

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

API NUMBER: 017 25549

Approval Date: 10/24/2019

Expiration Date: 04/24/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 03 Twp: 12N Rge: 7W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ NW ☐ NW ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 231 284

Lease Name: COWABUNGA 1207 3-10

Well No: 1MXH

Well will be 231 feet from nearest unit or lease boundary.

Operator CAMINO NATURAL RESOURCES LLC
Name:

Telephone: 7204052706

OTC/OCC Number: 24097 0

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

CITY OF EL RENO
101 N CHOCTAW AVE
EL RENO OK 73036

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9374	6	
2	WOODFORD	9648	7	
3			8	
4			9	
5			10	

Spacing Orders: 141057
699158
668541

Location Exception Orders:

Increased Density Orders: 703752

Pending CD Numbers: 201901258
201901259

Special Orders:

Total Depth: 19903

Ground Elevation: 1309

Surface Casing: 420

Depth to base of Treatable Water-Bearing FM: 270

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)

PERMIT NO: 19-36952

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? 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 10 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: 9034

Radius of Turn: 426

Direction: 175

Total Length: 10200

Measured Total Depth: 19903

True Vertical Depth: 9648

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

Notes:

Category

Description

HYDRAULIC FRACTURING

10/4/2019 - 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 - 703752

10/23/2019 - GC2 - 3-12N-7W
X141057 MSSP
1 WELL
NO OP. NAMED
10-16-2019

MEMO

10/23/2019 - GC2 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER & LAKE OVERHOLSER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901258	10/23/2019 - GC2 - (I.O.) 3 & 10-12N-7W EST MULTIUNIT HORIZONTAL WELL X141057 MSSP 3-12N-7W X668541 MSSP, WDFD 10-12N-7W X699158 WDFD 3-12N-7W (WDFD ASSOCIATED COMMON SOURCE OF SUPPLY TO MSSP) 50% 3-12N-7W 50% 10-12N-7W NO OP. NAMED REC. 3-26-2019 (MILLER)
PENDING CD - 201901259	10/23/2019 - GC2 - (I.O.) 3 & 10-12N-7W X141057 MSSP 3-12N-7W X668541 MSSP, WDFD 10-12N-7W X699158 WDFD 3-12N-7W COMPL. INT. (3-12N-7W) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (10-12N-7W) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC. 3-26-2019 (MILLER)
PUBLIC WATER SUPPLY WELLS	10/4/2019 - G71 - EL RENO - 4 PWS/WPA, 3 - SE/4 34-13N-7W & 1 - NE/4 3-12N-7W
SPACING - 141057	10/23/2019 - GC2 - (640) 3 & 10-12N-7W EXT 124533 MSSP EXT OTHERS EST OTHER
SPACING - 668541	10/23/2019 - GC2 - (640)(HOR) 10-12N-7W EXT 660608 MSSP, WDFD, OTHER COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL (COEXIST SP ORDER 141057 MSSP, OTHER)
SPACING - 699158	10/23/2019 - GC2 - (640)(HOR) 3-12N-7W EXT 668541 WDFD COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL

