API NUMBER: 051 24848

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: 06/23/2021
Expiration Date: 12/23/2022

PERMIT TO DRILL

WELL LOCATION: Section: 25 Township: 9N Range: 5W County: GRADY

SPOT LOCATION: N2 NE SE NW FEET FROM QUARTER: FROM **NORTH** FROM **WEST**

SECTION LINES: **1390** **2310**

Lease Name: **COUNTY LINE** **Well No:** **2H-24-13** **Well will be 1390 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

DESTRY HILL
2429 CR 1230
BLANCHARD OK 73010

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

	Name	Code	Depth
1	WOODFORD	319WDFD	9500

Spacing Orders: 420559
664083

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 201806430
201806431
201806424
201806425

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 20100 Ground Elevation: 1323 **Surface Casing: 1000** Depth to base of Treatable Water-Bearing FM: 580

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: 21-37671

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: 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: 250000
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

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: 13	Township: 9N	Range: 5W	Meridian: IM	Total Length:	10277
County:	GRADY			Measured Total Depth:	20100
Spot Location of End Point:	N2 N2 N2 N2			True Vertical Depth:	9500
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: 2640			

NOTES:

Category	Description
DEEP SURFACE CASING	[6/22/2021 - 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	[6/22/2021 - 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	[6/22/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201806424	[6/23/2021 - G56] - (E.O.) 13-9N-5W X201803238 WDFD*** 3 WELLS NO OP NAMED REC 6/21/21 (DENTON) *** S/B X420559 WDFD; WILL BE CORRECTED AT FINAL HEARING PER ATTORNEY FOR OPERATOR;
PENDING CD - 201806425	[6/23/2021 - G56] - (E.O.) 24-9N-5W X664083 WDFD 3 WELLS NO OP NAMED REC 6/21/21 (DENTON)
PENDING CD - 201806430	[6/23/2021 - G56] - (E.O.) 13 & 24-9N-5W EST MULTIUNIT HORIZONTAL WELL X201803238 WDFD 13-9N-5W*** X664083 WDFD 24-9N-5W 50% 13-9N-5W 50% 24-9N-5W NO OP NAMED REC 6/21/21 (DENTON) *** S/B X420559 WDFD 13-9N-5W; WILL BE CORRECTED IN I.O. PER ATTORNEY FOR OPERATOR;
PENDING CD - 201806431	[6/23/2021 - G56] - (E.O.) 13 & 24-9N-5W X201803238 WDFD 13-9N-5W*** X664083 WDFD 24-9N-5W COMPL INT (13-9N-5W) NCT 165' FNL, NCT 0' FSL, NCT 2310' FWL COMPL INT (24-9N-5W) NCT 0' FNL, NCT 165' FSL, NCT 2310' FWL NO OP NAMED REC 6/21/21 (DENTON) *** S/B X420559 WDFD; WILL BE CORRECTED IN I.O. PER ATTORNEY FOR OPERATOR;
SPACING - 420559	[6/23/2021 - G56] - (640) 13-9N-5W EST OTHERS EXT OTHER EXT 414572 WDFD, OTHER

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.

