

API NUMBER: 051 24746 B

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

Approval Date: 01/06/2020
Expiration Date: 07/06/2021

Multi Unit Oil & Gas

Amend reason: UPDATE WELL NUMBER, ADD ORDER
NUMBERS, AMEND BHL

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 10N Range: 7W County: GRADY

SPOT LOCATION: ☐ NE ☐ NE ☐ SW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1545 1588

Lease Name: RON HOWARD 1007 Well No: 21-16-9-1MXH Well will be 1545 feet from nearest unit or lease boundary.
Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052729 OTC/OCC Number: 24097 0

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

SHAWNEE MILLING COMPANY
201 S BROADWAY
SHAWNEE OK 74801

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	11344
2	MISSISSIPPI LIME	351MSSLM	11419
3	WOODFORD	319WDFD	11549

Spacing Orders: 708254 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders
708253
107705
534428

Pending CD Numbers: 202100050 Working interest owners' notified: *** Special Orders: No Special Orders
202100053
202100052

Total Depth: 18295 Ground Elevation: 1324 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 230

Deep surface casing has been approved

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 19-37091
H. (Other) SEE MEMO

PIT 1 INFORMATION

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: AP/TE DEPOSIT

Pit Location Formation: TERRACE

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.

MULTI UNIT HOLE 1

Section: 9	Township: 10N	Range: 7W	Meridian: IM	Total Length: 10030
County: GRADY				Measured Total Depth: 21210
Spot Location of End Point: N2	NW	NE	SE	True Vertical Depth: 12000
Feet From: NORTH	1/4 Section Line: 50		End Point Location from	
Feet From: EAST	1/4 Section Line: 990		Lease, Unit, or Property Line: 50	

NOTES:

Category	Description
DEEP SURFACE CASING	12/9/2019 - 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	<p>[1/28/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
MEMO	12/9/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - WINTER CREEK), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100050	<p>[1/29/2021 - GC2] - (E.O.) 9, 16, & 21-10N-7W</p> <p>X107705 MSSLM 9-10N-7W</p> <p>X534428/202100053 WDFD 9-10N-7W</p> <p>X708253 MSSP, WDFD 16-10N-7W</p> <p>X708254 MSSP, WDFD 21-10N-7W</p> <p>(WDFD IS THE ADJACENT COMMON SOURCE OF SUPPLY TO MSSP, MSSLM)</p> <p>27% 9-10N-7W</p> <p>54% 16-10N-7W</p> <p>19% 21-10N-7W</p> <p>NO OP. NAMED</p> <p>REC. 1-26-2021 (NORRIS)</p>
PENDING CD - 202100052	<p>[1/29/2021 - GC2] - (E.O.) 9, 16, & 21-10N-7W</p> <p>X107705 MSSLM 9-10N-7W</p> <p>X534428/202100053 WDFD 9-10N-7W</p> <p>X708253 MSSP, WDFD 16-10N-7W</p> <p>X708254 MSSP, WDFD 21-10N-7W</p> <p>COMPL. INT. (21-10N-7W) NCT 1900' FSL, NCT 0' FNL, NCT 660' FEL</p> <p>COMPL. INT. (16-10N-7W) NCT 0' FSL, NCT 0' FNL, NCT 660' FEL</p> <p>COMPL. INT. (9-10N-7W) NCT 0' FSL, NCT 2475' FSL, NCT 660' FEL</p> <p>NO OP. NAMED</p> <p>REC. 1-26-2021 (NORRIS)</p>
PENDING CD - 202100053	<p>[1/29/2021 - GC2] - (E.O.) CONFIRMATION OF 534428 EST WDFD IN 9-10N-7W FOR BOTH CANADIAN AND GRADY COUNTIES</p> <p>REC. 1-26-2021 (NORRIS)</p>
SPACING - 107705	<p>[1/29/2021 - GC2] - (640) 9-10N-7W</p> <p>EXT 98732 MSSLM, OTHERS</p> <p>EXT OTHERS</p>
SPACING - 534428	<p>[1/29/2021 - GC2] - (640) 9-10N-7W</p> <p>EST WDFD</p>
SPACING - 708253 (201905596)	<p>12/18/2019 - GC2 - (640)(HOR) 16-10N-7W</p> <p>VAC 107705 CSTR</p> <p>EXT 664890 MSSP, WDFD</p> <p>COMPL. INT. (MSSP) NCT 660' FB</p> <p>COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p> <p>(COEXIST CONCURRENTLY 640 NON-HORIZONTAL DRILLING AND SPACING UNIT FOR MISS)</p> <p>1-30-2020</p>

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.

SPACING - 708254 (201905597)

12/18/2019 - GC2 - (640)(HOR) 21-10N-7W

VAC 107705 CSTR

EXT 664890 MSSP, WDFD

COMPL. INT. (MISS) NCT 660' FB

COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL

(COEXIST CONCURRENTLY WITH 640 NON-HORIZONTAL DRILLING AND SPACING UNIT FOR MISS)

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051 24746 RON HOWARD 1007 21-16-9-1MXH



Well Location Plat

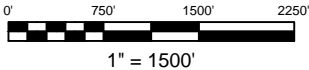
S.H.L. Sec. 21-10N-7W I.M.
B.H.L. Sec. 9-10N-7W I.M.

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name and No.: RON HOWARD 1007 21-16-9-1MXH
Surface Hole Location: 1545' FNL - 1588' FEL Gr. Elevation: 1324'
NE/4-NE/4-SW/4-NE/4 Section: 21 Township: 10N Range: 7W I.M.
Bottom Hole Location: 50' FNL - 990' FEL of SE/4
NE/4-NW/4-NE/4-SE/4 Section: 9 Township: 10N Range: 7W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in an open crop field, with drainage to the North.

API: 051-24746B



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°19'48.07"N
Lon: 97°56'29.03"W
Lat: 35.33001899
Lon: -97.94139784
X: 1985981
Y: 726671

Surface Hole Loc.:
Lat: 35°19'47.86"N
Lon: 97°56'27.86"W
Lat: 35.32996029
Lon: -97.94107318
X: 2017578
Y: 726629

First Take Point:
Lat: 35°19'48.52"N
Lon: 97°56'21.82"W
Lat: 35.33014424
Lon: -97.93939436
X: 1986579
Y: 726717

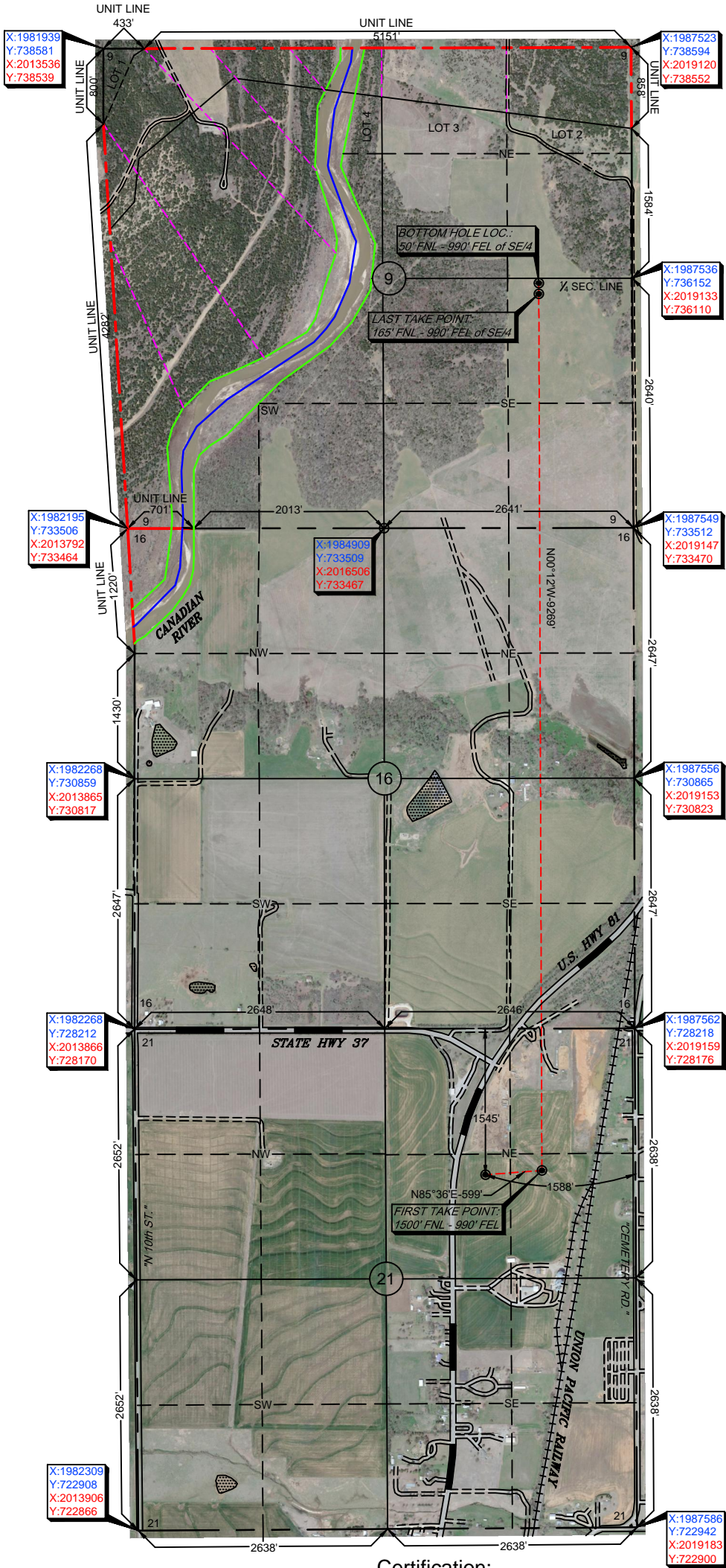
First Take Point:
Lat: 35°19'48.31"N
Lon: 97°56'20.65"W
Lat: 35.33008552
Lon: -97.93906974
X: 2018176
Y: 726675

