

API NUMBER: 017 25757

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

Approval Date: 01/04/2022
Expiration Date: 07/04/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 16 Township: 10N Range: 5W County: CANADIAN

SPOT LOCATION: SE SW SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 260 2176

Lease Name: NOWLIN Well No: 1H-21 Well will be 260 feet from nearest unit or lease boundary.
Operator Name: CITIZEN ENERGY III LLC Telephone: 9189494680 OTC/OCC Number: 24120 0

CITIZEN ENERGY III LLC
320 S BOSTON AVE STE 900
TULSA, OK 74103-3729

BRAD NOWLIN
13401 S. MUSTANG RD
MUSTANG OK 73064

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	8900

Spacing Orders: No Spacing Location Exception Orders: No Exceptions Increased Density Orders: No Density

Pending CD Numbers: 202102978 Working interest owners' notified: *** Special Orders: No Special
202102979

Total Depth: 14300 Ground Elevation: 1197 Surface Casing: 1500 Depth to base of Treatable Water-Bearing FM: 160

Deep surface casing has been approved
Approved Method for disposal of Drilling Fluids:
D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 21-38026
H. (Other) SEE MEMO

PIT 1 INFORMATION		Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits		Liner not required for Category: C
Type of Mud System: WATER BASED		Pit Location is: ALLUVIAL
Chlorides Max: 5000 Average: 3000		Pit Location Formation: ALLUVIUM
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.		
PIT 2 INFORMATION		Category of Pit: C
Type of Pit System: CLOSED Closed System Means Steel Pits		Liner not required for Category: C
Type of Mud System: OIL BASED		Pit Location is: ALLUVIAL
Chlorides Max: 300000 Average: 250000		Pit Location Formation: ALLUVIUM
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.		

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.

HORIZONTAL HOLE 1					
Section: 21	Township: 10N	Range: 5W	Meridian: 1M	Total Length: 4727	
	County: GRADY			Measured Total Depth: 14300	
Spot Location of End Point:	S2	S2	S2	True Vertical Depth: 8900	
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from	
Feet From: EAST		1/4 Section Line: 2640		Lease,Unit, or Property Line: 165	

NOTES:	
Category	Description
DEEP SURFACE CASING	[1/3/2022 - GC2] - 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	[1/3/2022 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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, 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
MEMO	[1/3/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202102978	[1/4/2022 - G56] - (E.O.)(640)(HOR) 21-10N-5W EST MSSP POE TO BHL NCT 660' FB (COEXIST WITH SP # 255877 MSSP) REC 1/3/2022 (MILLER)
PENDING CD - 202102979	[1/4/2022 - G56] - (E.O.) 21-10N-5W X202102978 MSSP SHL 260' FSL, 2176' FEL COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 200' FEL NO OP NAMED REC 1/3/2022 (MILLER)

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.



Well Location Plat

S.H.L. Sec. 16-10N-5W I.M.
B.H.L. Sec. 21-10N-5W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: NOWLIN 1H-21

Surface Hole Location: 260' FSL - 2176' FEL Gr. Elevation: 1197'

SE/4-SW/4-SW/4-SE/4 Section: 16 Township: 10N Range: 5W I.M.

Bottom Hole Location: 165' FSL - 2640' FEL

SW/4-SW/4-SW/4-SE/4 Section: 21 Township: 10N Range: 5W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell on an existing level pad site.



All bearings shown are grid bearings.



1" = 1320'

GPS DATUM
NAD 83
NAD 27
OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°20'04.48"N
Lon: 97°43'54.76"W
Lat: 35.33457794
Lon: -97.73187761
X: 2048479
Y: 121905