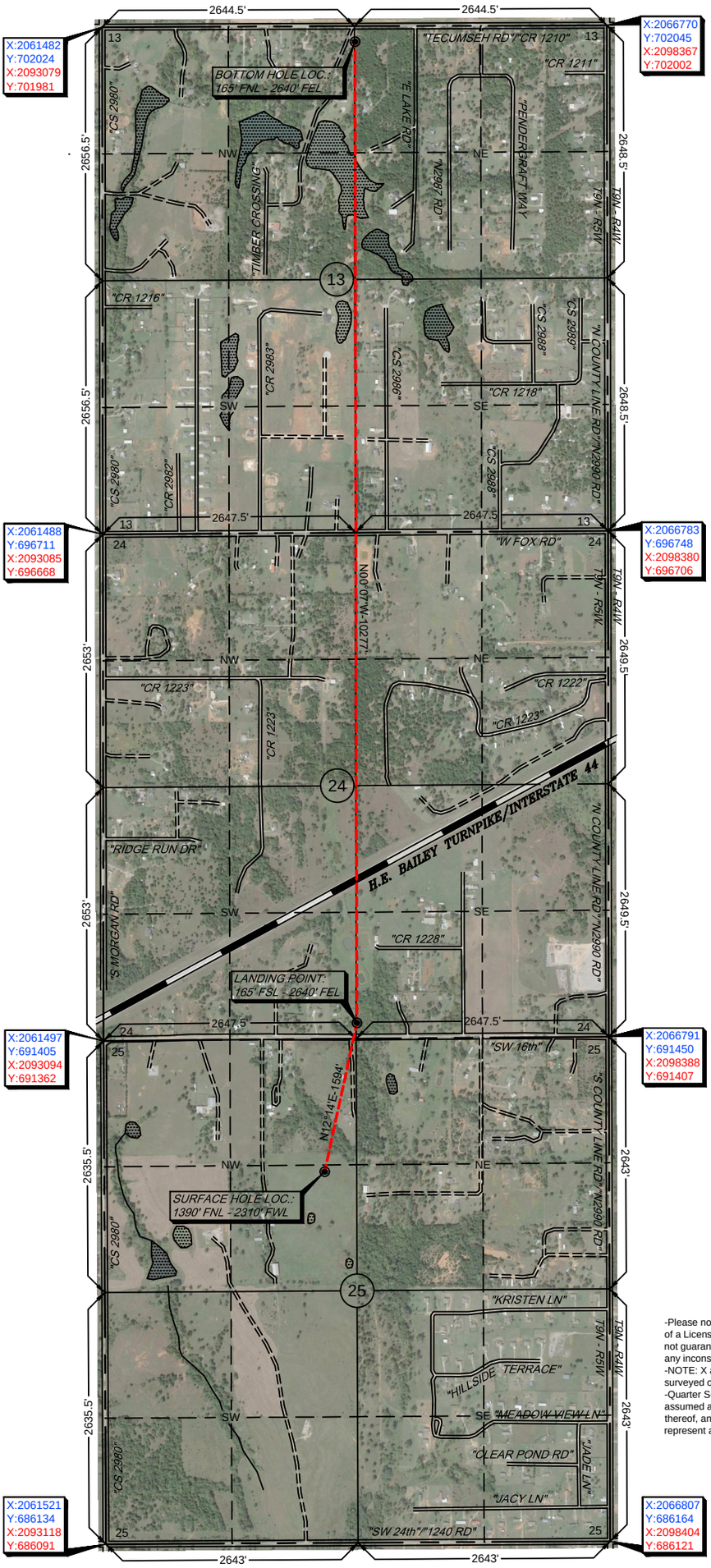
SPACING - 664083	[6/23/2021 - G56] - (640)(HOR) 24-9N-5W EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL

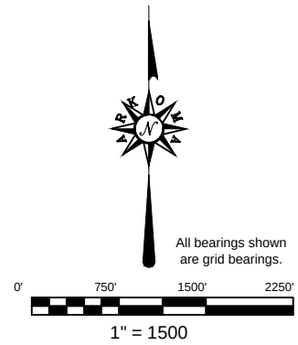
This permit does not address the right of entry or settlement of surface damages. The duration of this permit is 18 MONTHS, except as otherwise provided by Rule 165: 10-3-1. Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation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

Well Location Plat

S.H.L. Sec. 25-9N-5W I.M.
B.H.L. Sec. 13-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: COUNTY LINE 2H-24-13
Surface Hole Location: 1390' FNL - 2310' FWL Gr. Elevation: 1323'
NW/4-NE/4-SE/4-NW/4 Section: 25 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 2640' FEL
NW/4-NW/4-NW/4-NE/4 Section: 13 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in an open field.





GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:	
Lat: 35°13'44.28"N	
Lon: 97°40'51.13"W	
Lat: 35.22896717	
Lon: -97.68086871	
X: 2063813	
Y: 690034	
Surface Hole Loc.:	
Lat: 35°13'44.05"N	
Lon: 97°40'49.98"W	
Lat: 35.22890283	
Lon: -97.68055114	
X: 2095410	
Y: 689991	
Landing Point:	
Lat: 35°13'59.68"N	
Lon: 97°40'46.99"W	
Lat: 35.23324463	
Lon: -97.67972044	
X: 2064151	
Y: 691592	
Landing Point:	
Lat: 35°13'59.44"N	
Lon: 97°40'45.85"W	
Lat: 35.23318035	
Lon: -97.67940285	
X: 2095748	
Y: 691549	
Bottom Hole Loc.:	
Lat: 35°15'41.33"N	
Lon: 97°40'46.85"W	
Lat: 35.26147999	
Lon: -97.67967970	
X: 2064131	
Y: 701870	
Bottom Hole Loc.:	
Lat: 35°15'41.10"N	
Lon: 97°40'45.70"W	
Lat: 35.26141637	
Lon: -97.67936179	
X: 2095728	
Y: 701827	

-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

Invoice #9435-B
Date Staked: 06/15/2021 By: D.W.
Date Drawn: 06/16/2021 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.

LANCE G. MATHIS 06/17/2021
OK LPLS 1664

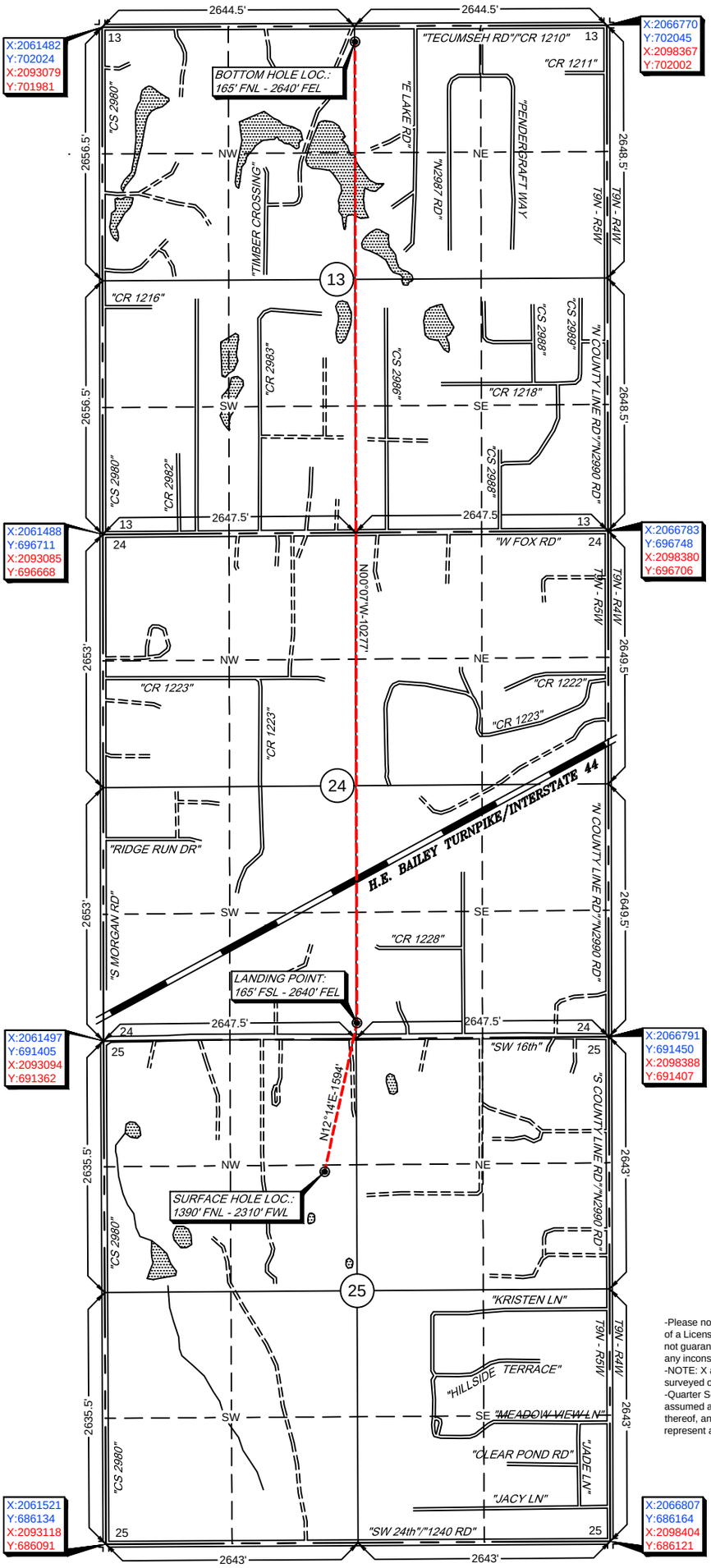
LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Well Location Plat

