

API NUMBER: 017 25536 A

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

Approval Date: 09/27/2019

Expiration Date: 03/27/2021

Multi Unit Oil & Gas

Amend reason: CORRECT SHL

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 11 Township: 11N Range: 9W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SE ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 345 1896

Lease Name: LATHAM Well No: 1H-14-23 Well will be 345 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

BEVERLY JEAN FEUERBORN  
25200 SAUSALITO LANE  
PORTER TX 77365

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	11600

Spacing Orders: 686010  
686011  
703589

Location Exception Orders: 703590

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 22580

Ground Elevation: 1319

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 280

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: 19-36902

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: ALLUVIAL

Pit Location Formation: ALLUVIUM

**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: ALLUVIAL

Pit Location Formation: ALLUVIUM

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: 23		Township: 11N		Range: 9W		Total Length: 10303
County: CANADIAN					Measured Total Depth: 22580	
Spot Location of End Point: SW		SE	SW	SE	True Vertical Depth: 12800	
Feet From: <b>SOUTH</b>		1/4 Section Line: 165			End Point Location from	
Feet From: <b>EAST</b>		1/4 Section Line: 1937			Lease,Unit, or Property Line: 165	

Additional Surface Owner(s)	Address	City, State, Zip
BEVERLY JEAN FEUERBORN	25200 SAUSALITO LANE	PORTER, TX 77365
BEVERLY JEAN FEUERBORN	25200 SAUSALITO LANE	PORTER, TX 77365
BEVERLY JEAN FEUERBORN	25200 SAUSALITO LANE	PORTER, TX 77365
BEVERLY JEAN FEUERBORN	25200 SAUSALITO LANE	PORTER, TX 77365

**NOTES:**

Category	Description
DEEP SURFACE CASING	9/11/2019 - 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	9/11/2019 - G71 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a> ; 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: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a>
LOCATION EXCEPTION - 703590	9/24/2020 - G56 - (I.O.) 14 & 23-11N-9W X686010 MSSP 14-11N-9W X686011 MSSP 23-11N-9W COMPL INT (14-11N-9W) NCT 165' FNL, NCT 0' FSL, NCT 660' FEL COMPL INT (23-11N-9W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL CITIZEN ENERGY III, LLC 10/11/2019
MEMO	9/11/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 686010	9/24/2020 - G56 - (640)(HOR) 14-11N-9W EXT 681928 MSSP, OTHERS COMPL INT NLT 660' FB
SPACING - 686011	9/24/2020 - G56 - (640)(HOR) 23-11N-9W EXT 681928 MSSP, OTHERS COMPL INT NLT 660' FB
SPACING - 703589	9/24/2020 - G56 - (I.O.) 14 & 23-11N-9W EST MULTIUNIT HORIZONTAL X686010 MSSP 14-11N-9W X686011 MSSP 23-11N-9W 50% 14-11N-9W 50% 23-11N-9W CITIZEN ENERGY III, LLC 10/11/2019



# Well Location Plat

S.H.L. Sec. 11-11N-9W I.M.  
B.H.L. Sec. 23-11N-9W I.M.

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: LATHAM 1H-14-23  
Footage: 345' FSL - 1896' FEL Gr. Elevation: 1319'  
Section: 11 Township: 11N Range: 9W I.M.  
County: Canadian State of Oklahoma  
Terrain at Loc.: Location fell in an open, cultivated field.



All bearings shown  
are grid bearings.

0' 660' 1320' 1980'  
1" = 1500'

GPS DATUM  
NAD 83  
NAD 27

OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°26'11.58"N  
Lon: 98°07'13.72"W  
Lat: 35.43655025  
Lon: -98.12047866  
X: 1932608  
Y: 158936

Surface Hole Loc.:  
Lat: 35°26'11.39"N  
Lon: 98°07'12.53"W  
Lat: 35.43649629  
Lon: -98.12014802  
X: 1964206  
Y: 158912

Landing Point:  
Lat: 35°26'06.53"N  
Lon: 98°07'14.26"W  
Lat: 35.43514856  
Lon: -98.12062718  
X: 1932563  
Y: 158426

Landing Point:  
Lat: 35°26'06.34"N  
Lon: 98°07'13.07"W  
Lat: 35.43509453  
Lon: -98.12029657  
X: 1964161  
Y: 158402