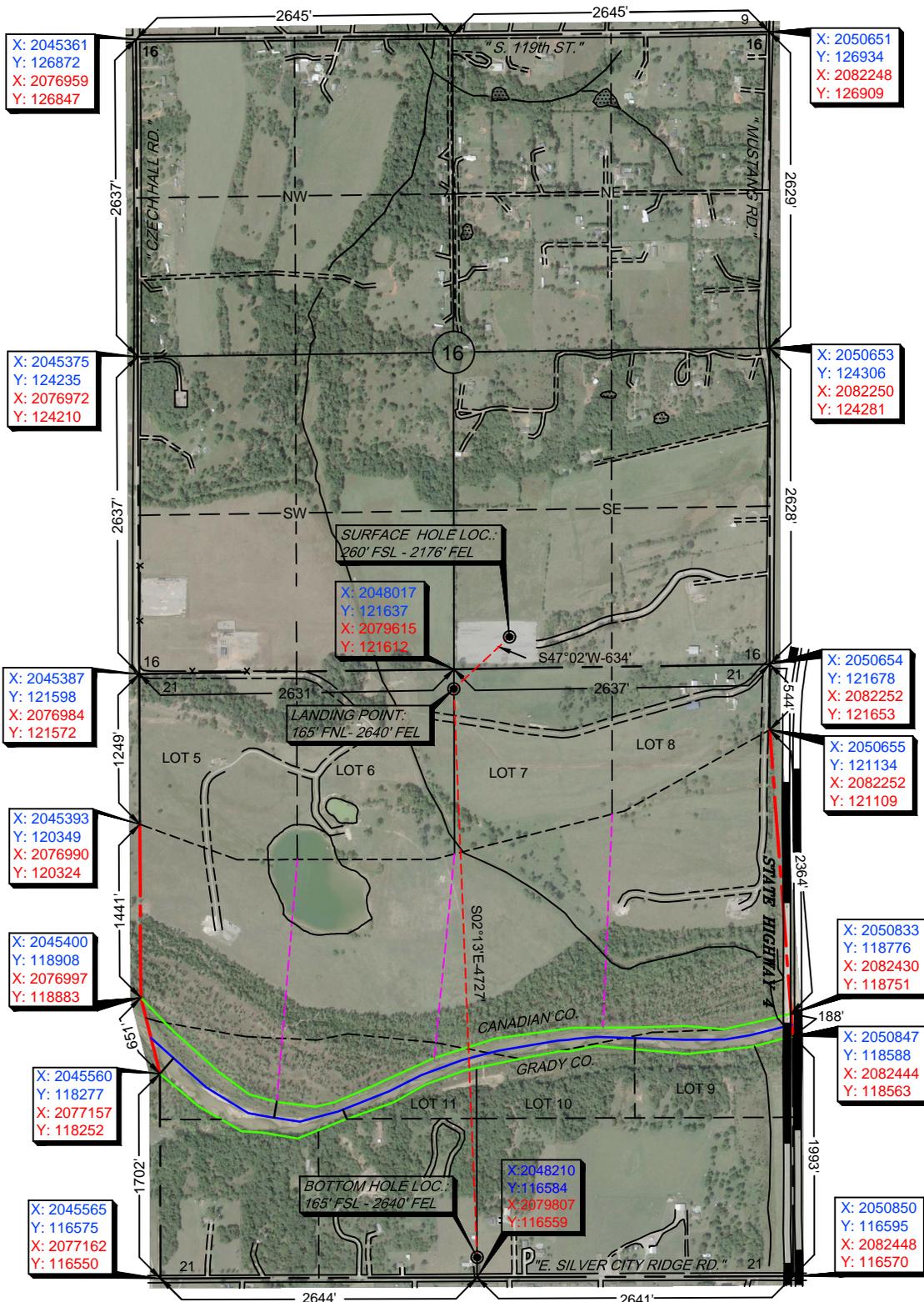
Surface Hole Loc.:
Lat: 35°20'04.26"N
Lon: 97°43'53.61"W
Lat: 35.33451713
Lon: -97.73155773
X: 2080076
Y: 121879

Landing Point:
Lat: 35°20'00.22"N
Lon: 97°44'00.38"W
Lat: 35.33339401
Lon: -97.73343828
X: 2048014
Y: 121472

Landing Point:
Lat: 35°19'60.00"N
Lon: 97°43'59.23"W
Lat: 35.33333317
Lon: -97.73311836
X: 2079612
Y: 121447

Bottom Hole Loc.:
Lat: 35°19'13.50"N
Lon: 97°43'58.17"W
Lat: 35.32041716
Lon: -97.73282552
X: 2048210
Y: 116749

Bottom Hole Loc.:
Lat: 35°19'13.28"N
Lon: 97°43'57.02"W
Lat: 35.32035590
Lon: -97.73250572
X: 2079807
Y: 116724



-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, 2022

Certification:

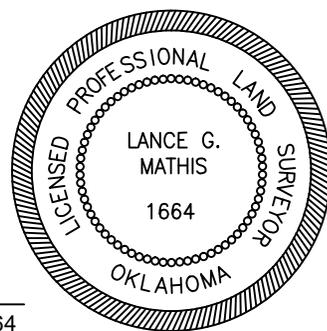
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice #: 9758-A
Date Staked: 12/07/2021 By: D.W.
Date Drawn: 12/09/2021 By: M.K.

