

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 A

Approval Date: 08/28/2019

Expiration Date: 02/28/2021

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: UPDATE SURFACE OWNER ADDRESS

AMEND PERMIT TO DRILL

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

SPOT LOCATION: NE NE NE NE 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  
PO BOX 492  
MUSTANG OK 73064

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

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: 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 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: 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

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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 25513 HONEY SPRINGS 1109 2-35  
1MXH

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