API NUMBER: 051 24798

Multi Unit Oil & Gas

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

Approval Date: 09/04/2020
Expiration Date: 03/04/2022

PERMIT TO DRILL

WELL LOCATION: Section: 14 Township: 9N Range: 5W County: GRADY

SPOT LOCATION: SE NE NE NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**

SECTION LINES: **455** **2385**

Lease Name: **BRIDGE CREEK** **Well No:** **1H-11-2** **Well will be** **455** **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

WAYNE GEORGE COLLINS
2434 HILL ROAD
OKLAHOMA CITY OK 73170

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	9500

Spacing Orders: 436300
656206

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Special Orders: No Special Orders

Pending CD Numbers: 202001483
202001485
202001488
202001489
202001487

Total Depth: 20068 Ground Elevation: 1299 **Surface Casing: 380** Depth to base of Treatable Water-Bearing FM: 330

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: 20-37260

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? Y
Wellhead Protection Area? Y
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

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? Y
Wellhead Protection Area? Y
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

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: 2	Township: 9N	Range: 5W	Total Length: 10245
County: GRADY			Measured Total Depth: 20068
Spot Location of End Point: N2 N2 N2 NE			True Vertical Depth: 10000
Feet From: **NORTH**	1/4 Section Line: 165		End Point Location from Lease,Unit, or Property Line: 165
Feet From: **EAST**	1/4 Section Line: 1320		

NOTES:

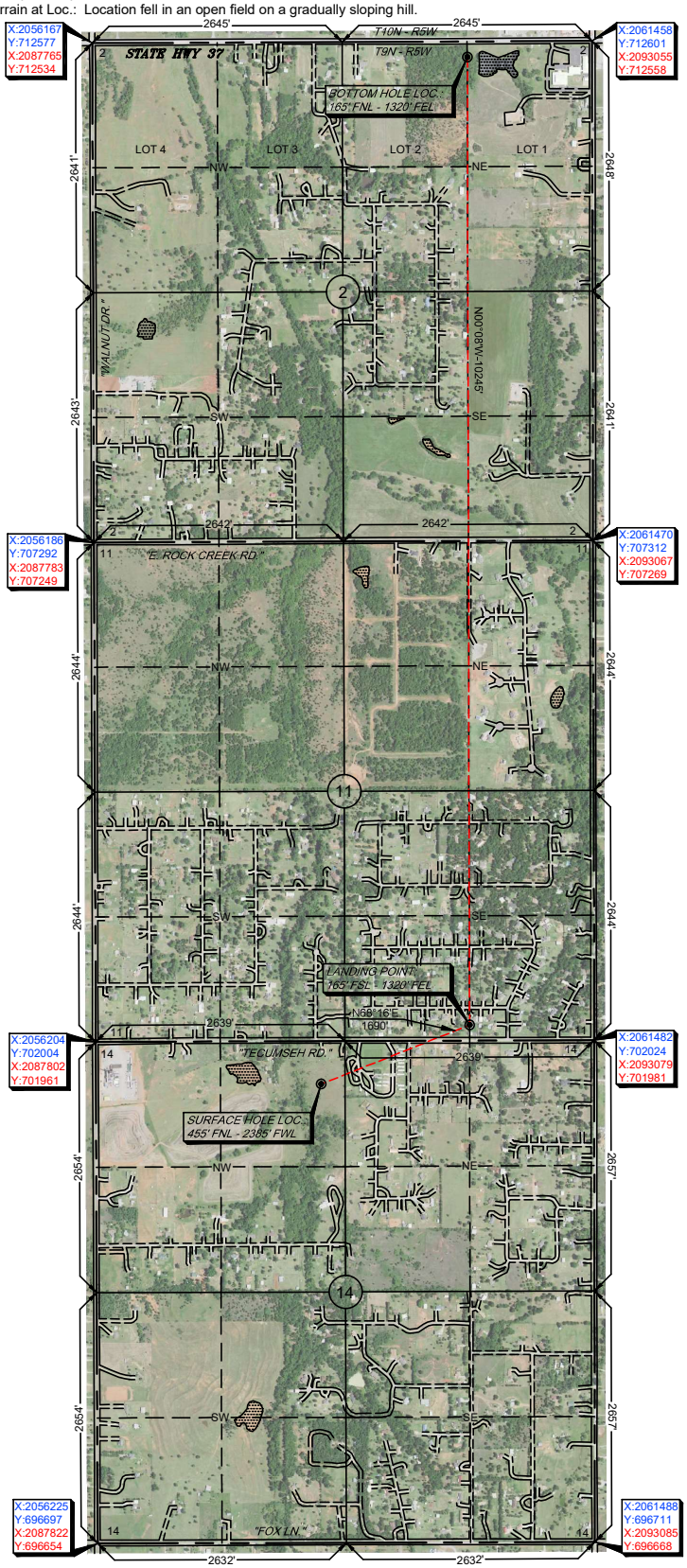
Category	Description
HYDRAULIC FRACTURING	9/1/2020 - GC2 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 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
MEMO	9/1/2020 - GC2 - CLOSED SYSTEM=STEEL PITS (REQUIRED-COUNTRY MHP), OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202001483	9/2/2020 - G56 - (E.O.) 2 & 11-9N-5W EST MULTIUNIT HORIZONTAL WELL X436300 MSSP 2-9N-5W X656206 MSSP 11-9N-5W 50% 2-9N-5W 50% 11-9N-5W CITIZEN ENERGY III, LLC REC 9/1/2020 (MOORE)
PENDING CD - 202001485	9/2/2020 - G56 - (E.O.) 2 & 11-9N-5W X436300 MSSP 2-9N-5W X656206 MSSP 11-9N-5W COMPL INT (2-9N-5W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (11-9N-5W) NCT 165' FSL, NCT 0' FNL, NCT 660' FEL CITIZEN ENERGY III, LLC REC 9/1/2020 (MOORE)
PENDING CD - 202001487	9/2/2020 - G56 - (E.O.) 2-9N-5W X165:10-3-28(C)(2)(B) MSSP (BRIDGE CREEK 1H 11-2-9N-5W)*** MAY BE CLOSER THAN 600' TO FREEZE 2-2 AND FREEZE 3 WELLS CITIZEN ENERGY III, LLC REC 9/1/2020 (MOORE) *** WELL NAME WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR
PENDING CD - 202001488	9/2/2020 - G56 - (E.O.) 2-9N-5W X436300 MSSP 2 WELLS CITIZEN ENERGY III, LLC REC 9/1/2020 (MOORE)
PENDING CD - 202001489	9/2/2020 - G56 - (E.O.) 11-9N-5W X656206 MSSP 2 WELLS CITIZEN ENERGY III, LLC REC 9/1/2020 (MOORE)
PUBLIC WATER SUPPLY	9/1/2020 - GC2 - COUNTRY MHP - 1 PWS/WPA, NE/4 14-9N-5W - NO DSC
SPACING - 436300	9/2/2020 - G56 - (640) 2-9N-5W EXT OTHERS EXT 419948 MSSP, OTHER
SPACING - 656206	9/2/2020 - G56 - (640)(HOR) 11-9N-5W EST MSSP COMPL INT NLT 660' FB (COEXIST WITH SP # 414572 MYES)

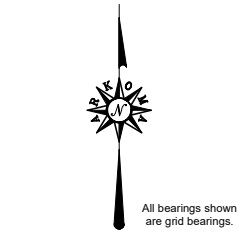
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.

Well Location Plat

S.H.L. Sec. 14-9N-5W I.M.
B.H.L. Sec. 2-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: BRIDGE CREEK 1H-11-2
Surface Hole Location: 455' FNL - 2385' FWL Gr. Elevation: 1299'
SE/4-NE/4-NE/4-NW/4 Section: 14 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 1320' FEL
NW/4-NW/4-NE/4-NE/4 Section: 2 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in an open field on a gradually sloping hill.