LANCE G. MATHIS

12/09/2021

OK LPLS 1664





Well Location Plat

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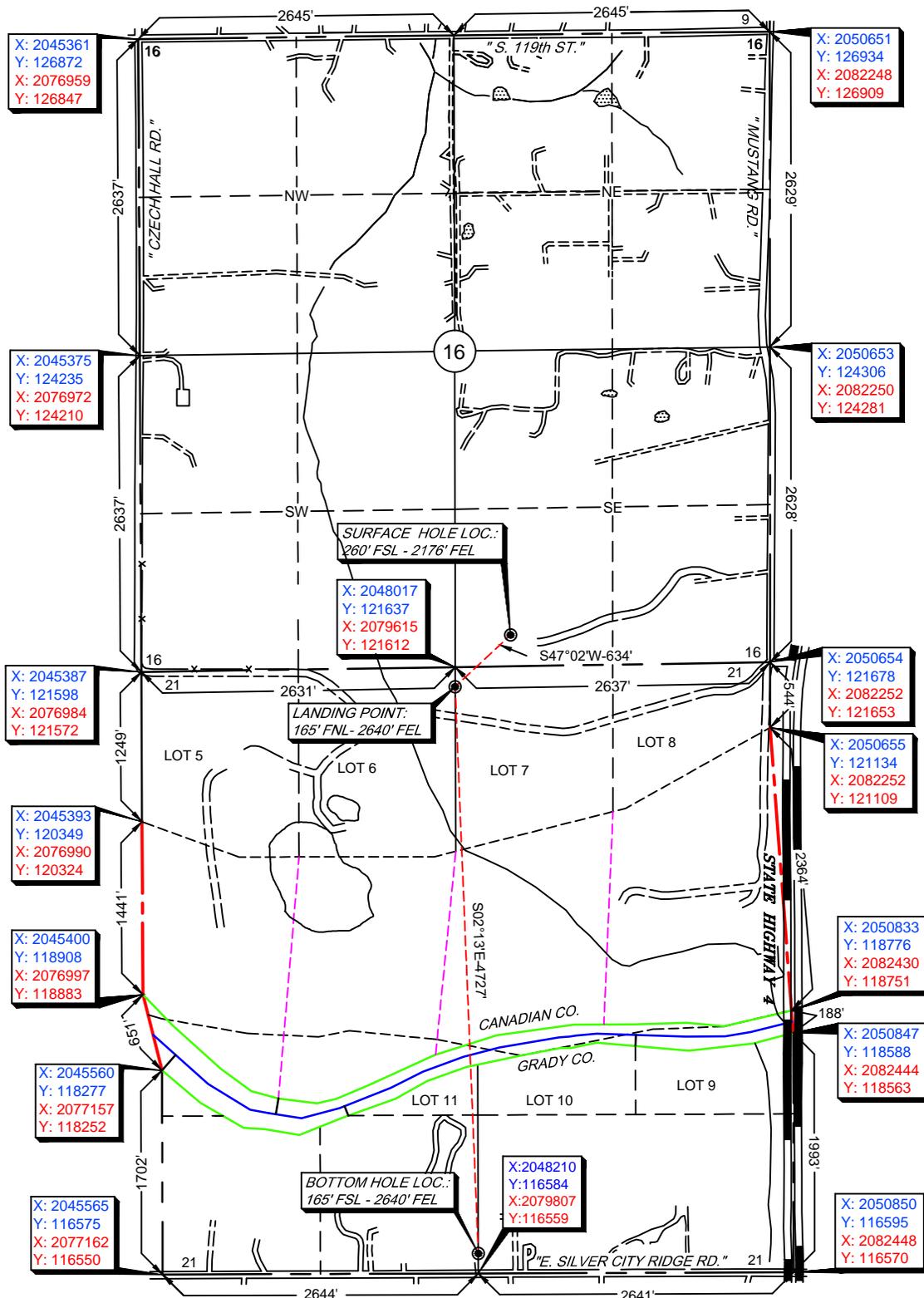
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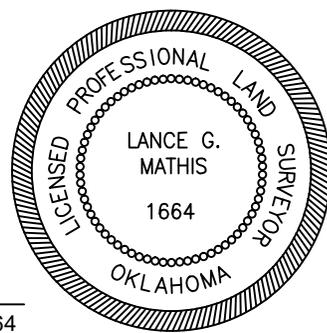
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Invoice #: 9758-A
Date Staked: 12/07/2021 By: D.W.
Date Drawn: 12/09/2021 By: M.K.