S.H.L. Sec. 25-9N-5W I.M.
B.H.L. Sec. 13-9N-5W I.M.

CITIZEN ENERGY

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: COUNTY LINE 2H-24-13
Surface Hole Location: 1390' FNL - 2310' FWL Gr. Elevation: 1323'
NW/4-NE/4-SE/4-NW/4 Section: 25 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 2640' FEL
NW/4-NW/4-NW/4-NE/4 Section: 13 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in an open field.



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°13'44.28"N	
Lon: 97°40'51.13"W	
Lat: 35.22896717	
Lon: -97.68086871	
X: 2063813	
Y: 690034	
Surface Hole Loc.:	
Lat: 35°13'44.05"N	
Lon: 97°40'49.98"W	
Lat: 35.22890283	
Lon: -97.68055114	
X: 2095410	
Y: 689991	
Landing Point:	
Lat: 35°13'59.68"N	
Lon: 97°40'46.99"W	
Lat: 35.23324463	
Lon: -97.67972044	
X: 2064151	
Y: 691592	
Landing Point:	
Lat: 35°13'59.44"N	
Lon: 97°40'45.85"W	
Lat: 35.23318035	
Lon: -97.67940285	
X: 2095748	
Y: 691549	
Bottom Hole Loc.:	
Lat: 35°15'41.33"N	
Lon: 97°40'46.85"W	
Lat: 35.26147999	
Lon: -97.67967970	
X: 2064131	
Y: 701870	
Bottom Hole Loc.:	
Lat: 35°15'41.10"N	
Lon: 97°40'45.70"W	
Lat: 35.26141637	
Lon: -97.67936179	
X: 2095728	
Y: 701827	

-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

Invoice #9435-B
Date Staked: 06/15/2021 By: D.W.
Date Drawn: 06/16/2021 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.

LANCE G. MATHIS 06/17/2021
OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

