

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

API NUMBER: 017 25420

Approval Date: 03/22/2019

Expiration Date: 09/22/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 12N Rge: 7W County: CANADIAN
SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 433 1219

Lease Name: GARTH BROOKS 1107 Well No: 6-7-1MXH Well will be 433 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

BETTY JOHNSTON
5600 S COUNTRY CLUB RD
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10106	6	
2	WOODFORD	10255	7	
3			8	
4			9	
5			10	

Spacing Orders: 126170
251448
129631
131096

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201810469
201810468

Special Orders:

Total Depth: 18247 Ground Elevation: 1382 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 400

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: 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: DOG CREEK

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

PERMIT NO: 19-36313

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: 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

HORIZONTAL HOLE 1

Sec 07 Twp 11N Rge 7W County CANADIAN

Spot Location of End Point: W2 E2 E2 E2

Feet From: NORTH 1/4 Section Line: 2640

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 9702

Radius of Turn: 478

Direction: 175

Total Length: 7795

Measured Total Depth: 18247

True Vertical Depth: 10378

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

Notes:

Category

Description

DEEP SURFACE CASING

3/8/2019 - 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

3/8/2019 - 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; 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

3/8/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - SIX MILE CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

Category	Description
PENDING CD - 201810468	3/22/2019 - G58 - (I.O.) 6 & 7-11N-7W X126170 MSSP X129631 MSSP X251448 WDFD X131096 WDFD COMPL. INT. 6-11N-7W NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. 7-11N-7W NCT 0' FNL, NCT 1900' FSL, NCT 330' FEL NO OP. NAMED REC 1/7/2019 (MILLER)
PENDING CD - 201810469	3/22/2019 - G58 - (I.O.) 6 & 7-11N-7W EST MULTIUNIT HORIZONTAL WELL X126170 MSSP X129631 MSSP X251448 WDFD X131096 WDFD (WDFD IS ADJACENT CSS TO MSSP) 66.67% 6-11N-7W 33.33% 7-11N-7W NO OP. NAMED REC 1/7/2019 (MILLER)
SPACING - 126170	3/22/2019 - G58 - (640) 6-11N-7W EST MSSP, OTHERS
SPACING - 129631	3/22/2019 - G58 - (640) 7-11N-7W EXT 126170 MSSP, OTHERS
SPACING - 131096	3/22/2019 - G58 - (640) 7-11N-7W EXT OTHERS EST WDFD
SPACING - 251448	3/22/2019 - G58 - (640) 6-11N-7W EXT OTHERS EXT 131096 WDFD, OTHERS

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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.

017-25420

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

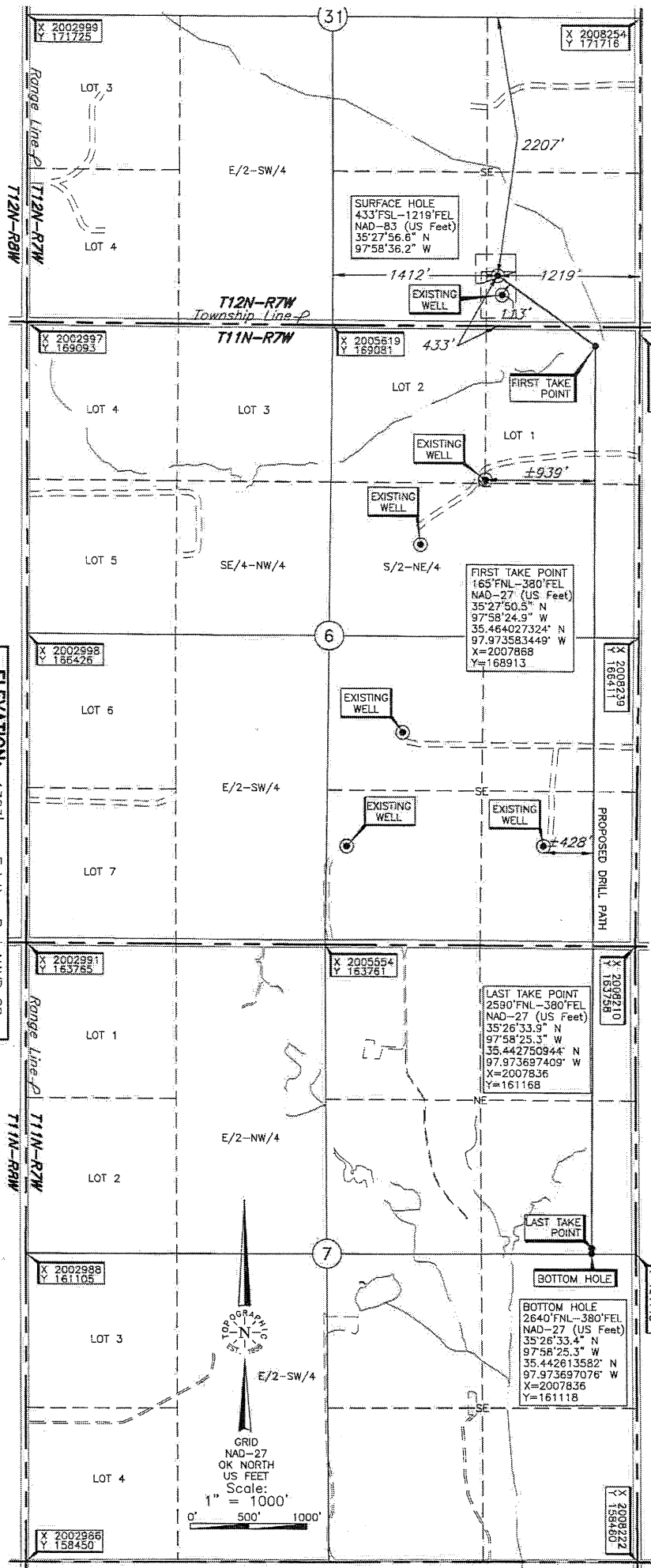
TOPOGRAPHIC LAND SURVEYORS OF OKLAHOMA

13800 Wireless Way, Okla. City, OK 73134 (405) 843-4847

CANADIAN Certificate of Authorization No. 1293 US County: Oklahoma

433'FSL-1219'FEL Section 31 Township 12N Range 7W I.M.

THE INFORMATION SHOWN HEREIN IS
FOR CONSTRUCTION PURPOSES ONLY



ELEVATION: 1383' on Existing Pad NAVD 88
1382' on Existing Pad NGVD 29

Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name: GARTH BROOKS 1107

Well No.: 6-7 1MXH

Topography & Vegetation LOC. FELL ON EXISTING PAD

Good Drill Site? YES

Reference Stakes or Alternate Location
Stakes Set NONE

Best Accessibility to Location FROM SOUTH OFF COUNTY ROAD

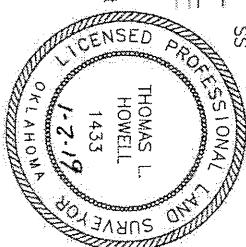
Distance & Direction FROM EXIT 123 ON I-40 IN EL RENO, OK, GO SOUTH ON COUNTRY
CLUB ROAD ±3.0 MILES TO THE SE COR. OF SEC. 31-112N-R7W

Date of Drawing: Dec. 28, 2018
Invoice # 306997 Date Staked: Dec. 21, 2018

CERTIFICATE:

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. 1433



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