

API NUMBER: 051 24797

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

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: SE NE NE NW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 455 2415

Lease Name: BRIDGE CREEK Well No: 1H-14 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: 663968 Location Exception Orders: No Exceptions Increased Density Orders: No Density Orders

Pending CD Numbers: 202001467 202001466 Special Orders: No Special Orders

Total Depth: 14805 Ground Elevation: 1301 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: 20-37261
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.

HORIZONTAL HOLE 1

Section: 14	Township: 9N	Range: 5W	Total Length: 4982
	County: GRADY		Measured Total Depth: 14805
Spot Location of End Point: S2	S2	S2 SE	True Vertical Depth: 9550
Feet From: SOUTH	1/4 Section Line: 165		End Point Location from
Feet From: EAST	1/4 Section Line: 1320		Lease,Unit, or Property Line: 165

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 - 202001466	9/3/2020 - G56 - (E.O.) 14-9N-5W X663968 MSSP 2 WELLS CITIZEN ENERGY III, LLC REC 8/28/2020 (MOORE)
PENDING CD - 202001467	9/3/2020 - G56 - (E.O.) 14-9N-5W X663968 MSSP COMPL INT NCT 165' FNL, NCT 165' FSL, NCT 660' FEL CITIZEN ENERGY III, LLC REC 8/28/2020 (MOORE)
PUBLIC WATER SUPPLY	9/1/2020 - GC2 - COUNTRY MHP - 1 PWS/WPA, NE/4 14-9N-5W - NO DSC
SPACING - 663968	9/3/2020 - G56 - (640)(HOR) 14-9N-5W EXT 655130 MSSP, OTHER COMPL INT NLT 660' FB

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Well Location Plat

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

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: BRIDGE CREEK 1H-14

Surface Hole Location: 455' FNL - 2415' FWL Gr. Elevation: 1301'

SE/4-NE/4-NE/4-NW/4 Section: 14 Township: 9N Range: 5W I.M.

Bottom Hole Location: 165' FSL - 1320' FEL

SE/4-SE/4-SW/4-SE/4 Section: 14 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.



1" = 1000'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

X:2056204
Y:702004
X:2087802
Y:701961

X:2061482
Y:702024
X:2093079
Y:701981

Surface Hole Loc.:
Lat: 35°15'38.42"N
Lon: 97°41'53.29"W
Lat: 35.26067160
Lon: -97.69813617
X: 2058621
Y: 701558

