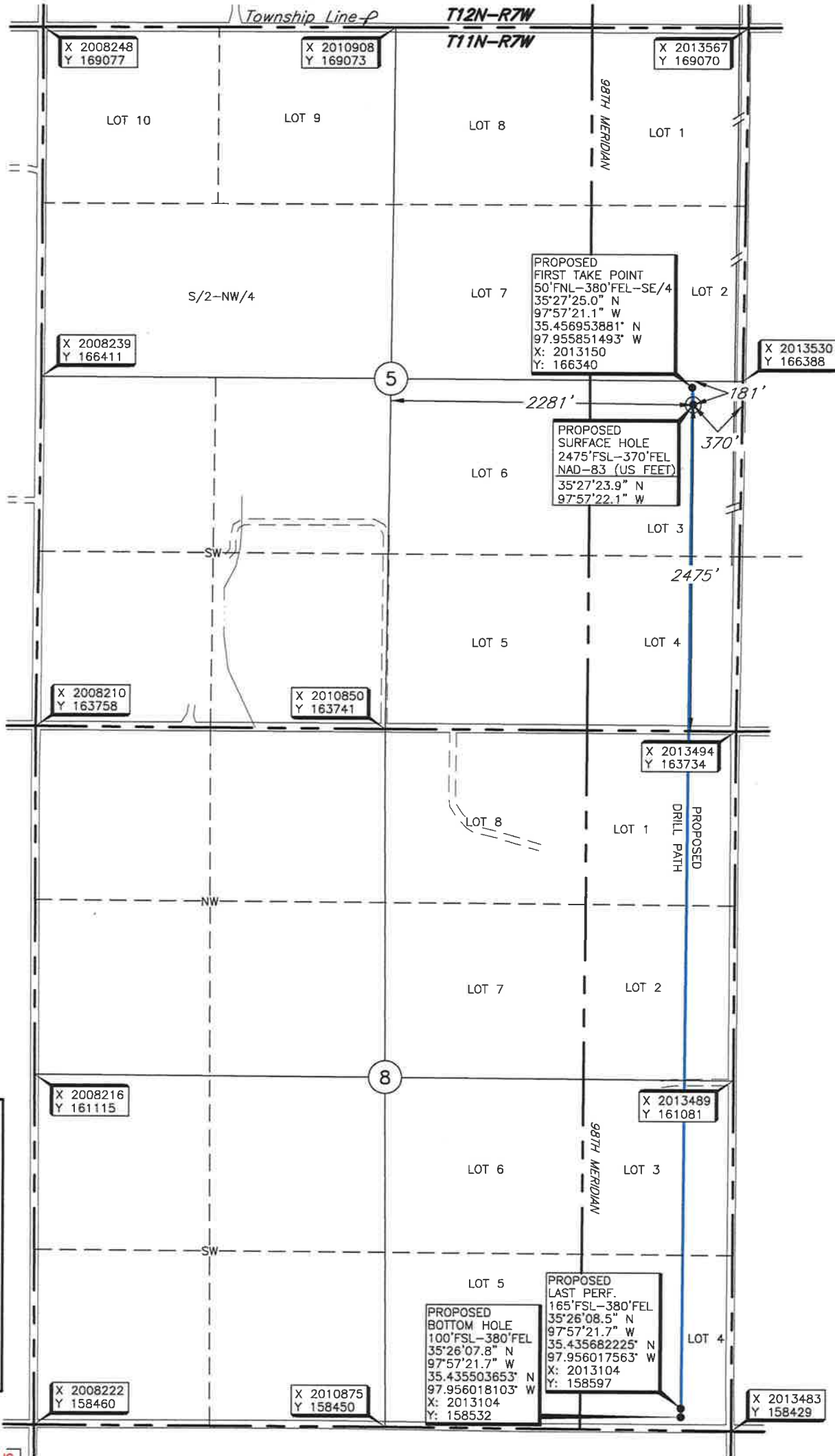
County, Oklahoma

017-25279

2475'FSL-370'FEL Section 5 Township 11N Range 7W I.M.



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



Operator: CAMINO NATURAL RESOURCES, LLC.  
Lease Name: SCISSORTAIL 1107  
Well No.: 5-8-1MH  
Topography & Vegetation Location fell in terraced wheat field  
Good Drill Site? Yes  
Best Accessibility to Location From East off county road  
Distance & Direction From the junction of US Hwy 81 & I-40/US Hwy 270 in El Reno, Oklahoma, go ± 2.5 miles South on US Hwy 281, then ± 1 mile West to the Northeast Corner of Section 5, T11N-R7W.  
Reference Stakes or Alternate Location  
Stakes Set None

ELEVATION:  
1372' Gr. at Stake (NAVD 88)  
1372' Gr. at Stake (NGVD 29)