LANCE G. MATHIS

12/09/2021

OK LPLS 1664



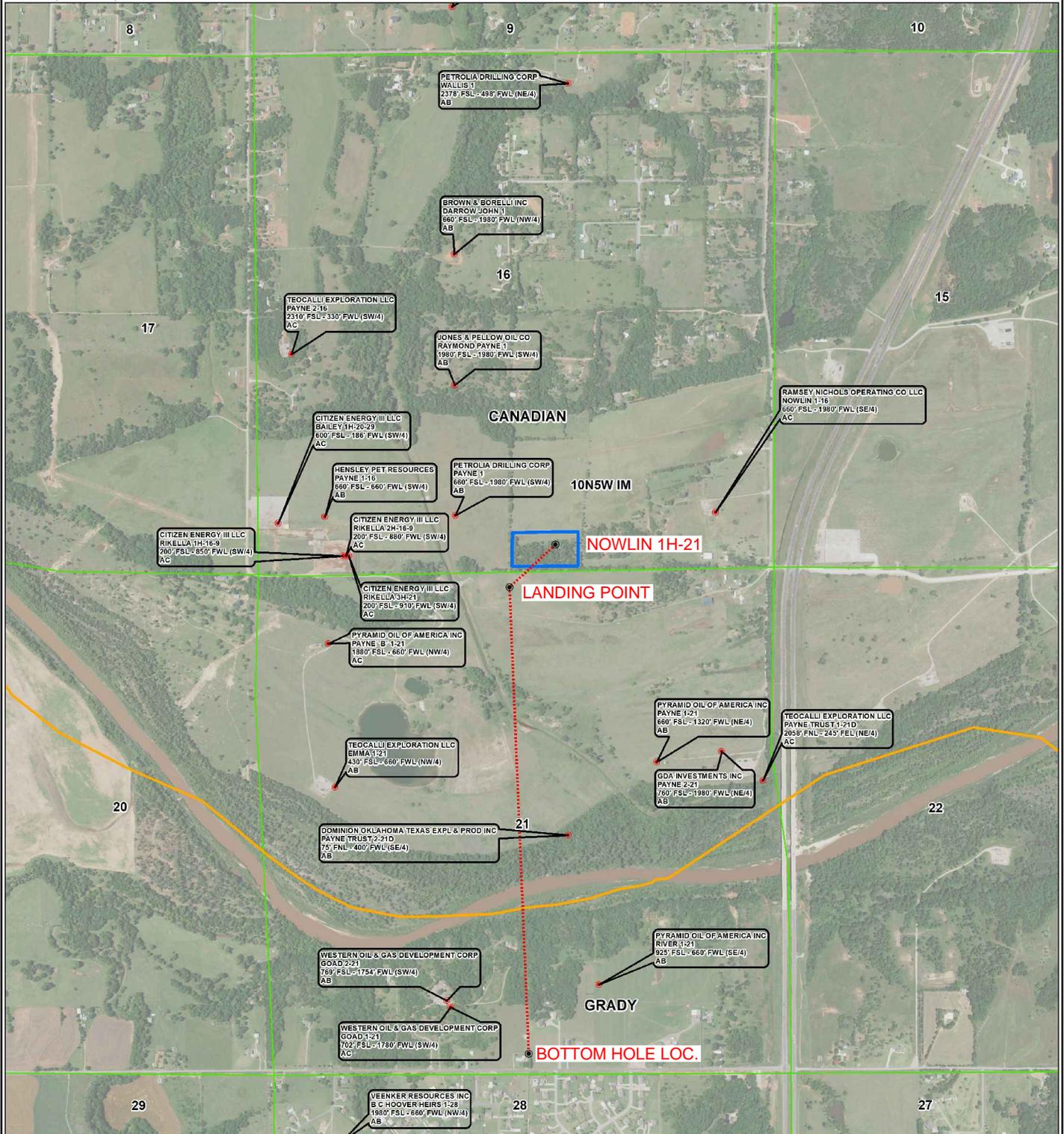
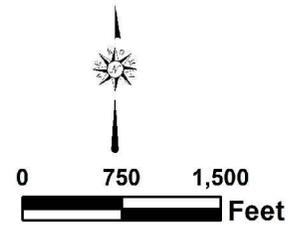


Anti-Collision

Sec(s).16 & 21-10N-5W I.M.