1" = 1500'

GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:	Lat: 35°15'38.42"N Lon: 97°41'53.65"W Lat: 35.26067153 Lon: -97.69823666 X: 2058591 Y: 701558
Surface Hole Loc.:	Lat: 35°15'38.19"N Lon: 97°41'52.51"W Lat: 35.26060805 Lon: -97.69791826 X: 2090189 Y: 701516
Landing Point:	Lat: 35°15'44.56"N Lon: 97°41'34.70"W Lat: 35.26237792 Lon: -97.69297202 X: 2060161 Y: 702184
Landing Point:	Lat: 35°15'44.33"N Lon: 97°41'33.55"W Lat: 35.26231445 Lon: -97.69265374 X: 2091758 Y: 702141
Bottom Hole Loc.:	Lat: 35°17'25.89"N Lon: 97°41'34.60"W Lat: 35.29052496 Lon: -97.69294464 X: 2060138 Y: 712430
Bottom Hole Loc.:	Lat: 35°17'25.66"N Lon: 97°41'33.45"W Lat: 35.29046235 Lon: -97.69262611 X: 2091735 Y: 712387

-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 only guaranteed to meet standards adopted by the Oklahoma Board of Licensure for Professional Land Surveyors if any inconsistency is determined. GPS data is obtained 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

Invoice #8965-C
Date Staked: 01/13/2020 By: S.O.
Date Drawn: 08/07/2020 By: S.S.

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.

08/10/2020
LANCE G. MATHIS OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Well Location Plat

S.H.L. Sec. 14-9N-5W I.M.
B.H.L. Sec. 2-9N-5W I.M.

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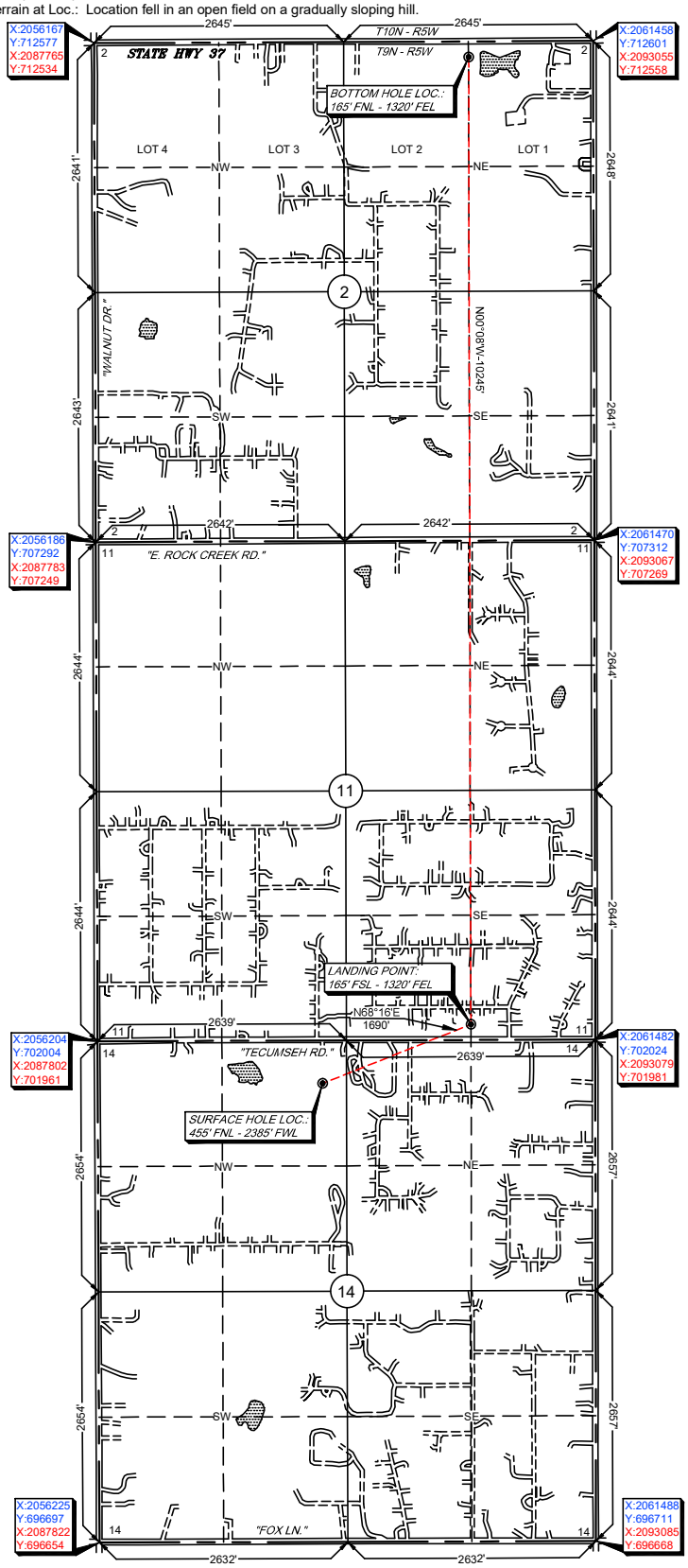
SE/4-NE/4-NE/4-NW/4 Section: 14 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 1320' FEL
NW/4-NW/4-NE/4-NE/4 Section: 2 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in an open field on a gradually sloping hill.