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

Revision ☒ B Date of Drawing: Aug. 15, 2018  
Invoice # 292479A Date Staked: May 9, 2018 NB

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: 35°27'23.7" N  
LONG: 97°57'21.0" W  
LAT: 35.456595212° N  
LONG: 97.955824378° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2013158  
Y: 166210



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

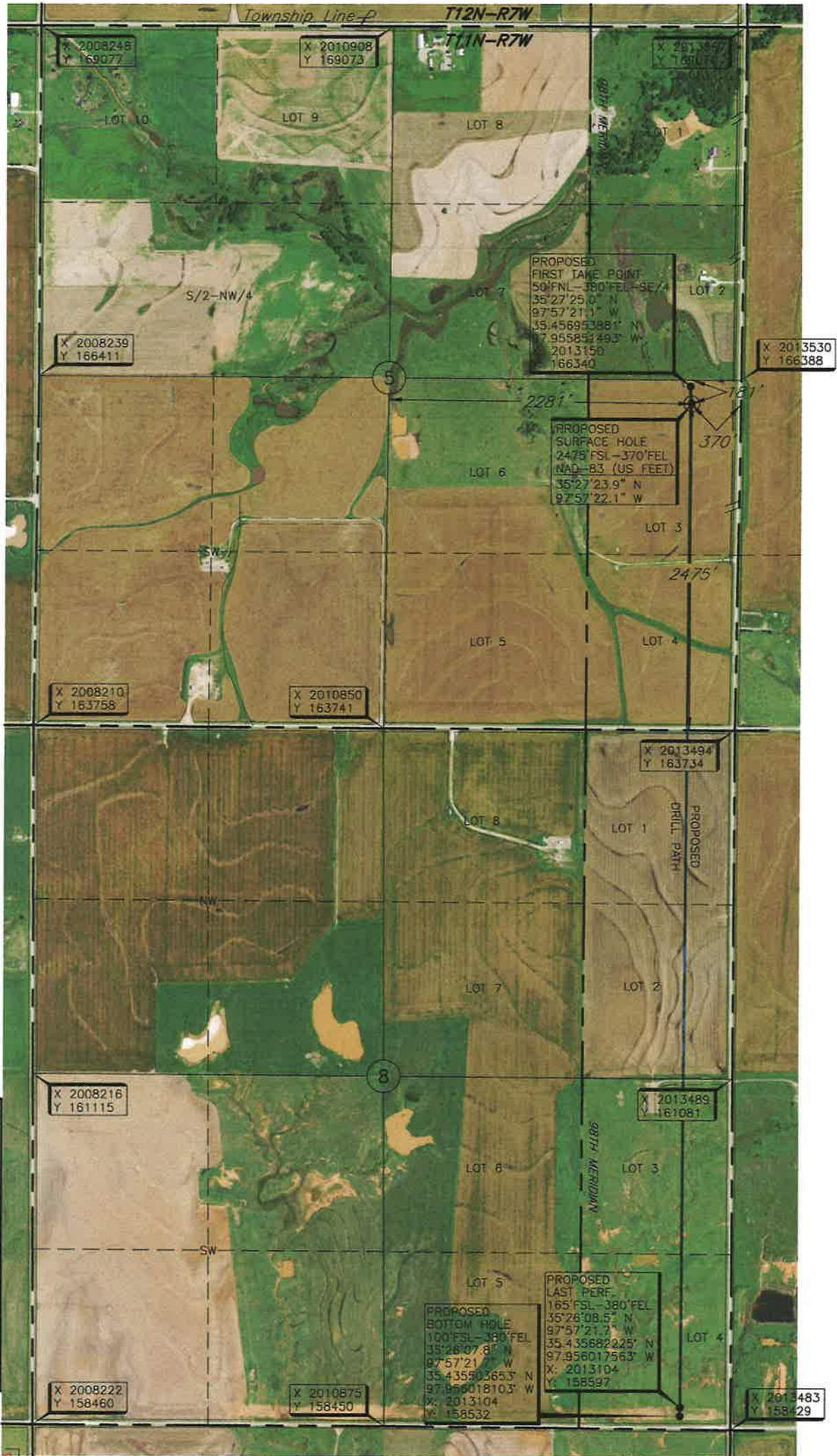
CANADIAN

County, Oklahoma

2475'FSL-370'FEL Section 5 Township 11N Range 7W 1.M.



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



Operator: CAMINO NATURAL RESOURCES, LLC.  
Lease Name: SCISSORTAIL 1107

Well No.: 5-8-1MH

ELEVATION:

1372' Gr. at Stake (NAVD 88)  
1372' Gr. at Stake (NGVD 29)

Topography & Vegetation Location fell in terraced wheat field

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 US Hwy 81 & I-40/US Hwy 270 in El Reno, Oklahoma, go ± 2.5 miles

South on US Hwy 281, then ± 1 mile West to the Northeast Corner of Section 5, T11N-R7W.