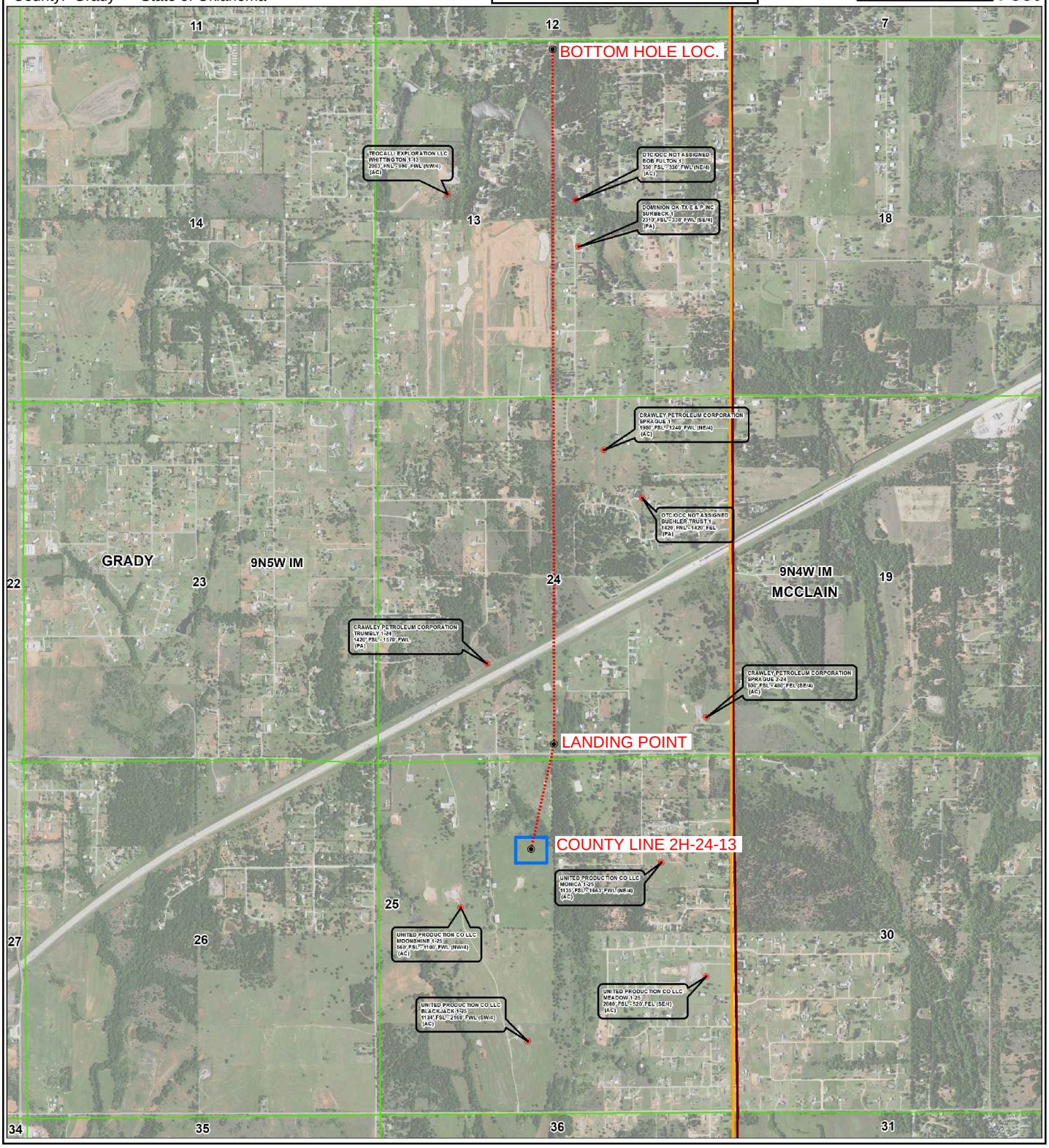
Anti-Collision

Sec. 25-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: COUNTY LINE 2H-24-13
Surface Hole Location: 1390' FNL - 2310' FWL
Sec.: 25 Township: 9N Range: 5W I.M.
Landing Point: 165' FSL - 2640' FEL
Sec.: 24 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 2640' FEL
Sec.: 13 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma