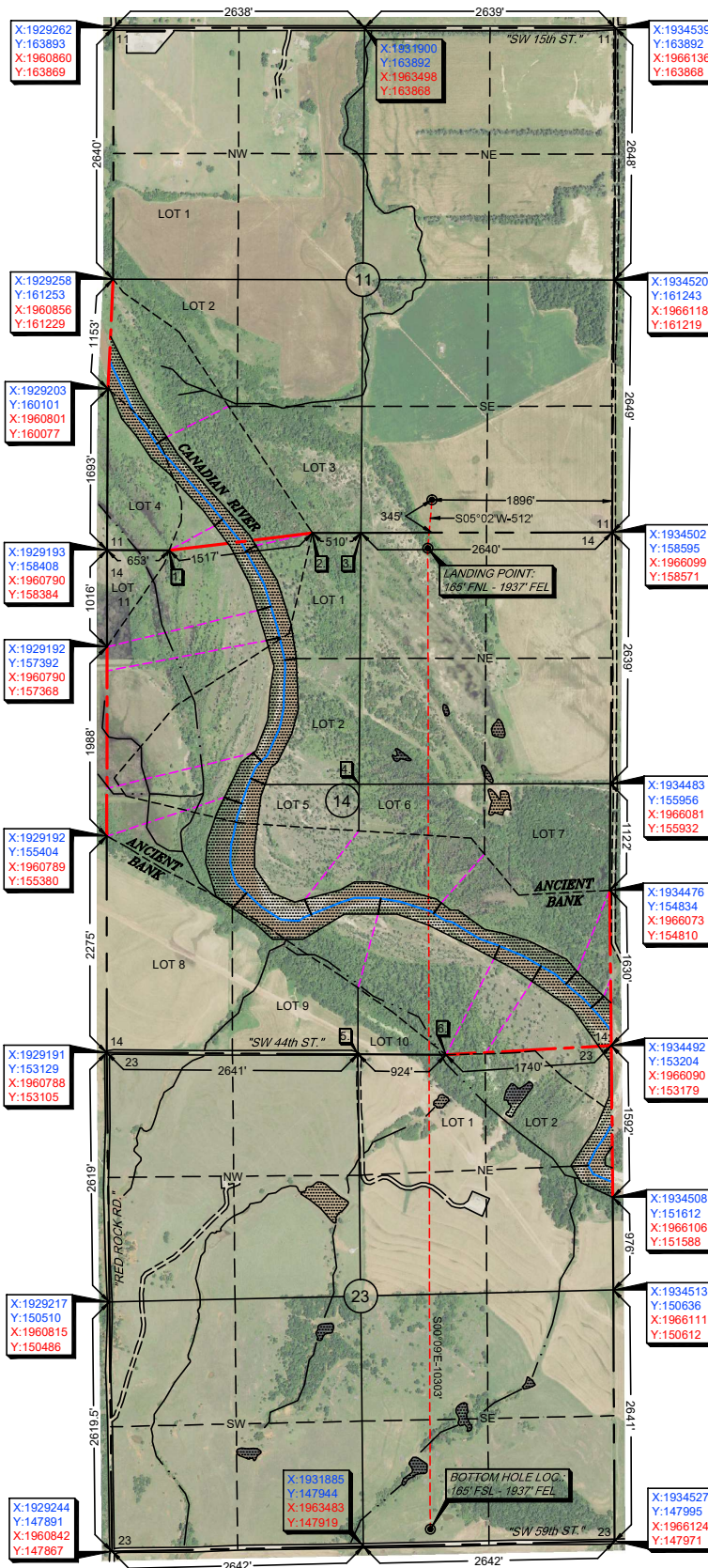
Bottom Hole Loc.:  
Lat: 35°24'24.64"N  
Lon: 98°07'13.79"W  
Lat: 35.40684396  
Lon: -98.12049849  
X: 1932589  
Y: 148122

Bottom Hole Loc.:  
Lat: 35°24'24.44"N  
Lon: 98°07'12.61"W  
Lat: 35.40678906  
Lon: -98.12016830  
X: 1964186  
Y: 148098

## INTERIOR SECTION/UNIT CORNERS

1. X: 1929846  
Y: 158404  
X: 1961444  
Y: 158380
2. X: 1931352  
Y: 158588  
X: 1962949  
Y: 158564
3. X: 1931862  
Y: 158589  
X: 1963459  
Y: 158565
4. X: 1931843  
Y: 155949  
X: 1963441  
Y: 155925
5. X: 1931831  
Y: 153113  
X: 1963429  
Y: 153088
6. X: 1932755  
Y: 153107  
X: 1964353  
Y: 153083