Last Take Point:
Lat: 35°21'20.18"N
Lon: 97°56'22.14"W
Lat: 35.35560693
Lon: -97.93948371
X: 1986546
Y: 735986

Last Take Point:
Lat: 35°21'19.98"N
Lon: 97°56'20.97"W
Lat: 35.35554906
Lon: -97.93915883
X: 2018144
Y: 735944

Bottom Hole Loc.:
Lat: 35°21'21.32"N
Lon: 97°56'22.15"W
Lat: 35.35592285
Lon: -97.93948551
X: 1986546
Y: 736101

Bottom Hole Loc.:
Lat: 35°21'21.11"N
Lon: 97°56'20.98"W
Lat: 35.35586500
Lon: -97.93916063
X: 2018143
Y: 736059



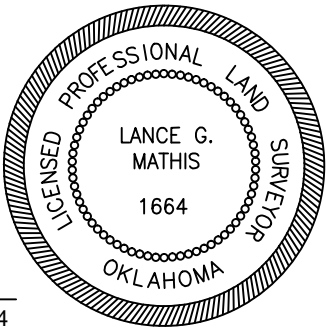
Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2022
Invoice #8834-D-B
Date Staked: 11/20/19 By: B.A.
Date Drawn: 11/21/19 By: C.K.
Revised SHL: 02/14/2020 By: C.K.
Revised LTP & BHL: 12/17/2020 By: J.K.

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

12/17/2020

OK LPLS 1664



CAMINO

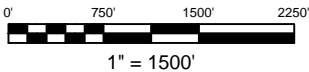
Well Location Plat

S.H.L. Sec. 21-10N-7W I.M.
B.H.L. Sec. 9-10N-7W I.M.