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

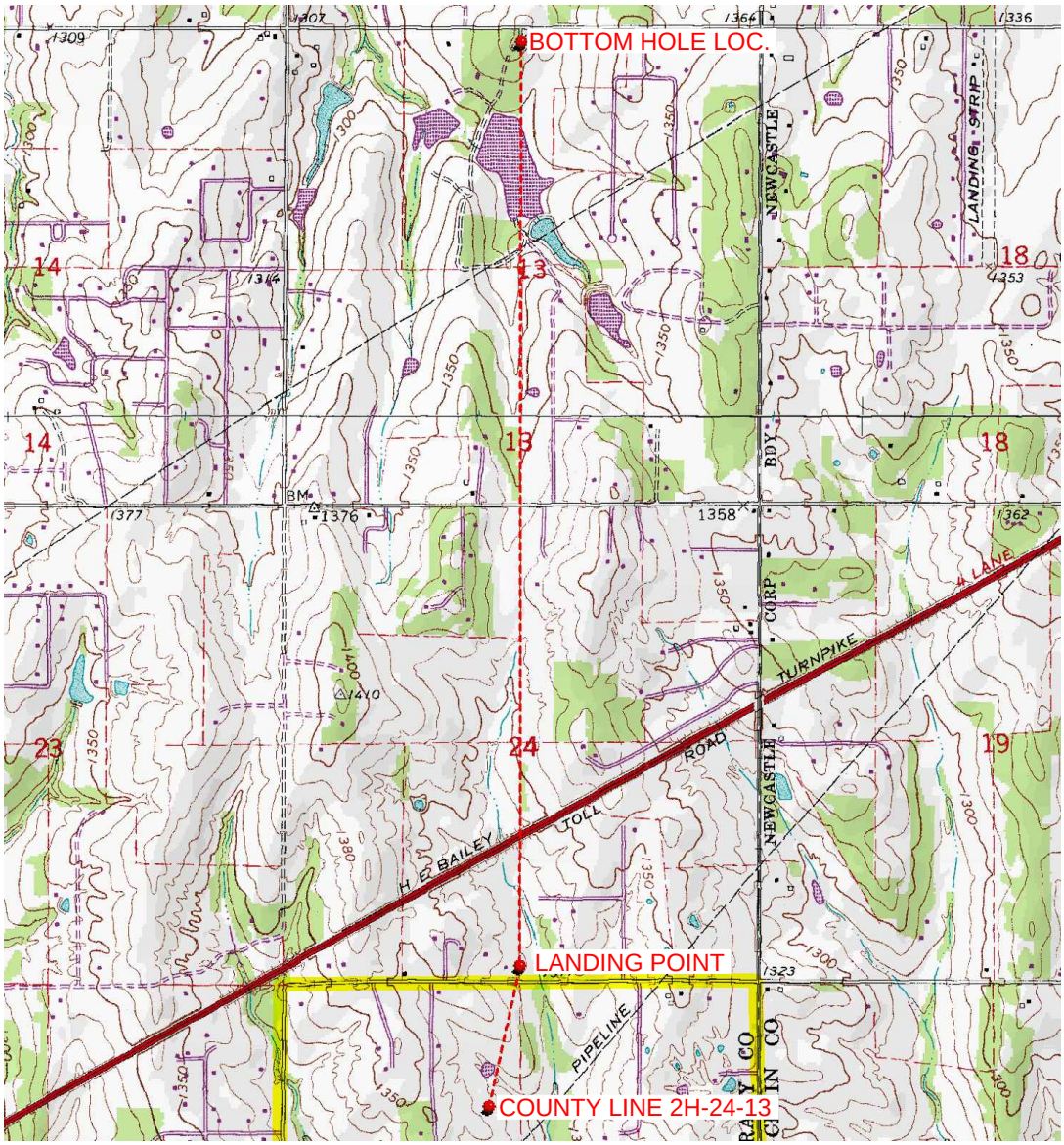
0 1,000 2,000 Feet



Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: COUNTY LINE 2H-24-13
Surface Hole Location: 1390' FNL - 2310' FWL
Sec.: 25 Township: 9N Range: 5W I.M.
Landing Point: 165' FSL - 2640' FEL
Sec.: 24 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FNL - 2640' FEL
Sec.: 13 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Ground Elevation at Surface Hole Location: 1323'

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: 06/17/2021

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.