Please note that this location was stated on the ground under the supervision of the surveyor and is not guaranteed. Please contact Arkoma Surveying and Mapping promptly 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, assumed at a appropriate 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, 2020

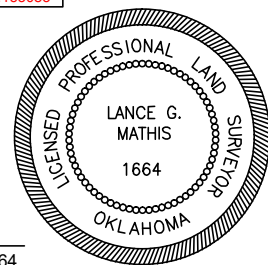
## Certification:

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

09/30/19

OK LPLS 1664



Invoice #8789-A-A  
Date Staked: 09/24/19 By: S.O.  
Date Drawn: 09/27/19 By: M.K.



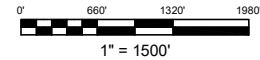
# Well Location Plat

S.H.L. Sec. 11-11N-9W I.M.  
B.H.L. Sec. 23-11N-9W I.M.

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: LATHAM 1H-14-23  
Footage: 345' FSL - 1896' FEL Gr. Elevation: 1319'  
Section: 11 Township: 11N Range: 9W I.M.  
County: Canadian State of Oklahoma  
Terrain at Loc.: Location fell in an open, cultivated field.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 83  
NAD 27

OK NORTH ZONE

Surface Hole Loc.:  
Lat: 35°26'11.58"N  
Lon: 98°07'13.72"W  
Lat: 35.43655025  
Lon: -98.12047866  
X: 1932608  
Y: 158936

Surface Hole Loc.:  
Lat: 35°26'11.39"N  
Lon: 98°07'12.53"W  
Lat: 35.43649629  
Lon: -98.12014802  
X: 1964206  
Y: 158912

Landing Point:  
Lat: 35°26'06.53"N  
Lon: 98°07'14.26"W  
Lat: 35.43514856  
Lon: -98.12062718  
X: 1932563  
Y: 158426

Landing Point:  
Lat: 35°26'06.34"N  
Lon: 98°07'13.07"W  
Lat: 35.43509453  
Lon: -98.12029657  
X: 1964161  
Y: 158402

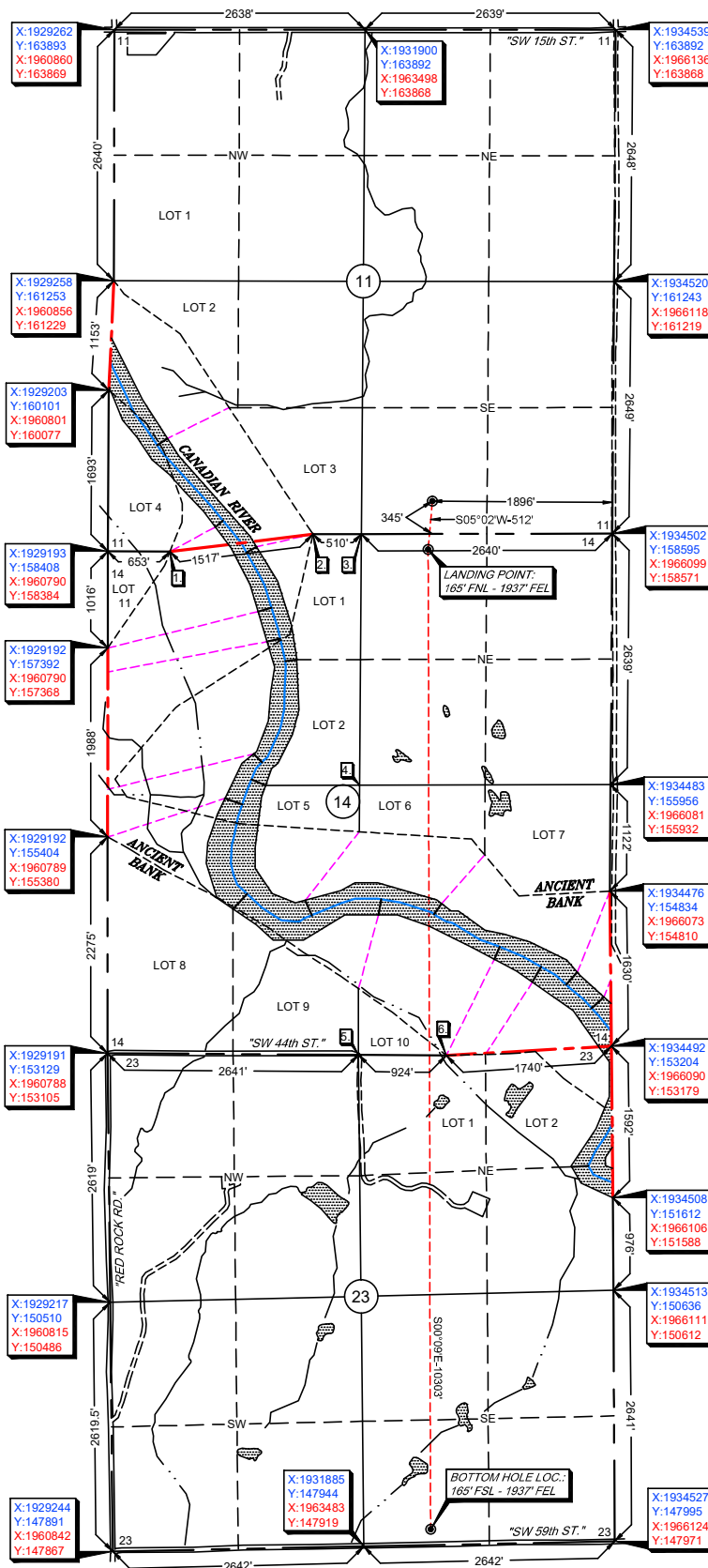
Bottom Hole Loc.:  
Lat: 35°24'24.64"N  
Lon: 98°07'13.79"W  
Lat: 35.40684396  
Lon: -98.12049849  
X: 1932589  
Y: 148122

