

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

API NUMBER: 017 25513

Approval Date: 08/28/2019

Expiration Date: 02/28/2021

Horizontal Hole  
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 11N Rge: 9W County: CANADIAN

SPOT LOCATION:     FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 270 305

Lease Name: HONEY SPRINGS 1109 2-35 Well No: 1MXH Well will be 270 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

SAMELIA HIEBERT  
8401 NORTH I-35  
OKLAHOMA CITY OK 73131

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

	Name	Depth	Name	Depth
1	MISSISSIPPI LIME	11850	6	
2	MISSISSIPPIAN	12078	7	
3	WOODFORD	12403	8	
4			9	
5			10	

Spacing Orders: 691755  
194956  
700778

Location Exception Orders: 700779

Increased Density Orders:

Pending CD Numbers: 201706420

Special Orders:

Total Depth: 22684

Ground Elevation: 1368

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 280

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: DOG CREEK

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

PERMIT NO: 19-36358

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: 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

## HORIZONTAL HOLE 1

Sec 35 Twp 12N Rge 9W County CANADIAN

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 11784

Radius of Turn: 480

Direction: 359

Total Length: 10146

Measured Total Depth: 22684

True Vertical Depth: 12695

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

7/31/2019 - 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

7/31/2019 - 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)

#### LOCATION EXCEPTION - 700779

8/23/2019 - GC0 - (I.O.) 2-11N-9W & 35-12N-9W  
X691755 MSSP, WDFD 2-11N-9W  
X194956 MSSLM, WDFD 35-12N-9W  
COMPL. INT. (2-11N-9W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL  
COMPL. INT. (35-12N-9W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL  
CAMINO NATURAL RESOURCES, LLC  
8/14/2019

#### MEMO

7/31/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, 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 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.

017 25513 HONEY SPRINGS 1109 2-35  
1MXH

Category	Description
PENDING CD - 201706420	8/23/2019 - GC0 - 35-12N-9W X194956 MSSLM, WDFD, OTHER 2 WELLS NO OP. NAMED REC 1/08/2019 (P. PORTER)
SPACING - 194956	8/23/2019 - GC0 - (640) 35-12N-9W EXT OTHERS EXT 126545/183528 MSSLM EXT 138433/183528 WDFD, OTHER
SPACING - 691755	8/22/2019 - GC0 - (640)(HOR) 2-11N-9W EST MSSP, WDFD, OTHER COMPL. INT. (MSSP) NCT 660 FB COMPL. INT. (WDFD) NCT 165' FNL, NCT 330 FEL & FWL
SPACING - 700778	8/23/2019 - GC0 - (I.O.) 2-11N-9W & 35-12N-9W EST MULTIUNIT HORIZONTAL WELL X691755 MSSP, WDFD 2-11N-9W X194956 MSSLM, WDFD 35-12N-9W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP 2-11N-9W, MSSLM 35-12N-9W) 50% 2-11N-9W 50% 35-12N-9W CAMINO NATURAL RESOURCES, LLC 8/14/2019

Operator: CAMINO NATURAL RESOURCES

Lease Name and No.: HONEY SPRINGS 1109 2-35 1MXH

Footage: 270' FNL - 305' FEL Gr. Elevation: 1368'

Section: 11 Township: 11N Range: 9W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell in wheat field, West and East of pipeline, and South of fence/aerial electric line.

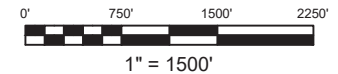
017-25513

1/2" IR  
X: 1929295  
Y: 174393  
X: 1960893  
Y: 174369

BOTTOM HOLE LOC.:  
50' FNL - 380' FEL

IR SIGNAL w/REF  
X: 1934543  
Y: 174367  
X: 1966141  
Y: 174343

LAST TAKE POINT:  
165' FNL - 380' FEL



GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.: Lat: 35°26'57.94"N Lon: 98°06'54.17"W Lat: 35.44942851 Lon: -98.11504756 X: 1934232 Y: 163622	Surface Hole Loc.: Lat: 35°26'57.75"N Lon: 98°06'52.98"W Lat: 35.44937491 Lon: -98.11471690 X: 1965829 Y: 163598
First Take Point: Lat: 35°27'02.24"N Lon: 98°06'55.06"W Lat: 35.45062334 Lon: -98.11529446 X: 1934159 Y: 164057	First Take Point: Lat: 35°27'02.05"N Lon: 98°06'53.87"W Lat: 35.45056979 Lon: -98.11496379 X: 1965756 Y: 164033

1/2" IR  
X: 1929269  
Y: 169121  
X: 1960867  
Y: 169097

1/2" IR  
X: 1934541  
Y: 169122  
X: 1966139  
Y: 169098

Last Take Point: Lat: 35°28'42.59"N Lon: 98°06'55.16"W Lat: 35.47849790 Lon: -98.11532098 X: 1934163 Y: 174203	Last Take Point: Lat: 35°28'42.40"N Lon: 98°06'53.96"W Lat: 35.47844522 Lon: -98.11498988 X: 1965761 Y: 174179
Bottom Hole Loc.: Lat: 35°28'43.73"N Lon: 98°06'55.16"W Lat: 35.47881388 Lon: -98.11532093 X: 1934163 Y: 174318	Bottom Hole Loc.: Lat: 35°28'43.54"N Lon: 98°06'53.96"W Lat: 35.47876120 Lon: -98.11498983 X: 1965761 Y: 174294

IR SIGNAL w/REF  
X: 1929262  
Y: 163894  
X: 1960860  
Y: 163870

1/2" IR  
X: 1934539  
Y: 163892  
X: 1966136  
Y: 163868

FIRST TAKE POINT:  
165' FSL - 380' FEL

SURFACE HOLE LOC.:  
270' FNL - 305' FEL

Note: River lots as shown here on are approximated and are not the results of a true boundary survey.

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 inconsistency is determined. GPS data is observed from NAD 83 - GPS. -NOTE: X and Y data shown hereon for Section Corners may 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 thereon, 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 #8434

Date Staked: 01/16/19 By: J.W.

Date Drawn: 01/22/19 By: M.K.

Added Take Points &amp; Rev. BHL: 01/25/19 By: M.K.

Revised Lease Name: 03/08/19 By: R.S.

## 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

03/08/19

OK LPLS 1664

