

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

API NUMBER: 051 24593

Approval Date: 03/20/2019

Expiration Date: 09/20/2020

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 08 Twp: 7N Rge: 7W County: GRADY  
SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 340 1203

Lease Name: KIMBER 0707 Well No: 17-20-1MH Well will be 340 feet from nearest unit or lease boundary.  
Operator CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0  
Name:

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

O'HARA FAMILY LLC C/O FLORENCE O'HARA  
17560 SW 29TH ST  
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	15226	6	
2	WOODFORD	15395	7	
3	HUNTON	15620	8	
4			9	
5			10	

Spacing Orders: 678719

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201705069  
201705068

Special Orders:

Total Depth: 25821 Ground Elevation: 1103 Surface Casing: 530 Depth to base of Treatable Water-Bearing FM: 480

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

D. One time land application -- (REQUIRES PERMIT)  
H. SEE MEMO

PERMIT NO: 19-36238

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? Y

Wellhead Protection Area? Y

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 20 Twp 7N Rge 7W County GRADY

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: 14765

Radius of Turn: 684

Direction: 175

Total Length: 9981

Measured Total Depth: 25821

True Vertical Depth: 15840

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

Notes:

Category

Description

HYDRAULIC FRACTURING

3/6/2019 - 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

3/6/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WASHITA RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201705068

3/20/2019 - G56 - (I.O.) 17 & 20-7N-7W  
X678719 MSSP, WDFD  
COMPL INT (17-7N-7W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL  
COMPL INT (20-7N-7W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL  
NO OP NAMED  
REC 3/4/2019 (M. PORTER)

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 24593 KIMBER 0707 17-20-1MH

Category	Description
PENDING CD - 201705069	3/20/2019 - G56 - (I.O.) 17 & 20-7N-7W ESTABLISH MULTIUNIT HORIZONTAL WELL X678719 MSSP, WDFD, HNTN (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 50% 17-7N-7W 50% 20-7N-7W NO OP NAMED REC 3/4/2019 (M. PORTER)
PUBLIC WATER SUPPLY WELLS	3/6/2019 - G71 - GRADY CO RWD #1 - 2 PWS/WPA, SE/4 8-7N-7W
SPACING - 678719	3/20/2019 - G56 - (640)(HOR) 17 & 20-7N-7W EST MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NLT 660' FB COMPL INT (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

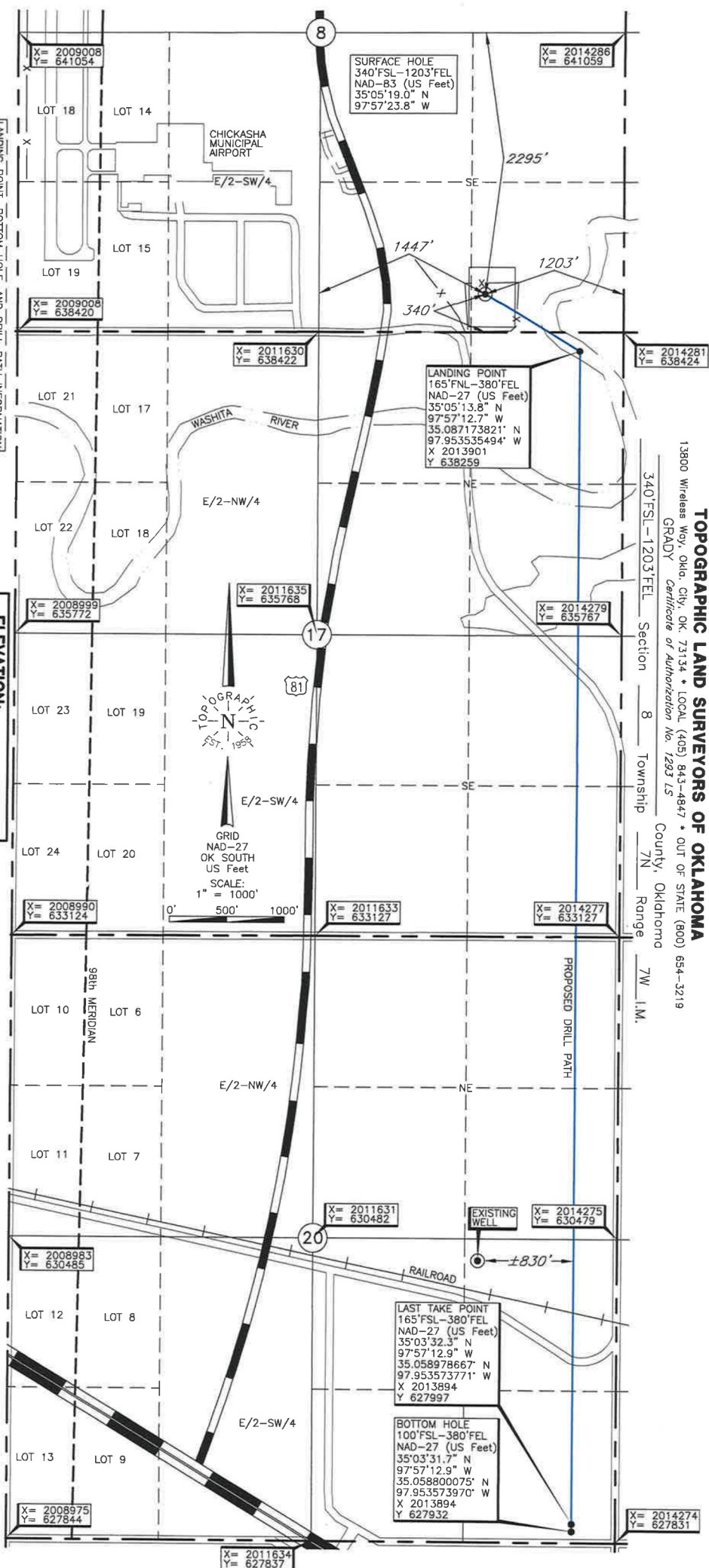
# TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Oklahoma City, OK 73134 • LOCAL (405) 843-4847 • OUT OF STATE (800) 654-3219

GRADY Certificate of Authorization No. 1293 US

County, Oklahoma

340' FSL-1203' FEL Section 8 Township 7N Range 7W 1.M.



Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name: KIMBER 0707

Well No.: 17-20-1MH

Topography & Vegetation Loc. fell on existing pod.

Good Drill Site? Yes

Reference Stakes or Alternate Location  
Stakes Set None

Best Accessibility to Location From West off US Hwy. 81.

Distance & Direction From the Junction of US Hwy. 62 and US Hwy. 81 West of

Chickasha, OK, go North on US Hwy. 81 ± 1.9 miles to the South line of Sec. 8-T7N-R7W.

DATUM: NAD-27  
LAT: 35°05'18.8" N  
LONG: 97°57'22.6" W  
LAT: 35°08'56.0406" N  
LONG: 97°56'28.818" W  
STATE PLANE  
COORDINATES: (US Feet)  
ZONE: OK SOUTH  
X: 2013079  
Y: 638763

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

THE INFORMATION SHOWN HEREIN IS FOR CONSTRUCTION PURPOSES ONLY

Revision ☒ A Date of Drawing: Jan. 30, 2019  
Project # 123538A Date Staked: Jan. 23, 2019

TR

## 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. 1443