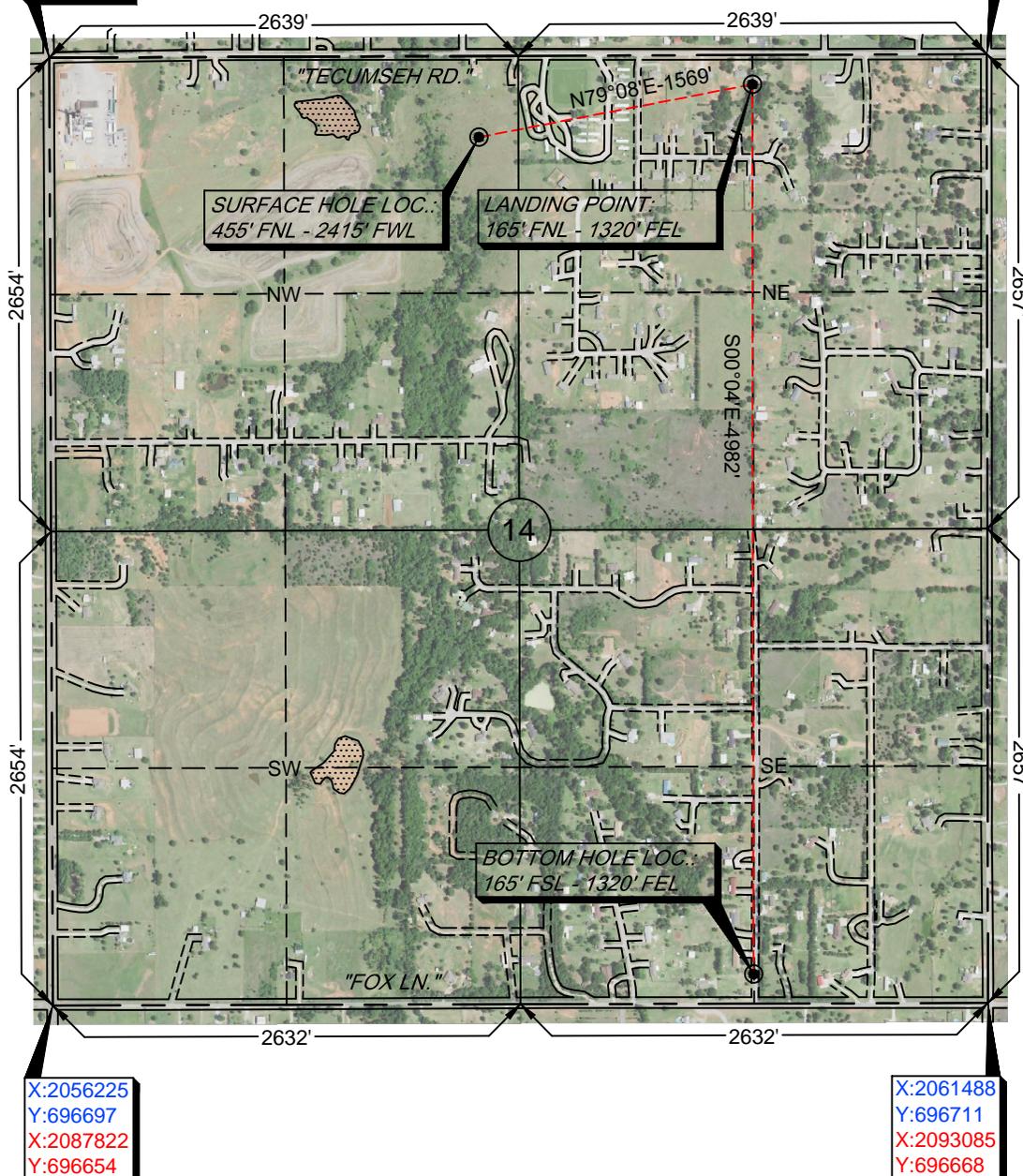
Surface Hole Loc.:
Lat: 35°15'38.19"N
Lon: 97°41'52.14"W
Lat: 35.26060812
Lon: -97.69781777
X: 2090219
Y: 701516

Landing Point:
Lat: 35°15'41.30"N
Lon: 97°41'34.70"W
Lat: 35.26147131
Lon: -97.69297351
X: 2060162
Y: 701854

Landing Point:
Lat: 35°15'41.07"N
Lon: 97°41'33.56"W
Lat: 35.26140781
Lon: -97.69265524
X: 2091759
Y: 701811

Bottom Hole Loc.:
Lat: 35°14'52.02"N
Lon: 97°41'34.81"W
Lat: 35.24778470
Lon: -97.69300322
X: 2060168
Y: 696872

Bottom Hole Loc.:
Lat: 35°14'51.79"N
Lon: 97°41'33.67"W
Lat: 35.24772081
Lon: -97.69268508
X: 2091765
Y: 696830

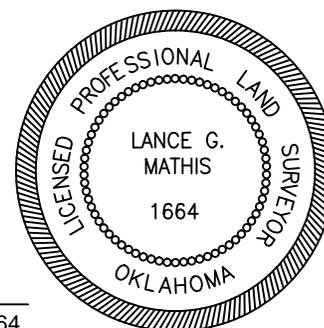


-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
-NOTE: 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.



Lance G. Mathis
LANCE G. MATHIS

08/10/2020

OK LPLS 1664

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



Well Location Plat

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

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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.



1" = 1000'