All bearings shown are grid bearings.

0' 750' 1500' 2250'

1" = 1500'

GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:	
Lat: 35°15'38.42"N	
Lon: 97°41'53.65"W	
Lat: 35.26067153	
Lon: -97.69823666	
X: 2058591	
Y: 701558	
Surface Hole Loc.:	
Lat: 35°15'38.19"N	
Lon: 97°41'52.51"W	
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Lon: -97.69791826	
X: 2090189	
Y: 701516	
Landing Point:	
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Lon: -97.69265374	
X: 2091758	
Y: 702141	
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Lat: 35.29046235	
Lon: -97.69262611	
X: 2091735	
Y: 712387	

-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 to meet standards adopted by the Oklahoma Board of Tax Roll Control if any inconsistency is determined. GPS data is obtained 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.

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LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Anti-Collision

Sec. 14-9N-5W I.M.

CITIZEN ENERGY

Operator: CITIZEN ENERGY, LLC
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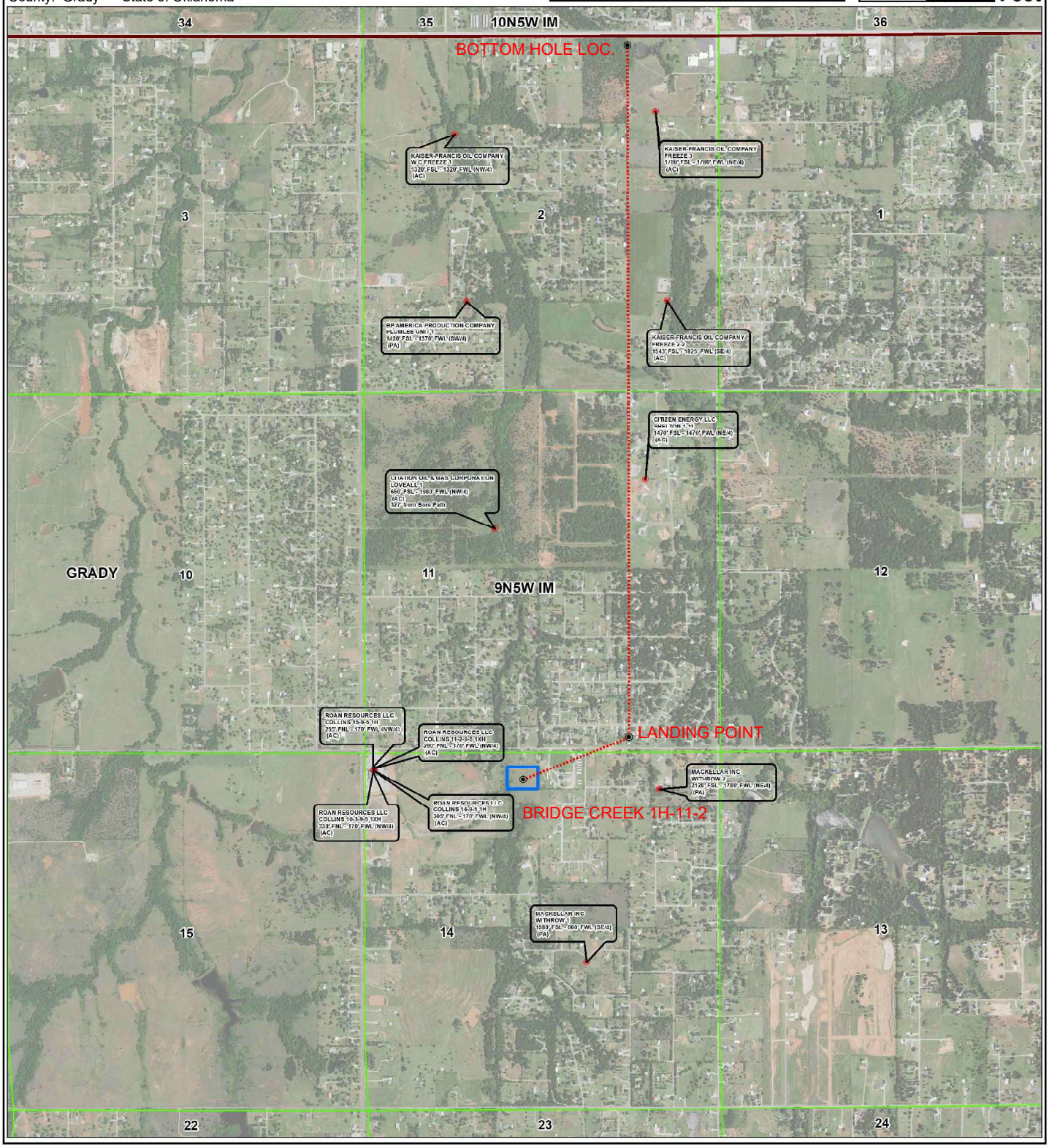
Landing Point: 165' FSL - 1320' FEL
Sec. 11 Twp. 9N Rng. 5W I.M.
Bottom Hole Location: 165' FNL - 1320' FEL
Sec. 2 Twp. 9N Rng. 5W I.M.
County: Grady State of Oklahoma

