

API NUMBER: 051 24948

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

Approval Date: 06/17/2022

Expiration Date: 12/17/2023

Multi Unit

Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 11 Township: 9N Range: 8W County: GRADY

SPOT LOCATION: ☐ SW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 200 1270

Lease Name: SPROWLS Well No: 2H-11-2 Well will be 200 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

BILLY DEAN SPROWLS  
220 N 13TH STREET  
TECUMSEH OK 74873

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	12800
2	WOODFORD	319WDFD	12900

Spacing Orders: 697491  
697490  
580069

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201704  
202201705  
202201706  
202201703

Working interest owners' notified: \*\*\*

Special Orders: No Special

Total Depth: 23200 Ground Elevation: 1416

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 620

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: 22-38233

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: MARLOW

### 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: BED AQUIFER

Pit Location Formation: MARLOW

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: 8W	Meridian: IM	Total Length: 10288
	County: GRADY			Measured Total Depth: 23200
Spot Location of End Point: NW	NE	NE	NE	True Vertical Depth: 12900
Feet From: <b>NORTH</b>		1/4 Section Line: 165		End Point Location from
Feet From: <b>EAST</b>		1/4 Section Line: 380		Lease, Unit, or Property Line: 165

**NOTES:**

Category	Description
DEEP SURFACE CASING	[6/9/2022 - 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	<p>[6/9/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <a href="http://OCCWEB.COM/OG/OGFORMS.HTML">OCCWEB.COM/OG/OGFORMS.HTML</a>; AND,</p> <p>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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
MEMO	[6/9/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201703	<p>[6/17/2022 - GB1] - (I.O.) 2 &amp; 11-9N-8W  EST MULTIUNIT HORIZONTAL WELL  X697491 MSSP, WDFD 2-9N-8W  X697490 MSSP 11-9N-8W  X580069 WDFD 11-9N-8W  (WDFD ADJ CSS TO MSSP)  50% 2-9N-8W  50% 11-9N-8W  NO OP NAMED  REC 6/6/2022 (MOORE)</p>
PENDING CD - 202201704	<p>[6/17/2022 - GB1] - (I.O.) 2 &amp; 11-9N-8W  X697491 MSSP, WDFD 2-9N-8W  X697490 MSSP 11-9N-8W  X580069 WDFD 11-9N-8W  SHL 200' FSL, 1270' FEL  COMPL INT (11-9N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL  COMPL INT (2-9N-8W) NCT 0' FSL, NCT 165' FNL, NCT 330' FEL  NO OP NAMED  REC 6/6/2022 (MOORE)</p>
PENDING CD - 202201705	<p>[6/17/2022 - GB1] - 2-9N-8W  X697491 MSSP, WDFD  1 WELL  CITIZEN ENERGY III, LLC  REC 6/6/2022 (MOORE)</p>
PENDING CD - 202201706	<p>[6/17/2022 - GB1] - 11-9N-8W  X580069 WDFD  X697490 MSSP  1 WELL  CITIZEN ENERGY III, LLC  REC 6/6/2022 (MOORE)</p>
SPACING - 580069	<p>[6/17/2022 - GB1] - (640) 11-9N-8W  EXT 578534 CNEY (VAC BY 697490), WDFD, OTHERS</p>
SPACING - 697490	<p>[6/17/2022 - GB1] - (640) 11-9N-8W  VAC 98732/107705 CSTR, MSSLM  VAC 580069 CNEY  EST MSSP</p>
SPACING - 697491	<p>[6/17/2022 - GB1] - (640) 2-9N-8W  VAC 98732/107705 CSTR, MSSLM  EST MSSP  EXT 582982 WDFD</p>

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. 11-9N-8W I.M.  
B.H.L. Sec. 2-9N-8W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: SPROWLS 2H-11-2

Surface Hole Location: 200' FSL - 1270' FEL Gr. Elevation: 1416'  
SW/4-SW/4-SE/4-SE/4 Section: 11 Township: 9N Range: 8W I.M.

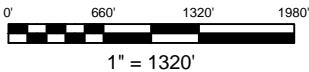
Bottom Hole Location: 165' FNL - 380' FEL  
NW/4-NE/4-NE/4-NE/4 Section: 2 Township: 9N Range: 8W I.M.