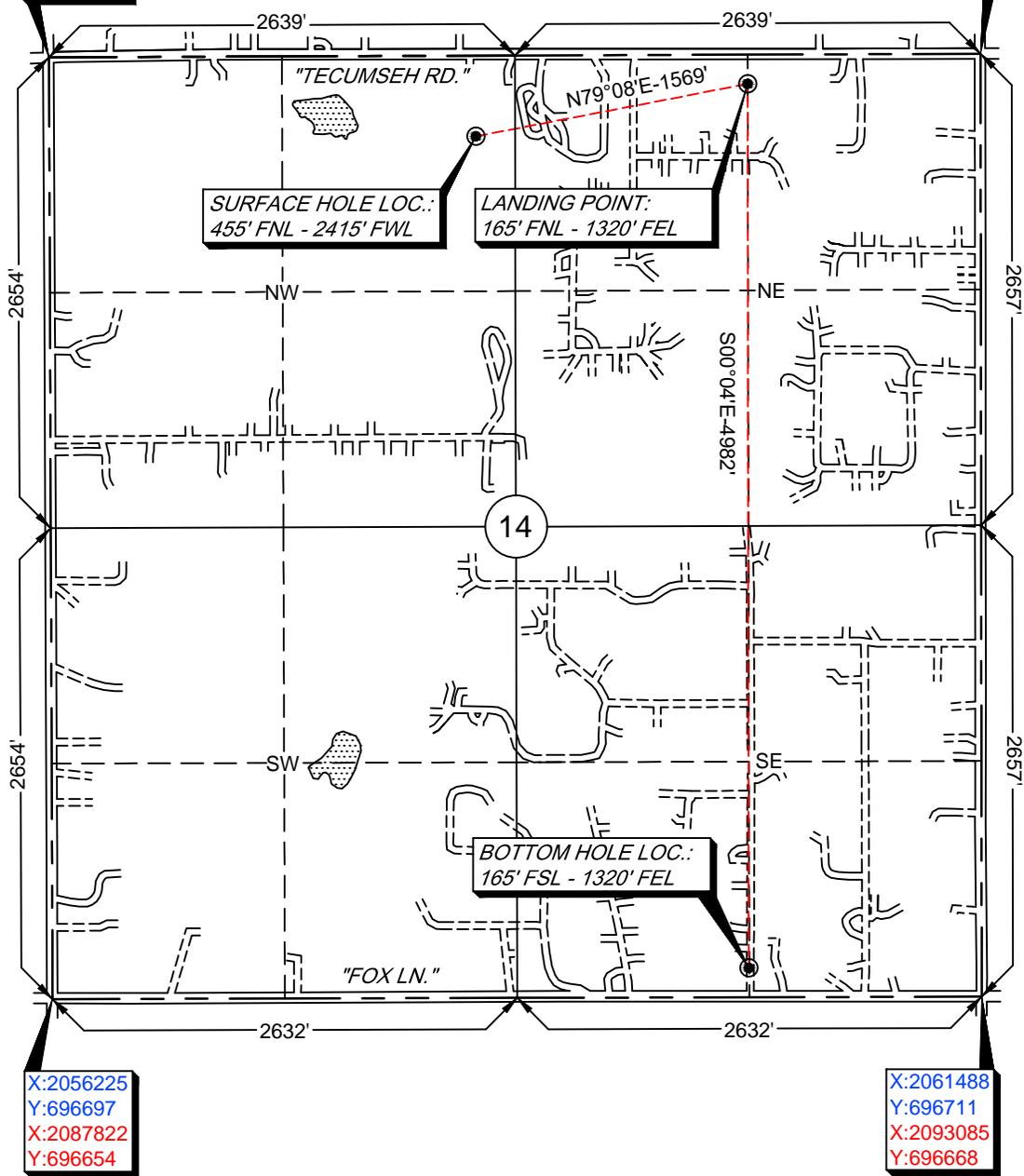
GPS DATUM
NAD 83
NAD 27

OK SOUTH ZONE

X:2056204
Y:702004
X:2087802
Y:701961

X:2061482
Y:702024
X:2093079
Y:701981

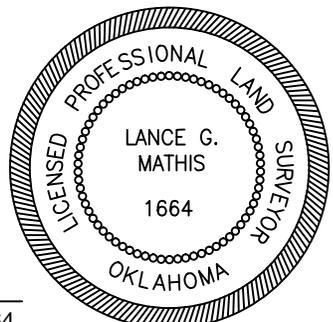
Surface Hole Loc.:	Lat: 35°15'38.42"N Lon: 97°41'53.29"W Lat: 35.26067160 Lon: -97.69813617 X: 2058621 Y: 701558
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Landing Point:	Lat: 35°15'41.30"N Lon: 97°41'34.70"W Lat: 35.26147131 Lon: -97.69297351 X: 2060162 Y: 701854
Landing Point:	Lat: 35°15'41.07"N Lon: 97°41'33.56"W Lat: 35.26140781 Lon: -97.69265524 X: 2091759 Y: 701811
Bottom Hole Loc.:	Lat: 35°14'52.02"N Lon: 97°41'34.81"W Lat: 35.24778470 Lon: -97.69300322 X: 2060168 Y: 696872
Bottom Hole Loc.:	Lat: 35°14'51.79"N Lon: 97°41'33.67"W Lat: 35.24772081 Lon: -97.69268508 X: 2091765 Y: 696830



