

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

API NUMBER: 051 24693

Approval Date: 08/15/2019

Expiration Date: 02/15/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 33 Twp: 5N Rge: 5W

County: GRADY

SPOT LOCATION:

SW

NW

SW

SW

FEET FROM QUARTER: FROM

SOUTH

FROM

WEST

SECTION LINES:

871

314

Lease Name: WILD TURKEY 0505 32-29

Well No: 1MH

Well will be 314 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

MITCHUSSON FAMILY
PO BOX 22
NINNEKAH OK 73067

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

Name	Depth	Name	Depth
1	MISSISSIPPIAN(ABOVE SYCAMORE)	12891	6
2			7
3			8
4			9
5			10

Spacing Orders: 688743
692781
688744

Location Exception Orders: 692782

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 22091

Ground Elevation: 1123

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 250

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

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

PERMIT NO: 19-36664

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

HORIZONTAL HOLE 1

Sec 29 Twp 5N Rge 5W County GRADY

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: 12091

Radius of Turn: 382

Direction: 355

Total Length: 9400

Measured Total Depth: 22091

True Vertical Depth: 13010

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

Notes:

Category

Description

DEEP SURFACE CASING

7/25/2019 - 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

7/25/2019 - 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

LOCATION EXCEPTION - 692782

8/12/2019 - G56 - (I.O.) 29 & 32-5N-5W
X688743 MSPAS 29-5N-5W
X688744 MSPAS 32-5N-5W
COMPL INT (32-5N-5W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL
COMPL INT (29-5N-5W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL
NEWFIELD EXPLOR. MID-CONT. INC.***
3/13/2019

***S/B CAMINO NATURAL RESOURCES, LLC; WILL BE CORRECTED VIA NUNC PRO TUNC PER ATTORNEY FOR OPERATOR

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 24693 WILD TURKEY 0505 32-29 1MH

Category	Description
MEMO	7/25/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 688743	8/12/2019 - G56 - (640)(HOR) 29-5N-5W EST MSPAS POE TO BHL NLT 660' FB (COEXIST WITH SP # 224711 MYES)
SPACING - 688744	8/12/2019 - G56 - (640)(HOR) 32-5N-5W EST MSPAS POE TO BHL NLT 660' FB
SPACING - 692781	8/12/2019 - G56 - (I.O.) 29 & 32-5N-5W EST MULTIUNIT HORIZONTAL WELL X688743 MSPAS 29-5N-5W X688744 MSPAS 32-5N-5W 50% 29-5N-5W 50% 32-5N-5W CAMINO NATURAL RESOURCES, LLC 3/13/2019

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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.



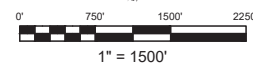
Well Location Plat

S.H.L. Sec. 33-5N-5W I.M.
B.H.L. Sec. 29-5N-5W I.M.

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name and No.: WILD TURKEY 0505 32-29 1MH
Footage: 871' FSL - 314' FWL Gr. Elevation: 1123'
Section: 33 Township: 5N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell on existing pad, extension fell in timber.