THE INFORMATION SHOWN HEREIN IS  
FOR CONSTRUCTION PURPOSES ONLY

Revision ☒ B

Date of Drawing: Aug. 15, 2018

Invoice # 292479A

Date Staked: May 9, 2018

NB

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



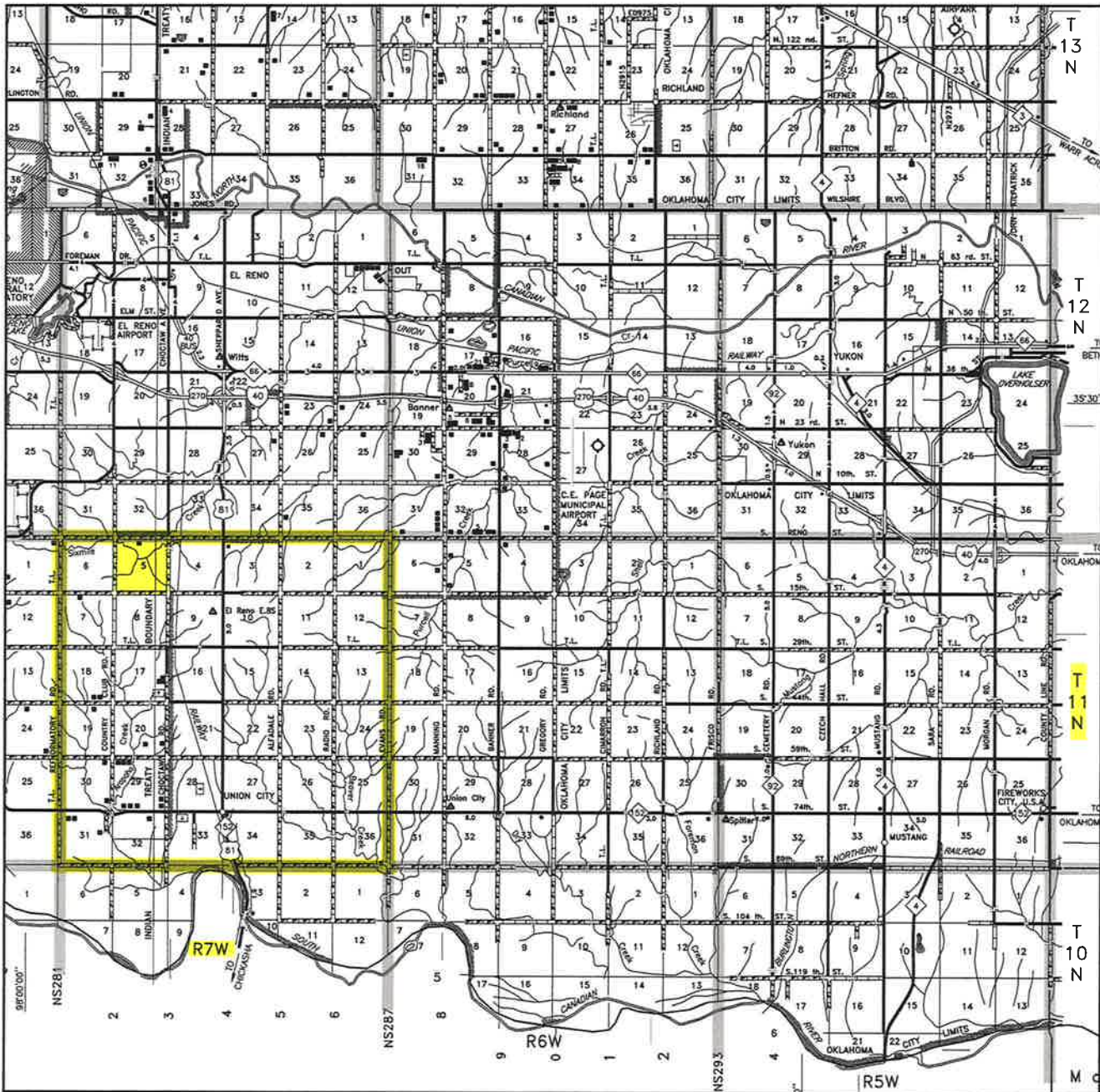
DATUM: NAD-27  
LAT: 35°27'23.7" N  
LONG: 97°57'21.0" W  
LAT: 35.456595212° N  
LONG: 97.955824378° W  
STATE PLANE  
COORDINATES (US FEET):  
ZONE: OK NORTH  
X: 2013158  
Y: 166210



# 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

## VICINITY MAP



Scale: 1" = 3 Miles

Sec. 5 Twp. 11N Rng. 7W I.M.

County CANADIAN State OK

Operator CAMINO NATURAL RESOURCES, LLC.



LAND SURVEYORS OF OKLAHOMA



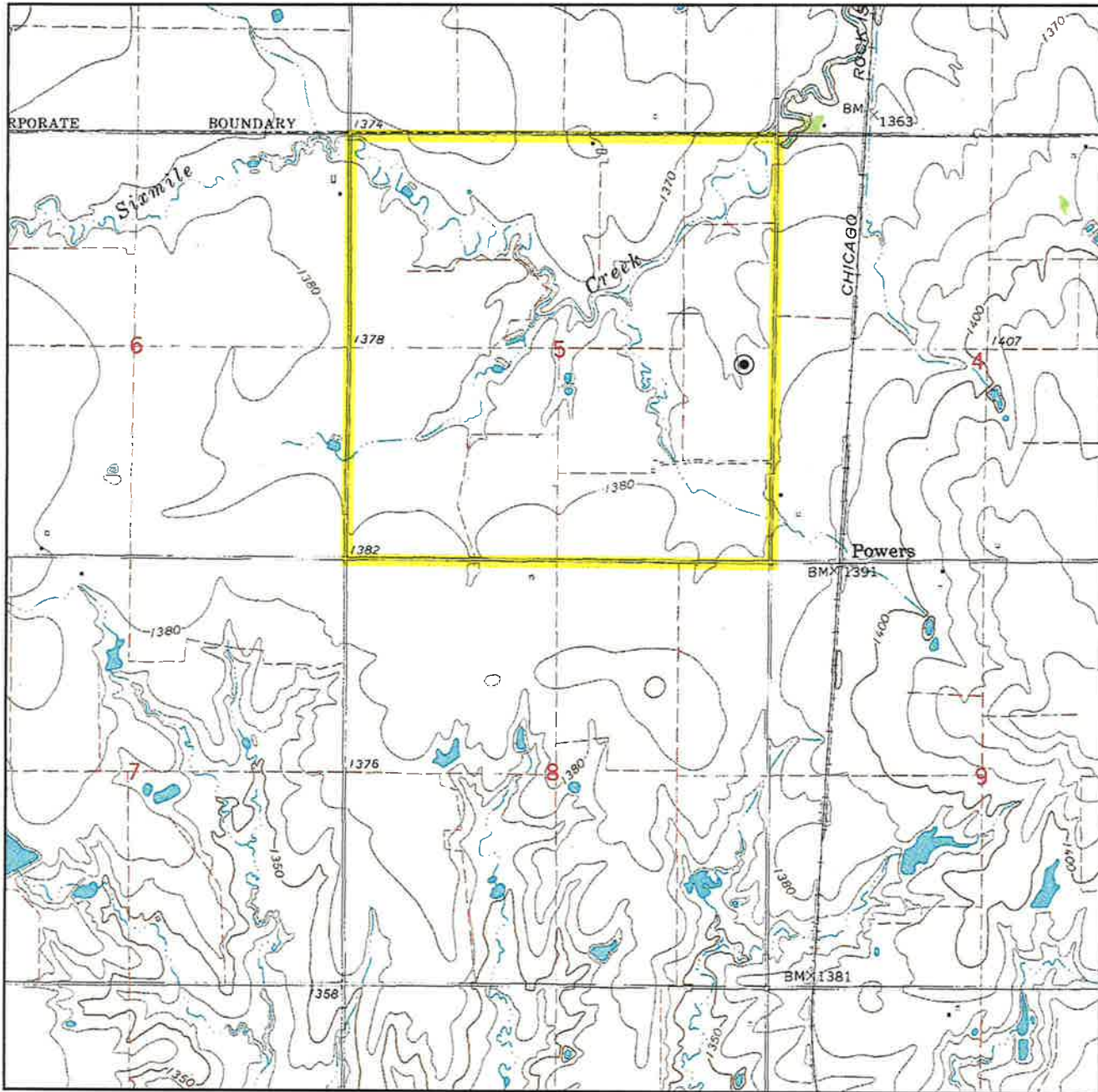
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

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. 5 Twp. 11N Rng. 7W I.M.

County CANADIAN State OK

Operator CAMINO NATURAL RESOURCES, LLC.

Description 2475'FSL-370'FEL

Lease SCISSORTAIL 1107 5-8-1MH

Elevation 1372' Gr. at Stake (NAVD 88)  
1372' Gr. at Stake (NGVD 29)

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.



LAND SURVEYORS OF OKLAHOMA

May 9, 2018

SCALE:	1" = 100'
DATE:	4-25-18
INVOICE NO.:	292479
FILE NAME:	L2019A.DWG
DRAWING NO.:	103026-L2-019-A
SHEET	1 OF 1