Bottom Hole Loc.:  
Lat: 35°24'24.44"N  
Lon: 98°07'12.61"W  
Lat: 35.40678906  
Lon: -98.12016830  
X: 1964186  
Y: 148098

## INTERIOR SECTION/UNIT CORNERS

1. X: 1929846  
Y: 158404  
X: 1961444  
Y: 158380
2. X: 1931352  
Y: 158588  
X: 1962949  
Y: 158564
3. X: 1931862  
Y: 158589  
X: 1963459  
Y: 158565
4. X: 1931843  
Y: 155949  
X: 1963441  
Y: 155925
5. X: 1931831  
Y: 153113  
X: 1963429  
Y: 153088
6. X: 1932755  
Y: 153107  
X: 1964353  
Y: 153083

Please note that this location was stated on the ground under the supervision of the surveyor and is not guaranteed. GPS data is observed from RTK - GPS. Any inconsistency is determined. 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. The location of the well is shown on the ground, and further, does NOT represent a true boundary survey. The location of the well is shown 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, 2020

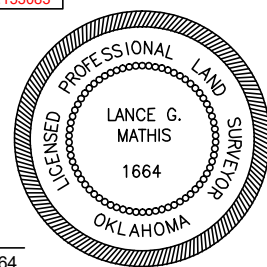
## Certification:

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

09/30/19

OK LPLS 1664



Invoice #8789-A-A  
Date Staked: 09/24/19 By: S.O.  
Date Drawn: 09/27/19 By: M.K.





# Anti-Collision

Sec. 11-11N-9W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: LATHAM 1H-14-23

Surface Hole Location: 345' FSL - 1896' FEL

Sec. 11 Twp. 11N Rng. 9W I.M.