Operator: CITIZEN ENERGY, LLC
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 Sec. 16 Twp. 10N Rng. 5W I.M.
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 Sec. 21 Twp. 10N Rng. 5W I.M.
 County: Canadian State of Oklahoma
 Bottom Hole Location: 165' FSL - 2640' FEL
 Sec. 21 Twp. 10N Rng. 5W I.M.
 County: Grady State of Oklahoma

● SHL	▭ PAD
● LP & BHL	▭ Counties
⋯ Bore Path	▭ Township-Range
● OCC Wells	▭ Sections



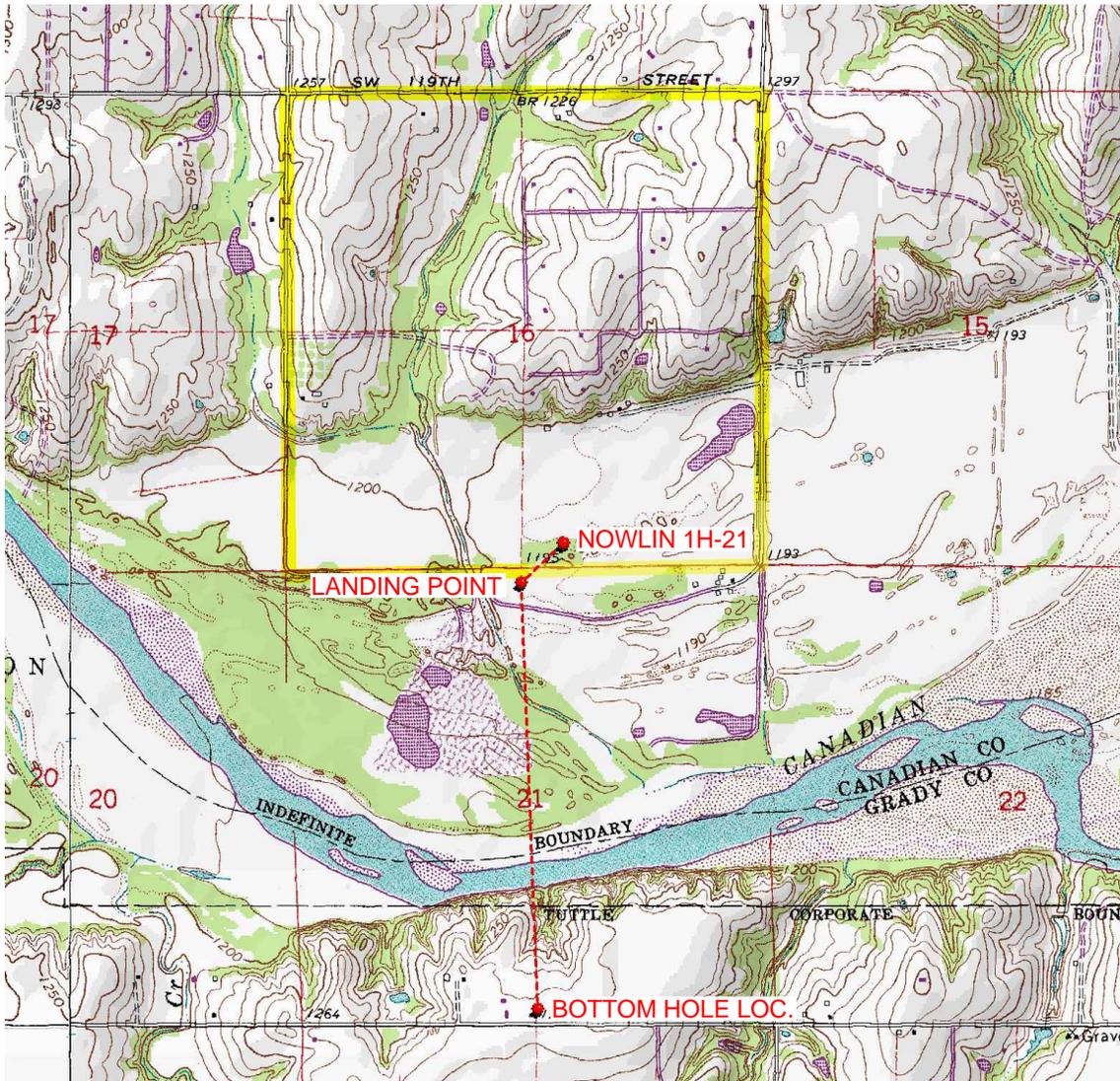


Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
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 Sec. 21 Twp. 10N Rng. 5W I.M.
 County: Grady State of Oklahoma
 Ground Elevation at Surface Hole Location: 1197'



Scale 1" = 2000'
 Contour Interval: 10'



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 Expires June 30, 2022

Date Staked: 12/07/2021

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



Job #: 9758-A

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: NOWLIN 1H-21

Accessibility: From the East.

Directions: From the junction of Highway 4 & "S. Mustang Rd." in Canadian, CO., OK, go .25 miles North on "S. Mustang Rd." to the SE/4 of Section 16-10N-5W with the Proposed Site being at the end of an existing lease road.

1 inch = 0.25 mile

provided by:
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