

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

API NUMBER: 017 25561

Approval Date: 11/25/2019

Expiration Date: 05/25/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION:

SW

NE

SE

SW

FEET FROM QUARTER:

FROM

SOUTH

FROM

WEST

SECTION LINES:

907

2305

Lease Name: GUTHRIE 1207 6-7

Well No: 1MXH

Well will be 907 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

VICKI PROCTOR TRUST
3304 W JONES RD
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10225	6	
2	WOODFORD	10553	7	
3			8	
4			9	
5			10	

Spacing Orders: 141057
665725
699797

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903012
201903013
201904931
201903016

Special Orders:

Total Depth: 20975

Ground Elevation: 1368

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 310

Deep surface casing has been approved

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: CHICKASHA

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

PERMIT NO: 19-37072

H. SEE MEMO

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

The duration of this permit is 18 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: CHICKASHA

HORIZONTAL HOLE 1

Sec 07 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 9937

Radius of Turn: 533

Direction: 185

Total Length: 10200

Measured Total Depth: 20975

True Vertical Depth: 10553

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

Notes:

Category

Description

DEEP SURFACE CASING

11/12/2019 - 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

11/12/2019 - 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

INCREASED DENSITY - 705242

11/25/2019 - GC2 - 6-12N-7W
X141057 MSSP
2 WELLS
NO OP. NAMED
11-15-2019

MEMO

11/12/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

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

The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1.

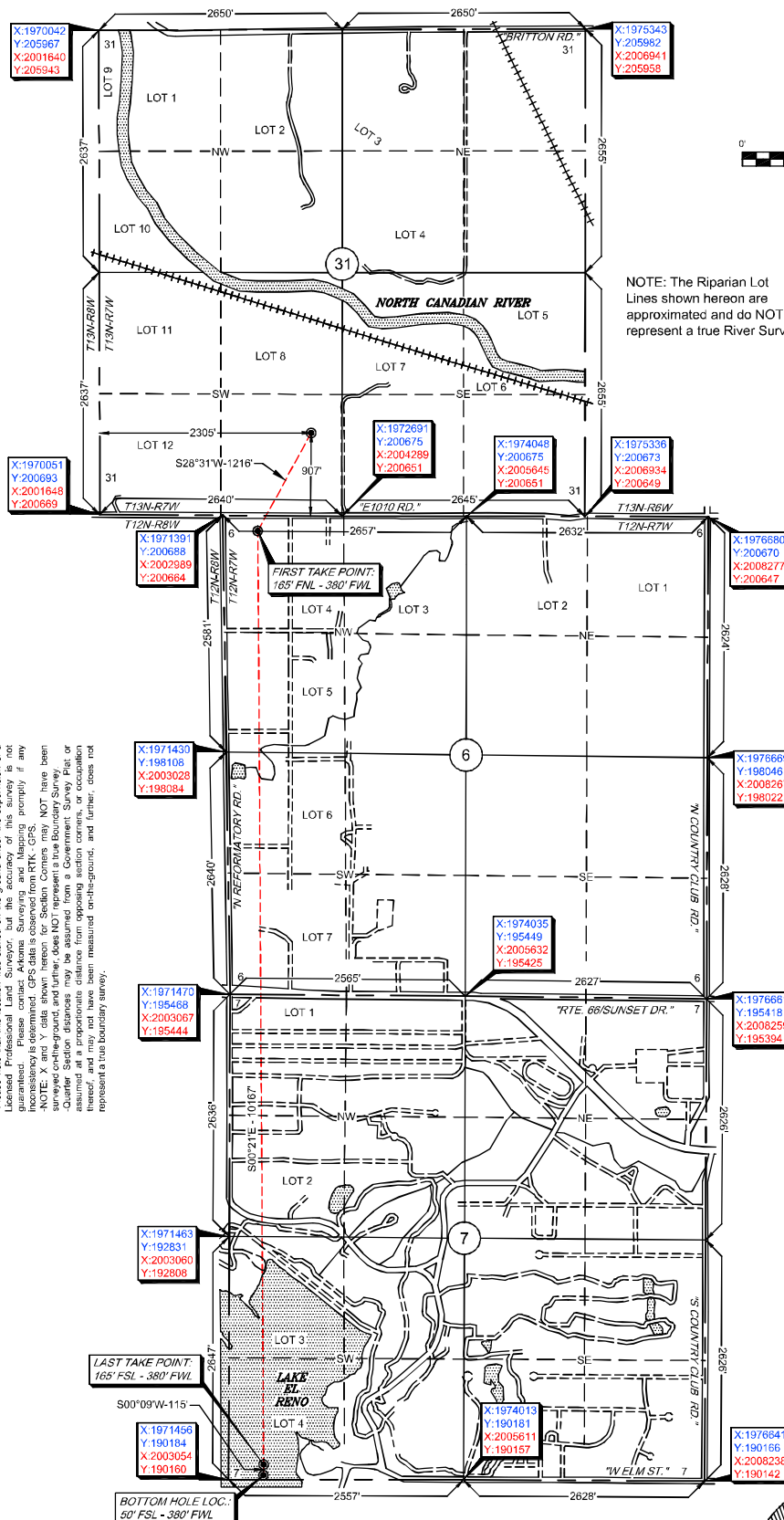
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