County: Grady State of Oklahoma

Terrain at Loc.: Location fell on hilly grassland with minimal trees.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°15'44.15"N  
Lon: 98°00'39.82"W  
Lat: 35.26226510  
Lon: -98.01106117  
X: 1965198  
Y: 702004

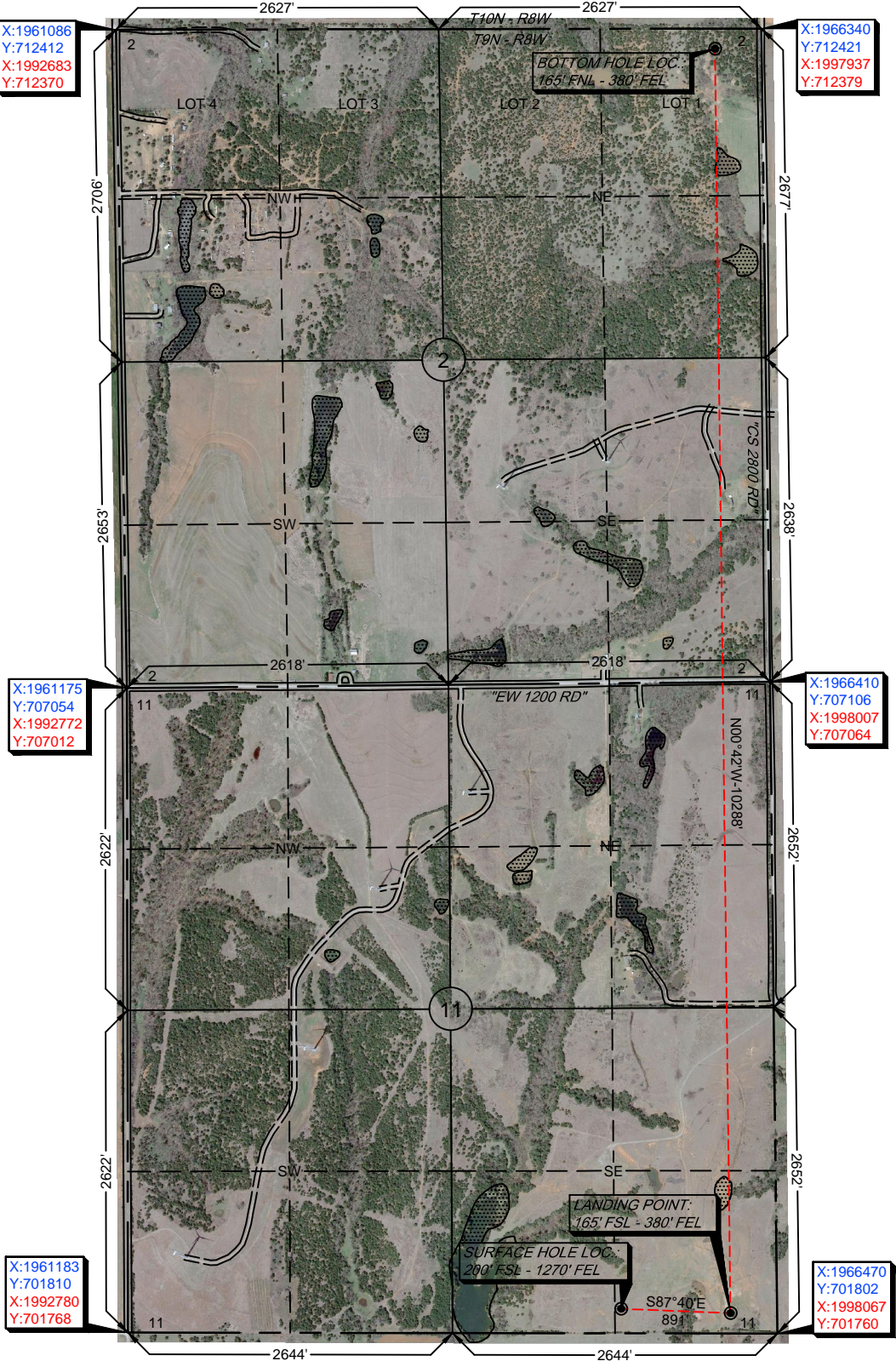
Surface Hole Loc.:  
Lat: 35°15'43.94"N  
Lon: 98°00'38.65"W  
Lat: 35.26220481  
Lon: -98.01073568  
X: 1996795  
Y: 701962