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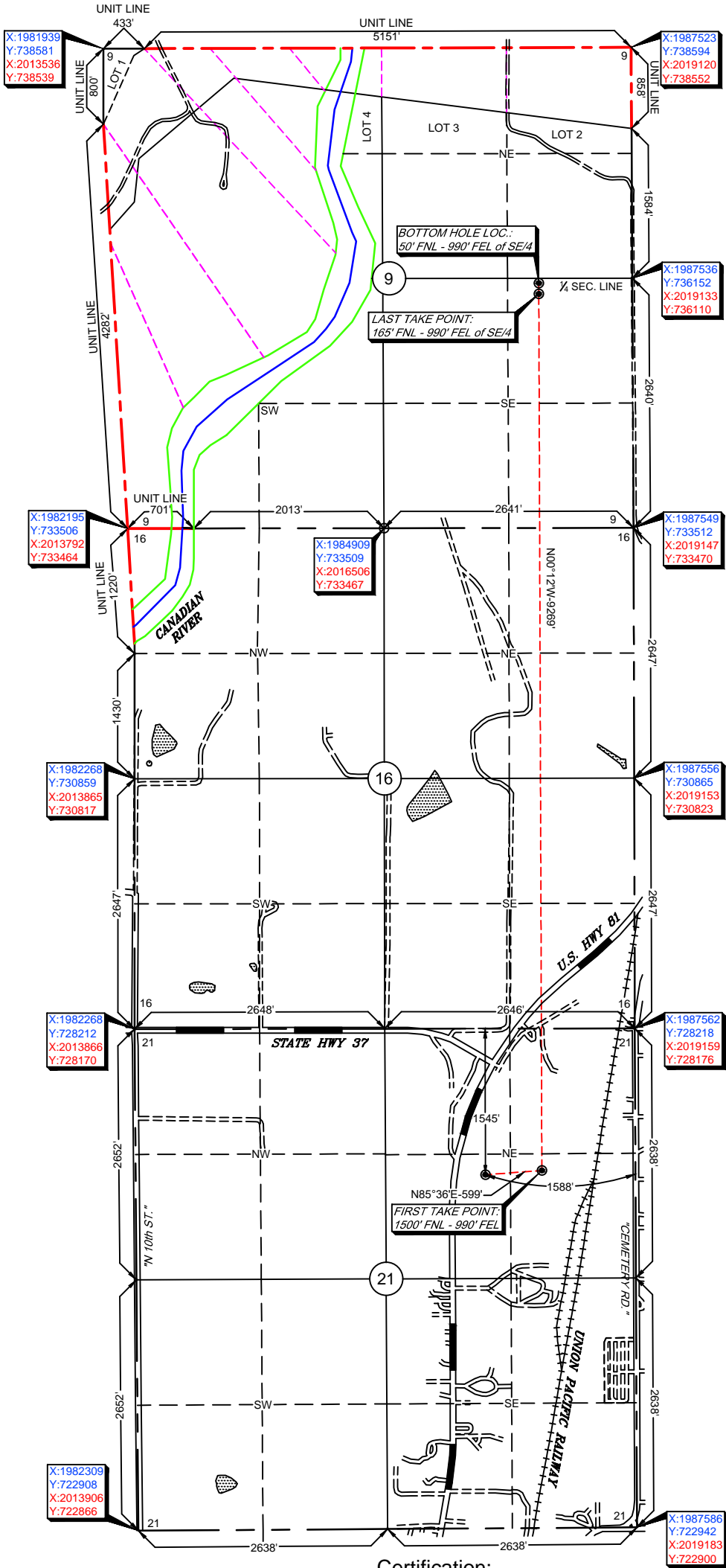
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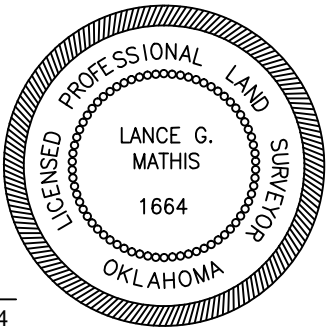
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Lon: -97.93916063
X: 2018143
Y: 736059