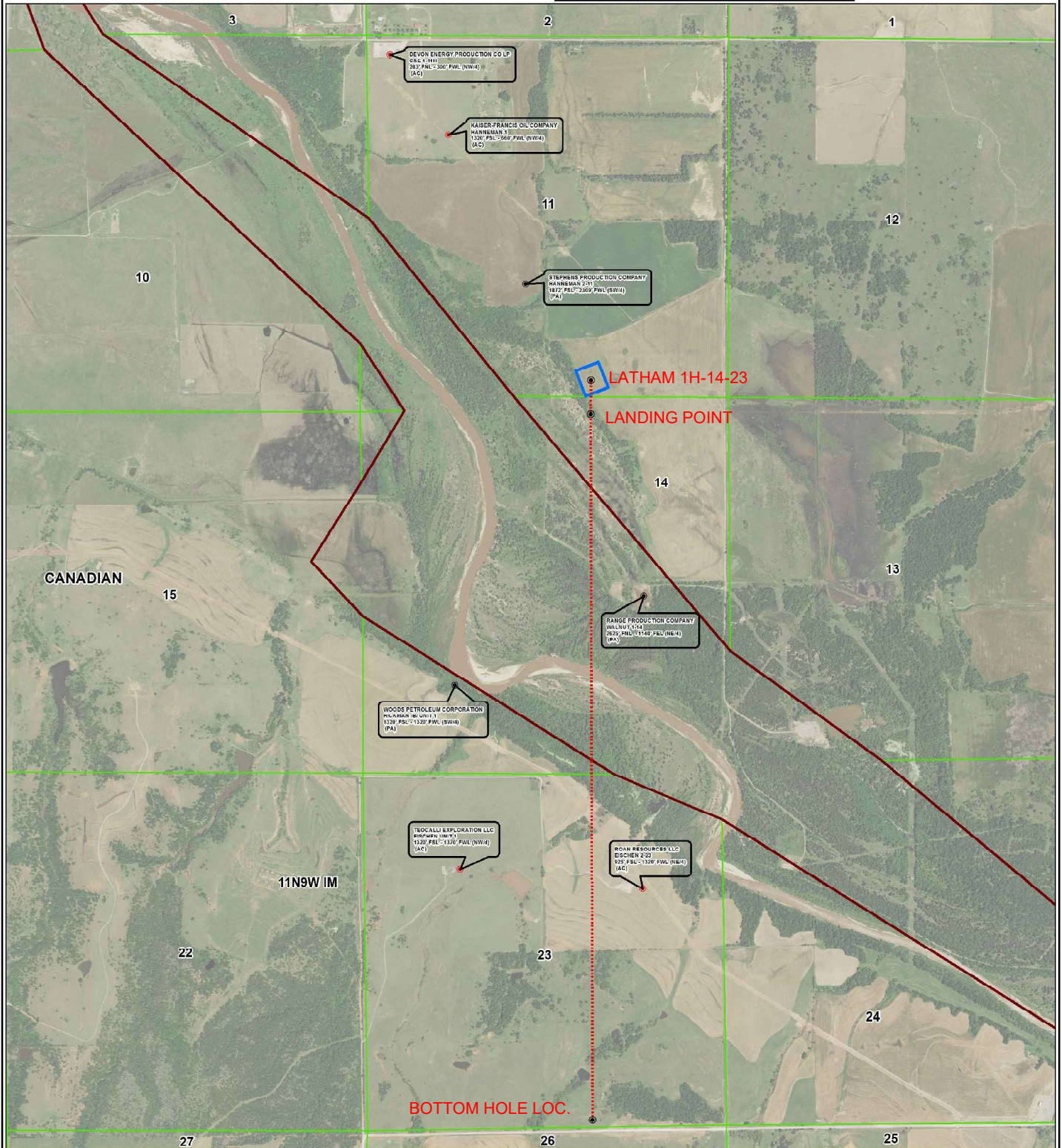
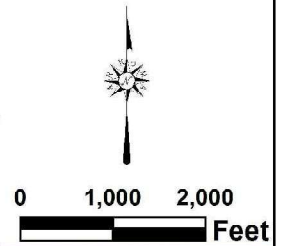
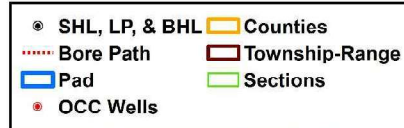
Landing Point: 165' FNL - 1937' FEL

Sec. 14 Twp. 11N Rng. 9W I.M.

Bottom Hole Location: 165' FSL - 1937' FEL

Sec. 23 Twp. 11N Rng. 9W I.M.