SHL, LP, & BHL
Bore Path
Pad
OCC_Wells
Counties
Township-Range
Sections

0 1,000 2,000 Feet



Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: BRIDGE CREEK 1H-11-2
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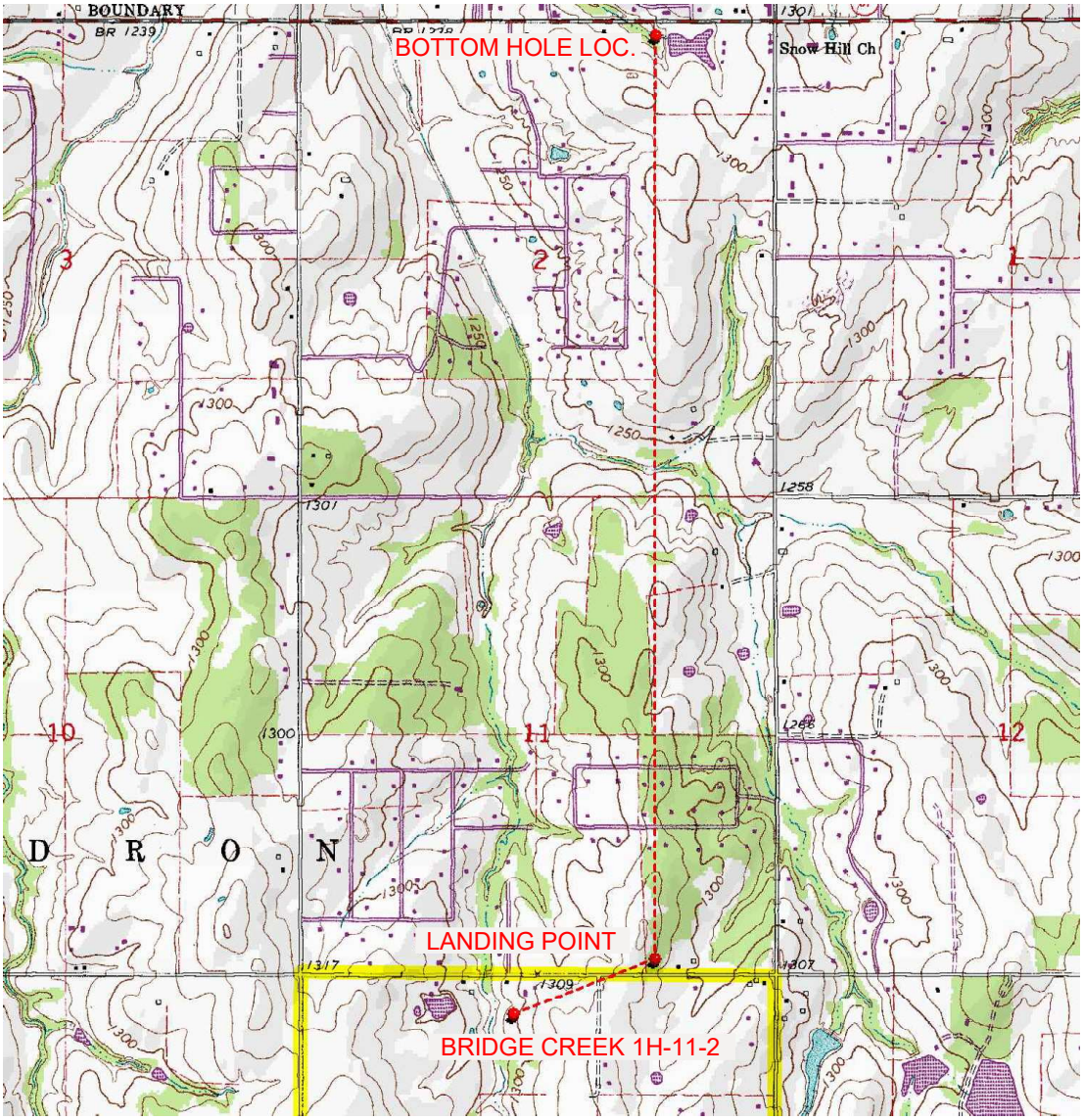
Sec. 11 Twp. 9N Rng. 5W I.M.
Bottom Hole Location: 165' FNL - 1320' FEL
Sec. 2 Twp. 9N Rng. 5W I.M.
County: Grady State of Oklahoma
Ground Elevation at Surface Hole Location: 1299'

Scale 1" = 2000'
Contour Interval: 10'



Provided by:
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Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348
Expires June 30, 2022

Date Staked: 01/13/2020

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.