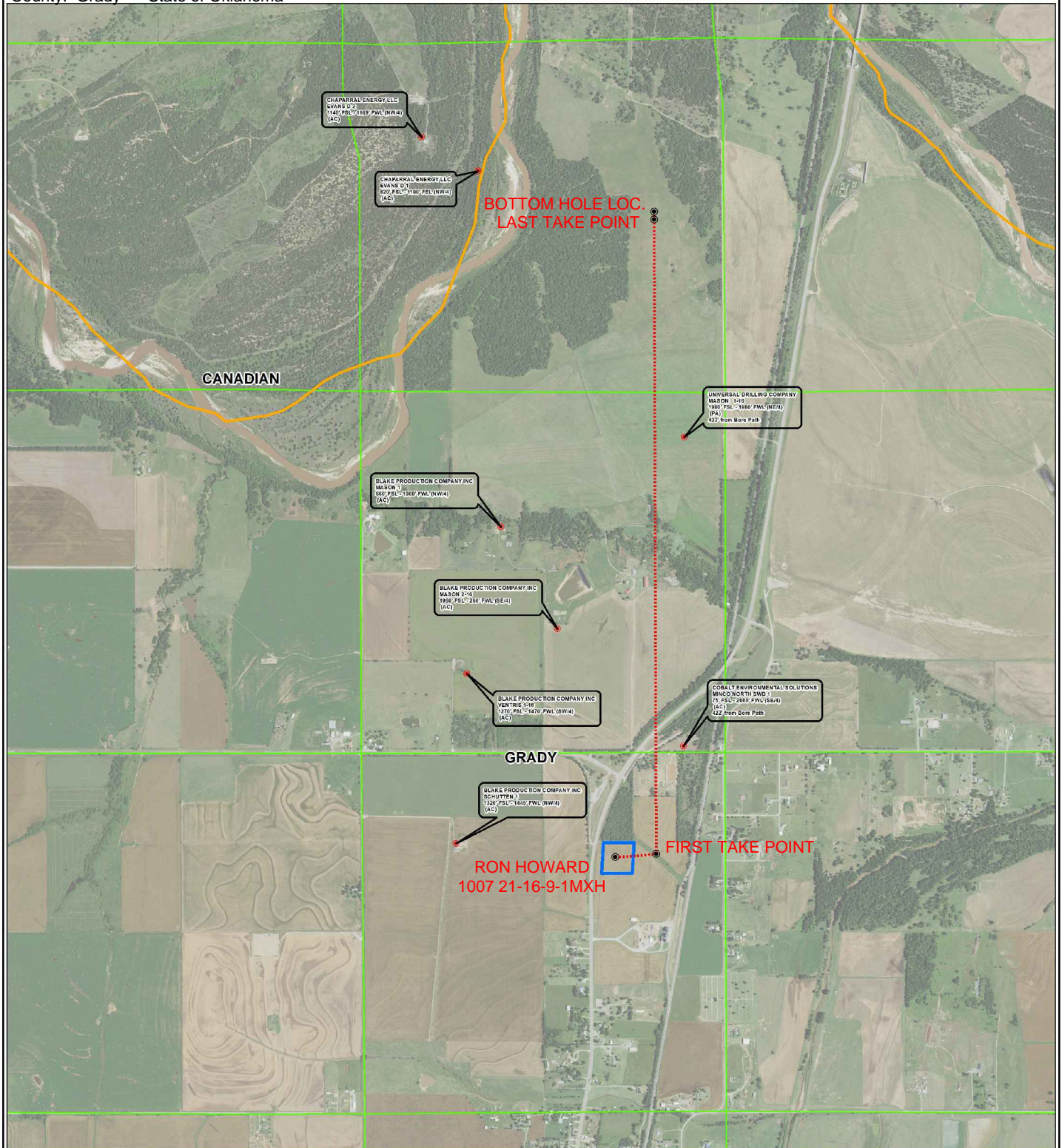
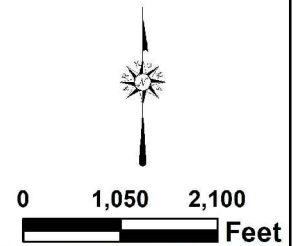
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Lease Name and No.: RON HOWARD 1007 21-16-9-1MXH
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First Take Point: 1500' FNL - 990' FEL
Sec. 21 Twp. 10N Rng. 7W I.M.
Last Take Point: 165' FNL - 990' FEL of SE/4
Bottom Hole Location: 50' FNL - 990' FEL of SE/4
Sec. 9 Twp. 10N Rng. 7W I.M.
County: Grady State of Oklahoma



