

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

API NUMBER: 051 24638

Approval Date: 05/17/2019

Expiration Date: 11/17/2020

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 29 Twp: 6N Rge: 6W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 188 1523

Lease Name: JACK SWAGGER 0606

Well No: 29-1WHRS

Well will be 188 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

MARCUS & JUDY RIOS  
1561 STATE HIGHWAY 19  
CHICKASHA OK 73018

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	15238	6	
2	WOODFORD	15471	7	
3			8	
4			9	
5			10	

Spacing Orders: 690445

Location Exception Orders: 694155

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 21469

Ground Elevation: 1158

**Surface Casing: 1500**

Depth to base of Treatable Water-Bearing FM: 500

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: 19-36559

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 6N Rge 6W County GRADY

Spot Location of End Point: NE NW NW NW

Feet From: NORTH 1/4 Section Line: 50

Feet From: WEST 1/4 Section Line: 380

Depth of Deviation: 15056

Radius of Turn: 926

Direction: 350

Total Length: 4958

Measured Total Depth: 21469

True Vertical Depth: 15663

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

### Notes:

#### Category

#### Description

#### DEEP SURFACE CASING

5/16/2019 - 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

5/16/2019 - 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 - 694155

5/17/2019 - GB1 - (I.O.) 29-6N-6W  
X690445 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL \*\*\*  
CAMINO NATURAL RESOURCES, LLC  
4/5/2019

\*\*\* ITD HAS LATERAL DRILLED IN OPPOSITE DIRECTION; WILL BE CORRECTED AT FINAL HEARING

#### MEMO

5/16/2019 - 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.

051 24638 JACK SWAGGER 0606 29-1WHR5

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.

Category

Description

SPACING - 690445

5/17/2019 - GB1 - (640)(HOR) 29-6N-6W  
EXT 658557 MSSP, WDFD  
POE TO BHL (MSSP) NLT 660' FB  
POE TO BHL (WDFD) NLT 165' FNL/FSL, NLT 330' FEL/FWL

This permit does not address the right of entry or settlement of surface damages.

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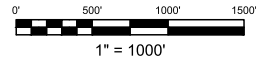
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Operator: CAMINO NATURAL RESOURCES, LLC  
 Lease Name and No.: JACK SWAGGER 0606 29-1WHRS  
 Footage: 188' FSL - 1523' FWL Gr. Elevation: 1158'  
 Section: 29 Township: 6N Range: 6W I.M.  
 County: Grady State of Oklahoma  
 Terrain at Loc.: Location fell in open pasture.

API 051-24638



All bearings shown  
are grid bearings.

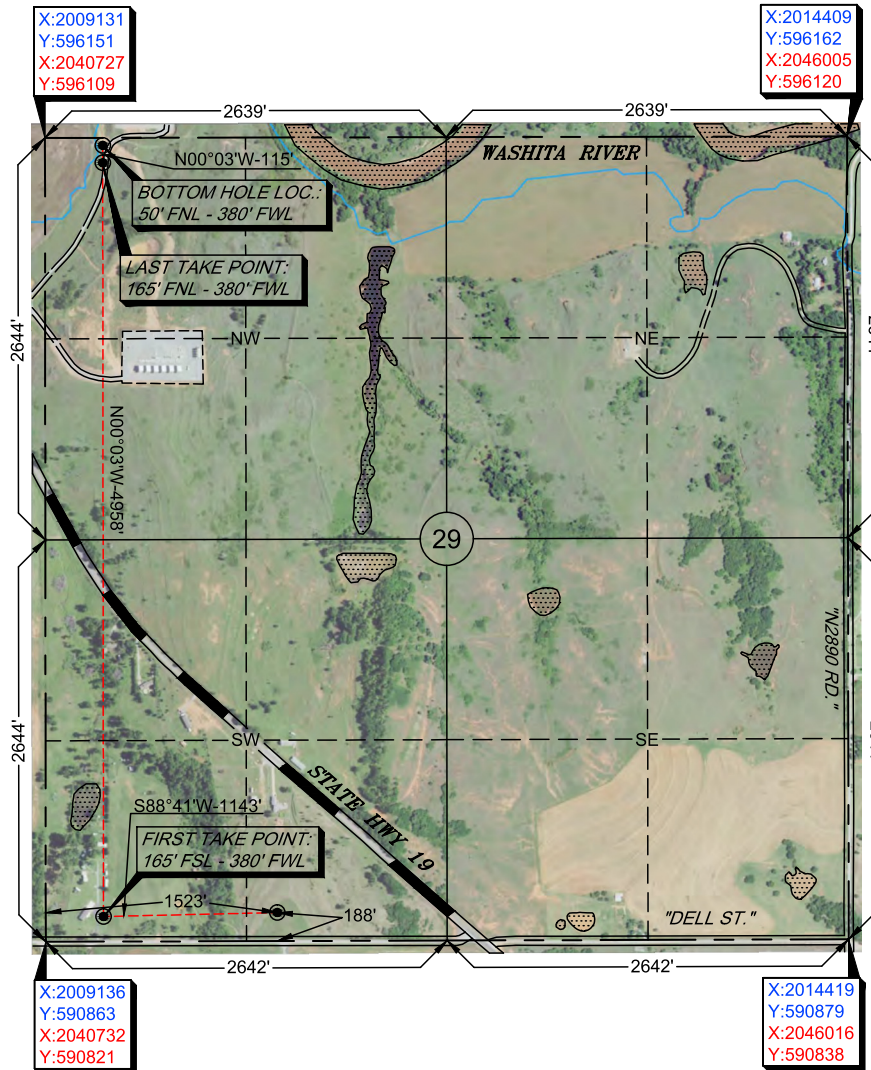


GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE



Surface Hole Loc.:  
 Lat: 34°57'26.50"N  
 Lon: 97°51'33.49"W  
 Lat: 34.95736059  
 Lon: -97.85930186  
 X: 2010659  
 Y: 591055

