

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

API NUMBER: 051 24512

Approval Date: 11/02/2018  
Expiration Date: 05/02/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 11 Twp: 8N Rge: 6W County: GRADY  
SPOT LOCATION: ☐ SE ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 110 200

Lease Name: ACADIAN 0806 Well No: 11-2-1MH Well will be 110 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

TURNER FAMILY REVOCABLE TRUST  
1570 CS 2910  
AMBER OK 73004

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	10835	6	
2	WOODFORD	11120	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201802405  
201802406  
201802407  
201802404

Special Orders:

Total Depth: 21943 Ground Elevation: 1261 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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN SS

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 18-35636  
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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is BED AQUIFER

Pit Location Formation: DUNCAN SS

## HORIZONTAL HOLE 1

Sec 02 Twp 8N Rge 6W County GRADY

Spot Location of End Point: NW NE NE NE

Feet From: NORTH 1/4 Section Line: 100

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 10620

Radius of Turn: 624

Direction: 359

Total Length: 10342

Measured Total Depth: 21943

True Vertical Depth: 11120

End Point Location from Lease,  
Unit, or Property Line: 100

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

10/30/2018 - GA8 - 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

10/30/2018 - GA8 - 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)

#### MEMO

10/30/2018 - GA8 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

#### PENDING CD - 201802404

10/31/2018 - G56 - (640)(HOR) 2-8N-6W  
EXT 666921 MSSP, WDFD  
COMPL INT NLT 660' FB MSSP; NLT 165 FNL/FSL, NLT 330' FEL/FWL WDFD  
REC. 9/5/2018 (P. PORTER)

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.

051 24512 ACADIAN 0806 11-2-1MH

Category	Description
PENDING CD - 201802405	10/31/2018 - G56 - (640)(HOR) 11-8N-6W EXT 666921 MSSP, WDFD COMPL INT NLT 660' FB MSSP; NLT 165' FNL/FSL, NLT 330' FEL/FWL WDFD REC 9/5/2018 (P. PORTER)
PENDING CD - 201802406	10/31/2018 - G56 - (I.O.) 2 & 11-8N-6W EST MULTIUNIT HORIZONTAL WELL X201802404 MSSP, WDFD 2-8N-6W X201802405 MSSP, WDFD 11-8N-6W (MSSP IS AN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD) 50% 2-8N-6W 50% 11-8N-6W CAMINO NATURAL RESOURCES, LLC REC 9/5/2018 (P. PORTER)
PENDING CD - 201802407	10/31/2018 - G56 - (I.O.) 2 & 11-8N-6W X201802404 MSSP, WDFD 2-8N-6W X201802405 MSSP, WDFD 11-8N-6W COMPL INT (2-8N-6W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL INT (11-8N-6W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL CAMINO NATURAL RESOURCES, LLC REC 9/5/2018 (P. PORTER)

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.