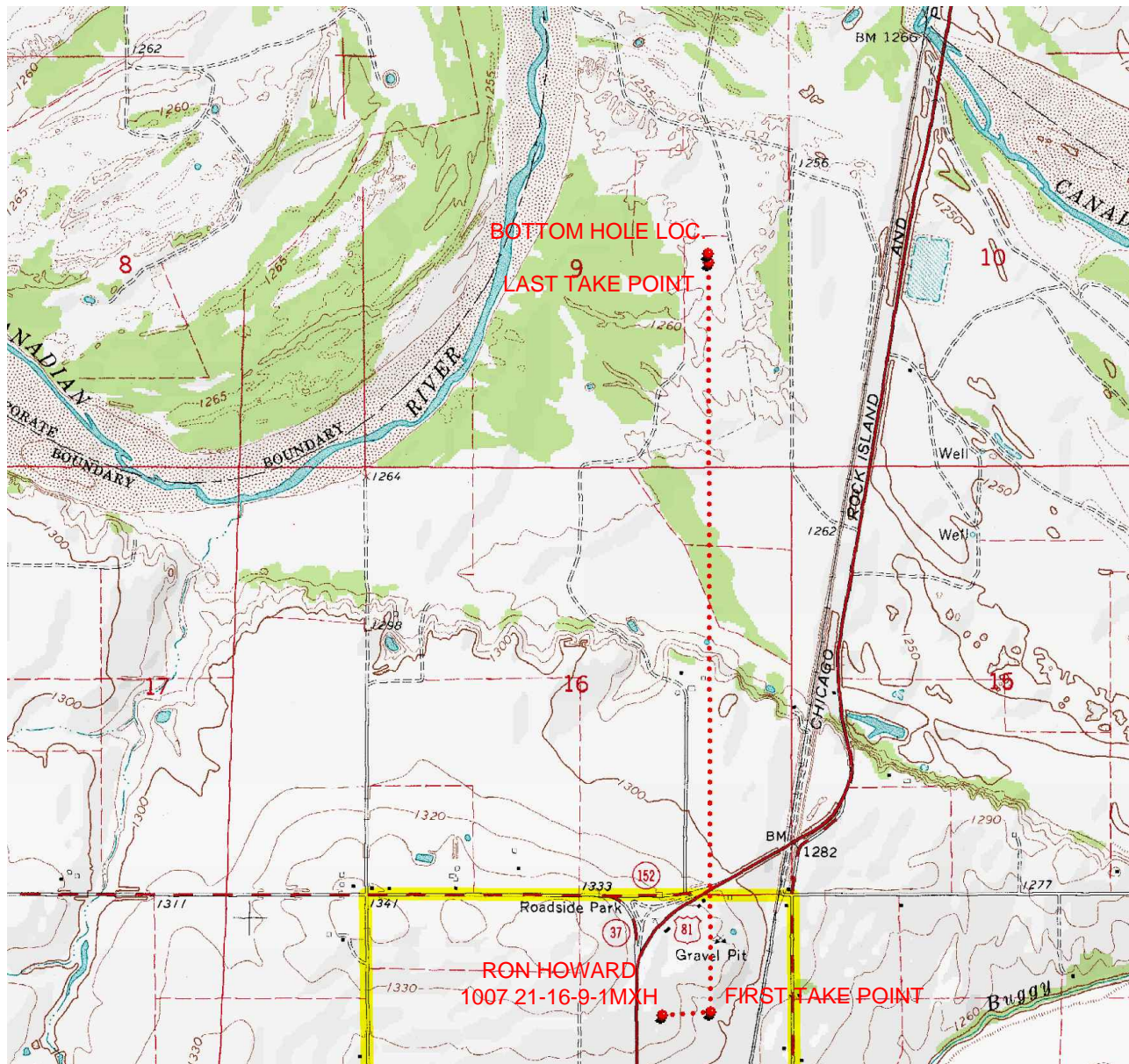


Topographic Vicinity Map

Operator: CAMINO NATURAL RESOURCES, LLC
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Sec. 9 Twp. 10N Rng. 7W I.M.
County: Grady State of Oklahoma
Ground Elevation at Surface Hole Location: 1324'



Scale 1" = 2000'
Contour Interval: 10'



Provided 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, 2022

Date Staked: 11/20/19

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully 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.

County Highway Vicinity Map

CAMINO

Job #:8834-D-B

Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name and No.: RON HOWARD 1007 21-16-9-1MXH

Accessibility: From the South.

Directions: From the junction of State HWY 37 & US HWY 81 in the town of Minco, OK, go 1.0 mile North on US HWY 81, then go ~750ft East on an unnamed lease road to the Northeast Quarter of Section 21-10N-7W on the North side of the road.

1 inch = 0.25 mile

provided by:
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