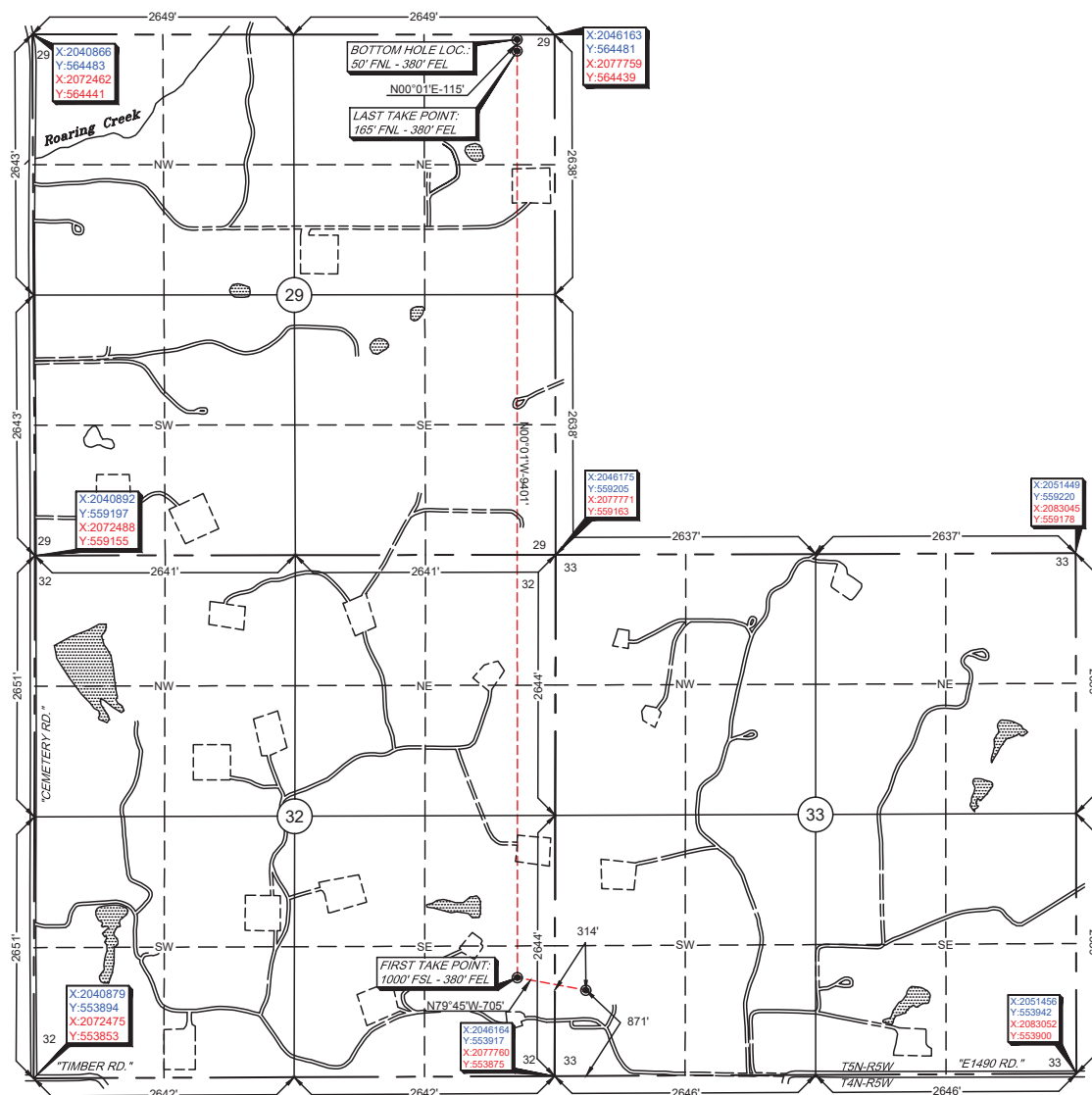


All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.: Lat: 34°51'27.09"N Lon: 97°44'24.25"W Lat: 34.85752441 Lon: 97.74006935 X: 2046480 Y: 554790	First Take Point: Lat: 34°51'28.35"N Lon: 97°44'32.58"W Lat: 34.85787393 Lon: 97.74238204 X: 2045786 Y: 554916	Last Take Point: Lat: 34°53'01.33"N Lon: 97°44'32.32"W Lat: 34.88370291 Lon: 97.74231240 X: 2045783 Y: 564316	Bottom Hole Loc.: Lat: 34°53'02.47"N Lon: 97°44'32.32"W Lat: 34.88401888 Lon: 97.74231130 X: 2045783 Y: 564431
Surface Hole Loc.: Lat: 34°51'26.83"N Lon: 97°44'23.12"W Lat: 34.85745273 Lon: -97.73975528 X: 2078076 Y: 554748	First Take Point: Lat: 34°51'28.09"N Lon: 97°44'31.44"W Lat: 34.85780228 Lon: -97.74206790 X: 2077382 Y: 554874	Last Take Point: Lat: 34°53'01.07"N Lon: 97°44'31.19"W Lat: 34.88363191 Lon: -97.74199778 X: 2077379 Y: 564274	Bottom Hole Loc.: Lat: 34°53'02.21"N Lon: 97°44'31.19"W Lat: 34.88394789 Lon: -97.74199668 X: 2077379 Y: 564389



-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 RTK - 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 thereof, 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

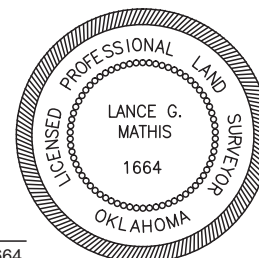
Certification:

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

08/14/19

OK LPLS 1664



Invoice #8051-A
Date Staked: 05/15/19 By: D.W.
Date Drawn: 05/17/19 By: E.W.
Rev. Lease Name: 05/30/19 By: J.H.