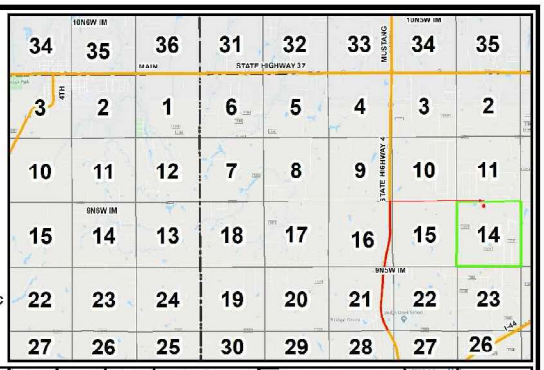
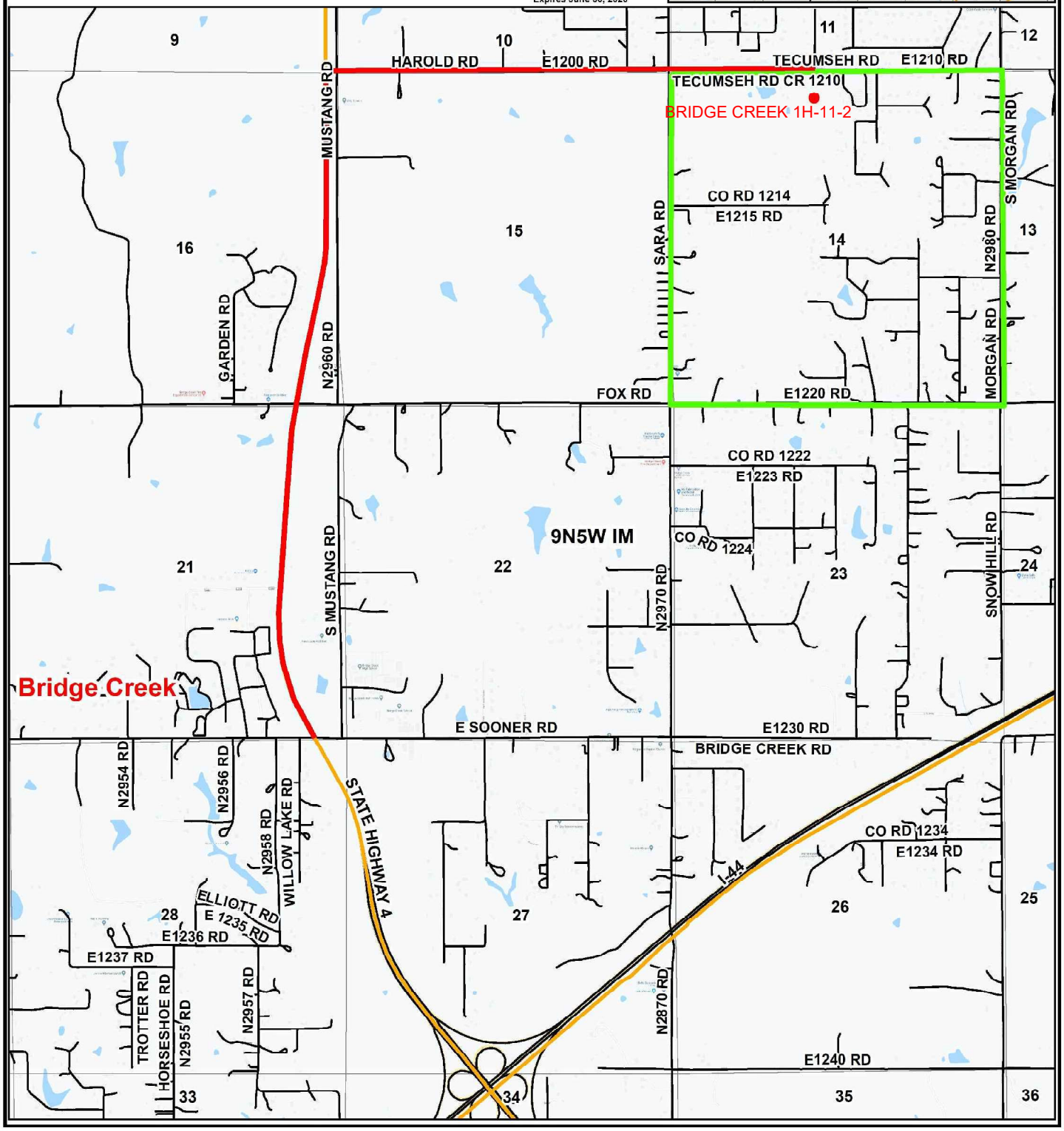
County Highway Vicinity Map

CITIZEN ENERGY

Job #: 8965-C
Operator: CITIZEN ENERGY, LLC
Lease Name and No.: BRIDGE CREEK 1H-11-2

Accessibility: From the North

Directions: From the junction of State Highway 4 & "Sooner Rd." in the town of Bridge Creek, OK. Go 2.0 miles North on State Highway 4 to the junction of "Tecumseh Rd." and State Highway 4, then go East along "Tecumseh Rd." 1.5 miles to the Northwest Quarter of Section 14-9N-5W on the South Side of the Road.

1 inch = 0.39 mile

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