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

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



Anti-Collision

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

CITIZEN ENERGY

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: BRIDGE CREEK 1H-14

Surface Hole Location: 455' FNL - 2415' FWL

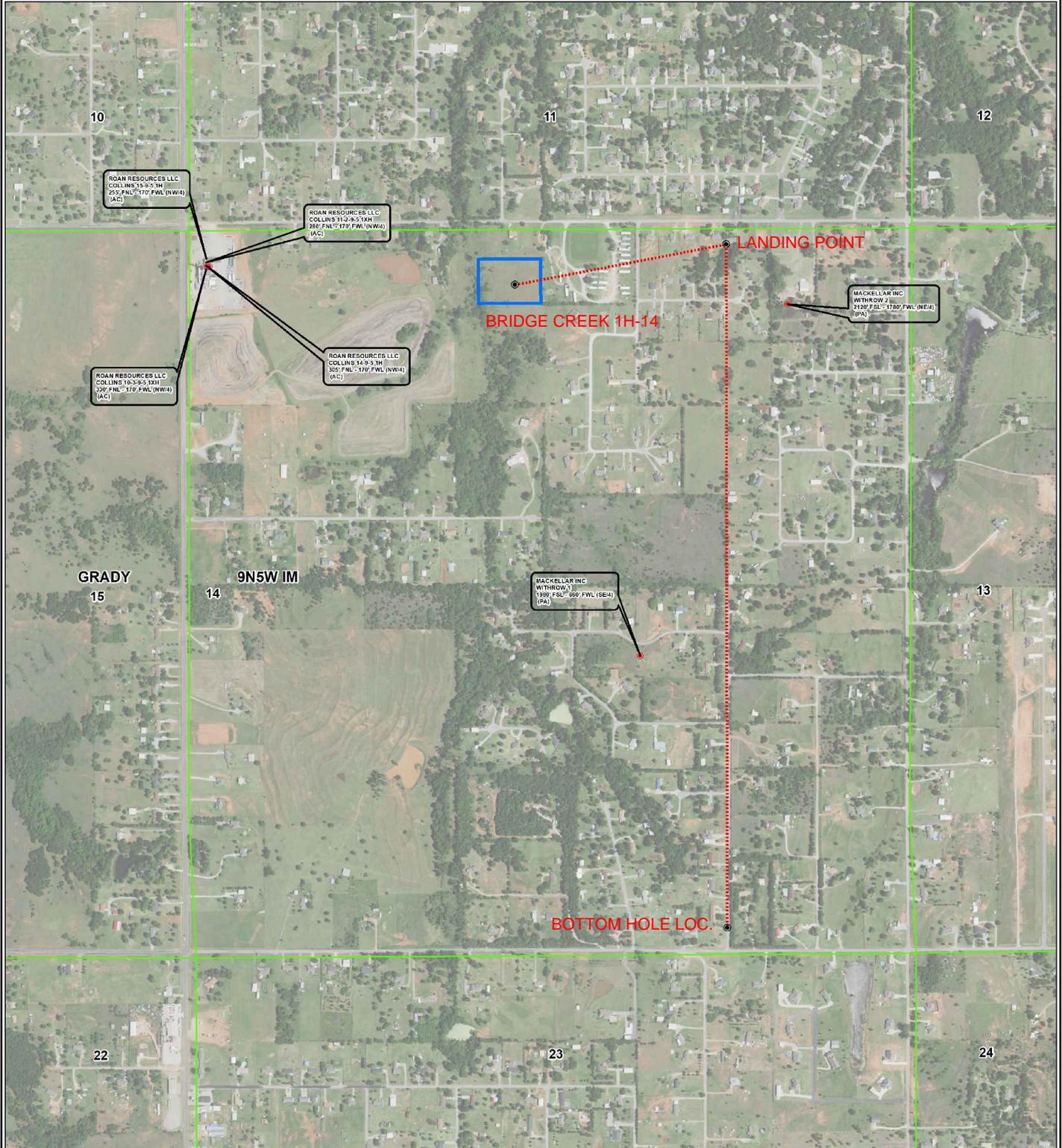
Landing Point: 165' FNL - 1320' FEL

Bottom Hole Location: 165' FSL - 1320' FEL

Sec. 14 Twp. 9N Rng. 5W I.M.