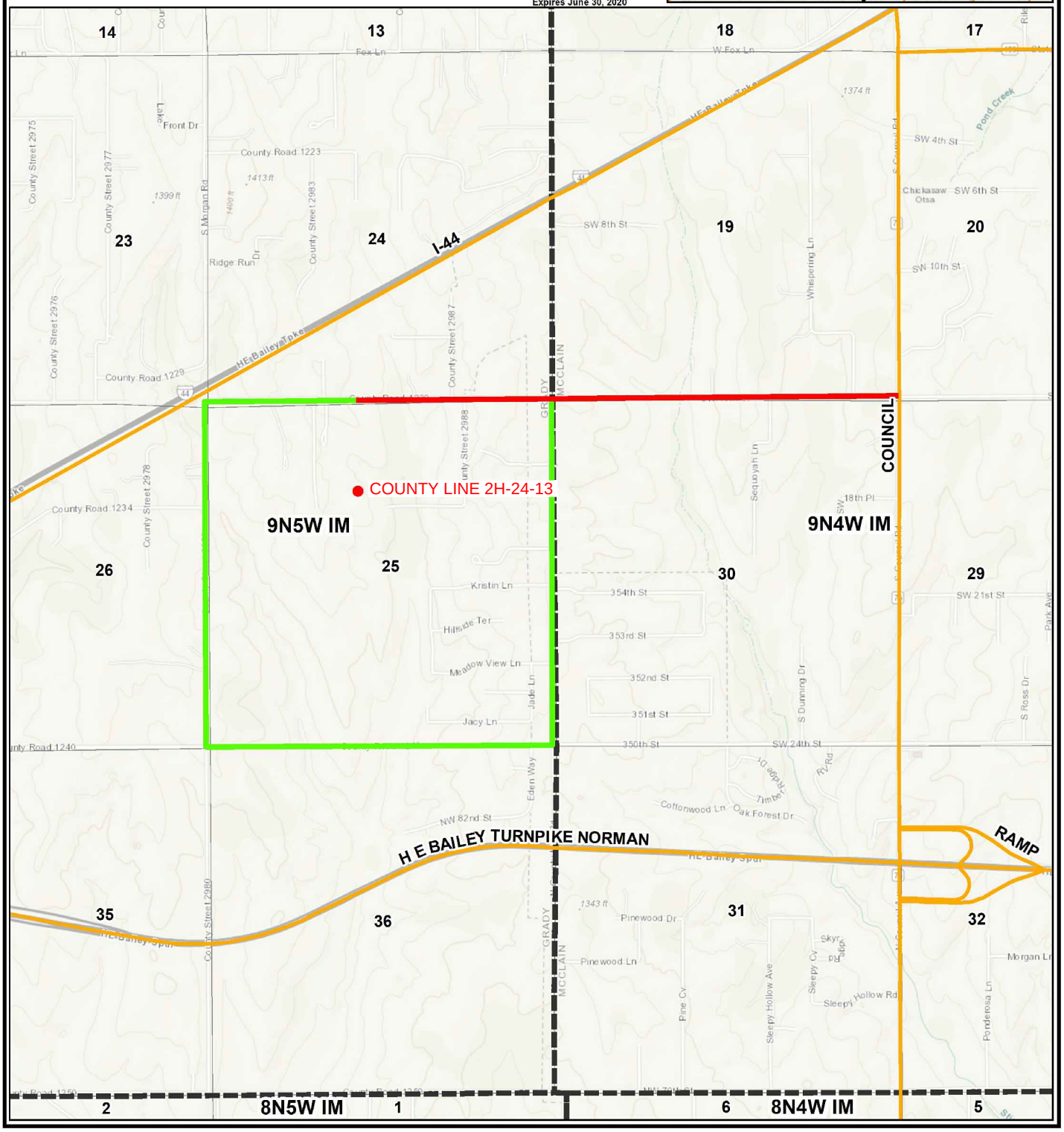
Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

County Highway Vicinity Map

CITIZEN ENERGY

Job #: 9435-B
Operator: CITIZEN ENERGY, LLC
Lease Name and No.: COUNTY LINE 2H-24-13

Accessibility: From the South.
Directions: From the junction of State Highway 76 & "E1230 Rd." East of Bridge Creek, OK, go 1.7 miles West on "E1230 Rd." to the NW/4 of Section 25-9N-5W on the South side of the road.

1 inch = 0.38 mile

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, 2020