Landing Point:  
Lat: 35°15'43.80"N  
Lon: 98°00'29.08"W  
Lat: 35.26216553  
Lon: -98.00807881  
X: 1966088  
Y: 701968

Landing Point:  
Lat: 35°15'43.58"N  
Lon: 98°00'27.91"W  
Lat: 35.26210522  
Lon: -98.00775339  
X: 1997685  
Y: 701926

Bottom Hole Loc.:  
Lat: 35°17'25.54"N  
Lon: 98°00'30.62"W  
Lat: 35.29042808  
Lon: -98.00850465  
X: 1965962  
Y: 712255

Bottom Hole Loc.:  
Lat: 35°17'25.33"N  
Lon: 98°00'29.44"W  
Lat: 35.29036872  
Lon: -98.00817890  
X: 1997559  
Y: 712213



-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:

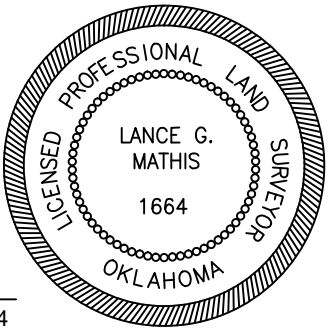
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice #9934-A-B  
Date Staked: 04/06/2022 By: G.G.  
Date Drawn: 04/08/2022 By: J.L.

LANCE G. MATHIS

04/08/2022

OK LPLS 1664







# Well Location Plat

S.H.L. Sec. 11-9N-8W I.M.  
B.H.L. Sec. 2-9N-8W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: SPROWLS 2H-11-2

Surface Hole Location: 200' FSL - 1270' FEL Gr. Elevation: 1416'  
SW/4-SW/4-SE/4-SE/4 Section: 11 Township: 9N Range: 8W I.M.

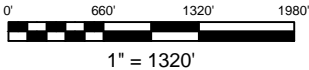
Bottom Hole Location: 165' FNL - 380' FEL  
NW/4-NE/4-NE/4-NE/4 Section: 2 Township: 9N Range: 8W I.M.

County: Grady State of Oklahoma

Terrain at Loc.: Location fell on hilly grassland with minimal trees.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°15'44.15"N  
Lon: 98°00'39.82"W  
Lat: 35.26226510  
Lon: -98.01106117  
X: 1965198  
Y: 702004