Surface Hole Loc.:  
 Lat: 34°57'26.25"N  
 Lon: 97°51'32.34"W  
 Lat: 34.95729263  
 Lon: -97.85898333  
 X: 2042256  
 Y: 591013

First Take Point:  
 Lat: 34°57'26.26"N  
 Lon: 97°51'47.22"W  
 Lat: 34.95729310  
 Lon: -97.86311795  
 X: 2009516  
 Y: 591029

First Take Point:  
 Lat: 34°57'26.01"N  
 Lon: 97°51'46.08"W  
 Lat: 34.95722517  
 Lon: -97.86279936  
 X: 2041112  
 Y: 590987

Last Take Point:  
 Lat: 34°58'15.29"N  
 Lon: 97°51'47.20"W  
 Lat: 34.97091523  
 Lon: 97.86311213  
 X: 2009511  
 Y: 595987

Last Take Point:  
 Lat: 34°58'15.05"N  
 Lon: 97°51'46.06"W  
 Lat: 34.97084768  
 Lon: -97.86279328  
 X: 2041107  
 Y: 595945

Bottom Hole Loc.:  
 Lat: 34°58'16.43"N  
 Lon: 97°51'47.20"W  
 Lat: 34.97123120  
 Lon: -97.86311199  
 X: 2009511  
 Y: 596102

Bottom Hole Loc.:  
 Lat: 34°58'16.19"N  
 Lon: 97°51'46.06"W  
 Lat: 34.97116365  
 Lon: -97.86279315  
 X: 2041107  
 Y: 596060

-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

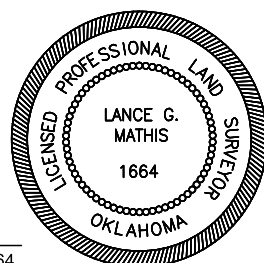
## Certification:

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

04/22/19

OK LPLS 1664



Invoice #8597

Date Staked: 04/11/19 By: D.L.

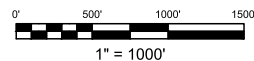
Date Drawn: 04/12/19 By: E.W.

Revise Lease Name: 04/22/19 By: R.M.

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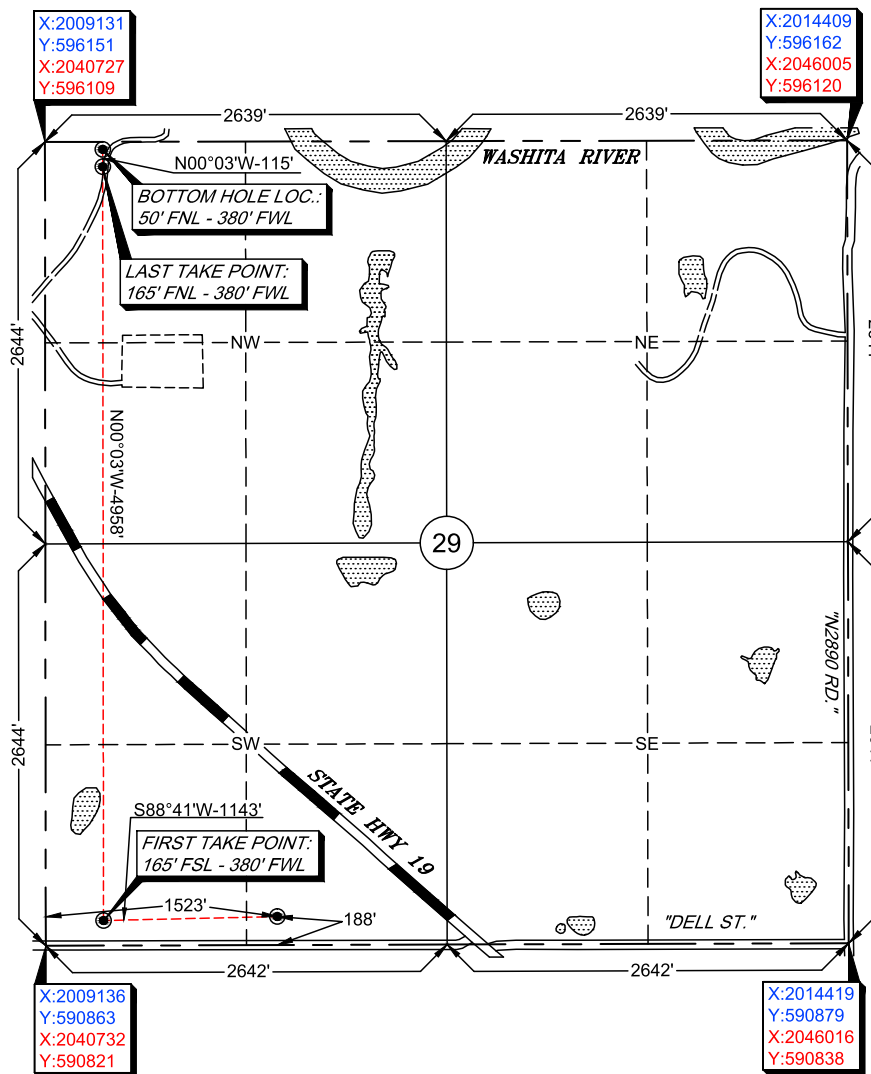


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