County: Grady State of Oklahoma

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



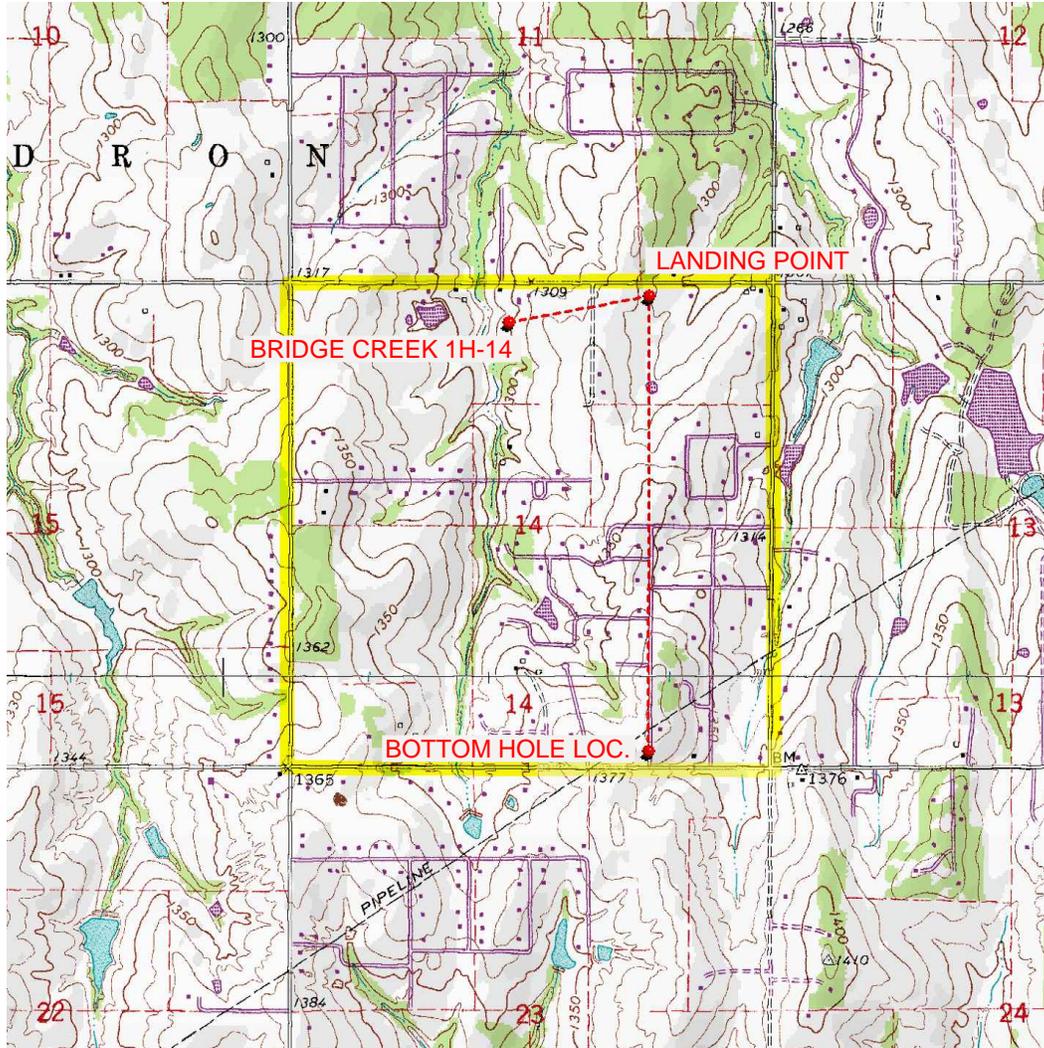


Topographic Vicinity Map



Operator: CITIZEN ENERGY, LLC
 Lease Name and No.: BRIDGE CREEK 1H-14
 Surface Hole Location: 455' FNL - 2415' FWL
 Landing Point: 165' FNL - 1320' FEL
 Bottom Hole Location: 165' FSL - 1320' FEL
 Sec. 14 Twp. 9N Rng. 5W I.M.
 County: Grady State of Oklahoma
 Ground Elevation at Surface Hole Location: 1301'

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

ARKOMA
 SURVEYING & MAPPING

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



Job #: 8965-D

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: BRIDGE CREEK 1H-14

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

provided by:
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Ph. 918-465-5711 Fax 918-465-5030
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Expires June 30, 2020

34	35	36	31	32	33	34	35
3	2	1	6	5	4	3	2
10	11	12	7	8	9	10	11
15	14	13	18	17	16	15	14
22	23	24	19	20	21	22	23
27	26	25	30	29	28	27	26