017 25561 GUTHRIE 1207 6-7 1MXH

PENDING CD - 201903012	11/22/2019 - GC2 - (I.O.) 6 & W2 7-12N-7W EST MULTIUNIT HORIZONTAL WELL X141057 MSSP 6-12N-7W X665725 WDFD 6-12N-7W X699797 MSSP, WDFD W2 7-12N-7W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP)*** 50% 6-12N-7W 50% W2 7-12N-7W NO OP NAMED REC. 6-18-2019 (DENTON)
	***TARGET FORMATION WILL BE NAMED IN INTERIM ORDER
PENDING CD - 201903013	11/22/2019 - GC2 - (I.O.) 6 & W2 7-12N-7W X141057 MSSP 6-12N-7W X665725 WDFD 6-12N-7W X699797 MSSP, WDFD W2 7-12N-7W COMPL. INT. (6-12N-7W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (W2 7-12N-7W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC. 6-18-2019 (DENTON)
SPACING - 141057	11/22/2019 - GC2 - (640) 6-12N-7W EXT 124533 MSSP EXT OTHERS EST OTHER
SPACING - 665725	11/22/2019 - GC2 - (640)(HOR) 6-12N-7W EXT 644443 WDFD COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL
SPACING - 699797	11/22/2019 - GC2 - (320)(HOR) W2 7-12N-7W SU EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST SP ORDER 146122 MSSP; SP ORDER 147489 MSSP)

Operator: CAMINO NATURAL RESOURCES, LLC
 Lease Name and No.: GUTHRIE 1207 6-7-1MxH
 Footage: 907' FSL - 2305' FWL Gr. Elevation: 1368'
 Section: 31 Township: 13N Range: 7W I.M.
 County: Canadian State of Oklahoma
 Terrain at Loc.: Location fell in an open field, with timber to the North and East.

API: 017-25561



All bearings shown
are grid bearings.

GPS DATUM
NAD 83
NAD 27
 OK NORTH ZONE

Surface Hole Loc.:
 Lat: 35°33'13.58"N
 Lon: 97°59'13.36"W
 Lat: 35.55377187
 Lon: -97.98704491
 X: 1972354
 Y: 201584

Surface Hole Loc.:
 Lat: 35°33'13.40"N
 Lon: 97°59'12.18"W
 Lat: 35.55372092
 Lon: -97.986716683
 X: 2003951
 Y: 201560

First Take Point:
 Lat: 35°33'03.02"N
 Lon: 97°59'20.39"W
 Lat: 35.55083784
 Lon: -97.98899592
 X: 1971774
 Y: 200516

First Take Point:
 Lat: 35°33'02.83"N
 Lon: 97°59'19.20"W
 Lat: 35.55078683
 Lon: -97.98866768
 X: 2003371
 Y: 200492

Last Take Point:
 Lat: 35°31'22.47"N
 Lon: 97°59'19.64"W
 Lat: 35.52290704
 Lon: -97.98878862
 X: 1971836
 Y: 190349

Last Take Point:
 Lat: 35°31'22.28"N
 Lon: 97°59'18.46"W
 Lat: 35.52285525
 Lon: -97.98846072
 X: 2003434
 Y: 190325

Bottom Hole Loc.:
 Lat: 35°31'21.33"N
 Lon: 97°59'19.64"W
 Lat: 35.52259112
 Lon: -97.98878965
 X: 1971836
 Y: 190234

Bottom Hole Loc.:
 Lat: 35°31'21.14"N
 Lon: 97°59'18.46"W
 Lat: 35.52253932
 Lon: -97.98846174
 X: 2003434
 Y: 190210

-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any discrepancy is observed. GPS data is collected from RTK, GPS, NOT have been surveyed on-the-ground and further does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation hereof, and may not have been measured on-the-ground, and further, does not represent a true Boundary Survey.

Survey and plat by:
 Arkoma Surveying and Mapping, PLLC
 P.O. Box 238 Wilburton, OK 74578
 Ph. 918-465-5711 Fax 918-465-5030
 Certificate of Authorization No. 5348
 Expires June 30, 2020

Invoice #8698-C-A
 Date Staked: 10/04/19 By: D.W.
 Date Drawn: 10/08/19 By: C.K.
 Revised SHL Name: 10/30/19 By: J.C.

Certification:

This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Lance G. Mathis
 LANCE G. MATHIS

10/31/19

OK LPLS 1664