County: Canadian State of Oklahoma







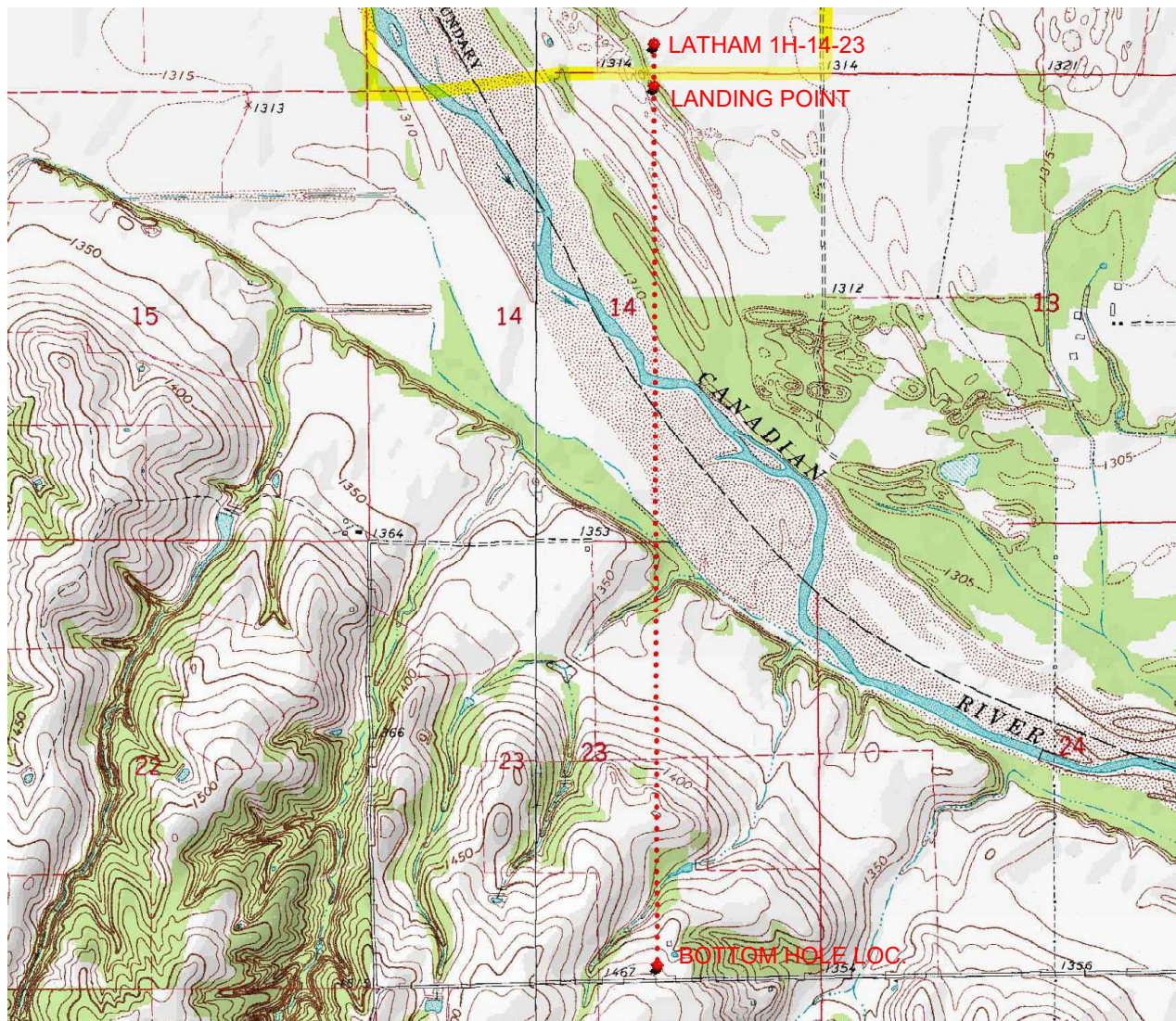
# Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: LATHAM 1H-14-23  
Surface Hole Location: 345' FSL - 1896' FEL  
Sec. 11 Twp. 11N Rng. 9W I.M.  
Landing Point: 165' FNL - 1937' FEL  
Sec. 14 Twp. 11N Rng. 9W I.M.  
Bottom Hole Location: 165' FSL - 1937' FEL  
Sec. 23 Twp. 11N Rng. 9W I.M.  
County: Canadian State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1319'



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

Date Staked: 08/09/19

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

Job #: 8789-A

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: LATHAM 1H-14-23

Accessibility: From the South.

Directions: From the junction of State HWY 152 & State HWY 37 in the town of Cogar, OK, go 5.1 miles North on State HWY 37, 4.5 miles North on "S Ranch Rd", 2.0 miles East on "Reno Rd W", then go 1.5 miles South on "S Calumet Rd" to the Southeast Quarter of Section 11-11N-9W on the West side of the road.



1 inch = 1.25 mile

provided by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 236 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2020