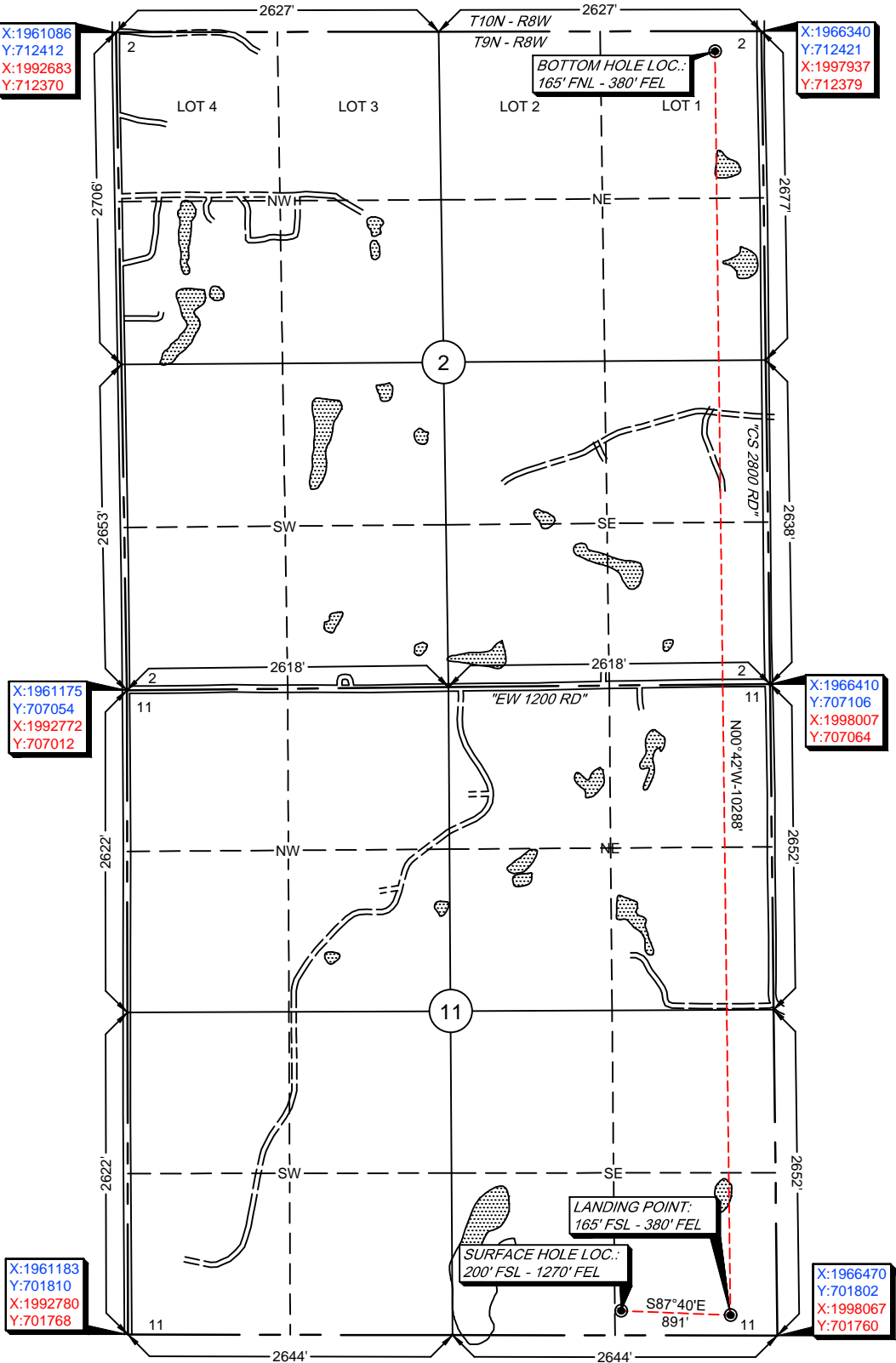
Surface Hole Loc.:  
Lat: 35°15'43.94"N  
Lon: 98°00'38.65"W  
Lat: 35.26220481  
Lon: -98.01073568  
X: 1996795  
Y: 701962

Landing Point:  
Lat: 35°15'43.80"N  
Lon: 98°00'29.08"W  
Lat: 35.26216553  
Lon: -98.00807881  
X: 1966088  
Y: 701968

Landing Point:  
Lat: 35°15'43.58"N  
Lon: 98°00'27.91"W  
Lat: 35.26210522  
Lon: -98.00775339  
X: 1997685  
Y: 701926

Bottom Hole Loc.:  
Lat: 35°17'25.54"N  
Lon: 98°00'30.62"W  
Lat: 35.29042808  
Lon: -98.00850465  
X: 1965962  
Y: 712255

Bottom Hole Loc.:  
Lat: 35°17'25.33"N  
Lon: 98°00'29.44"W  
Lat: 35.29036872  
Lon: -98.00817890  
X: 1997559  
Y: 712213



-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

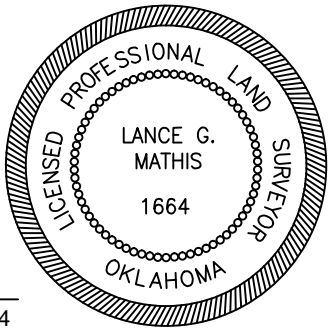
## Certification:

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

04/08/2022

OK LPLS 1664



Invoice #9934-A-B

Date Staked: 04/06/2022 By: G.G.

Date Drawn: 04/08/2022 By: J.L.





# Anti-Collision

Sec(s). 2, & 11-9N-8W I.M.

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: SPROWLS 2H-11-2  
Surface Hole Location: 200' FSL - 1270' FEL  
Landing Point: 165' FSL - 380' FEL  
Sec. 11 Twp. 9N Rng. 8W I.M.  
Bottom Hole Location: 165' FNL - 380' FEL  
Sec. 2 Twp. 9N Rng. 8W I.M.  
County: Grady State of Oklahoma

● SHL

● LP & BHL

..... Bore Path

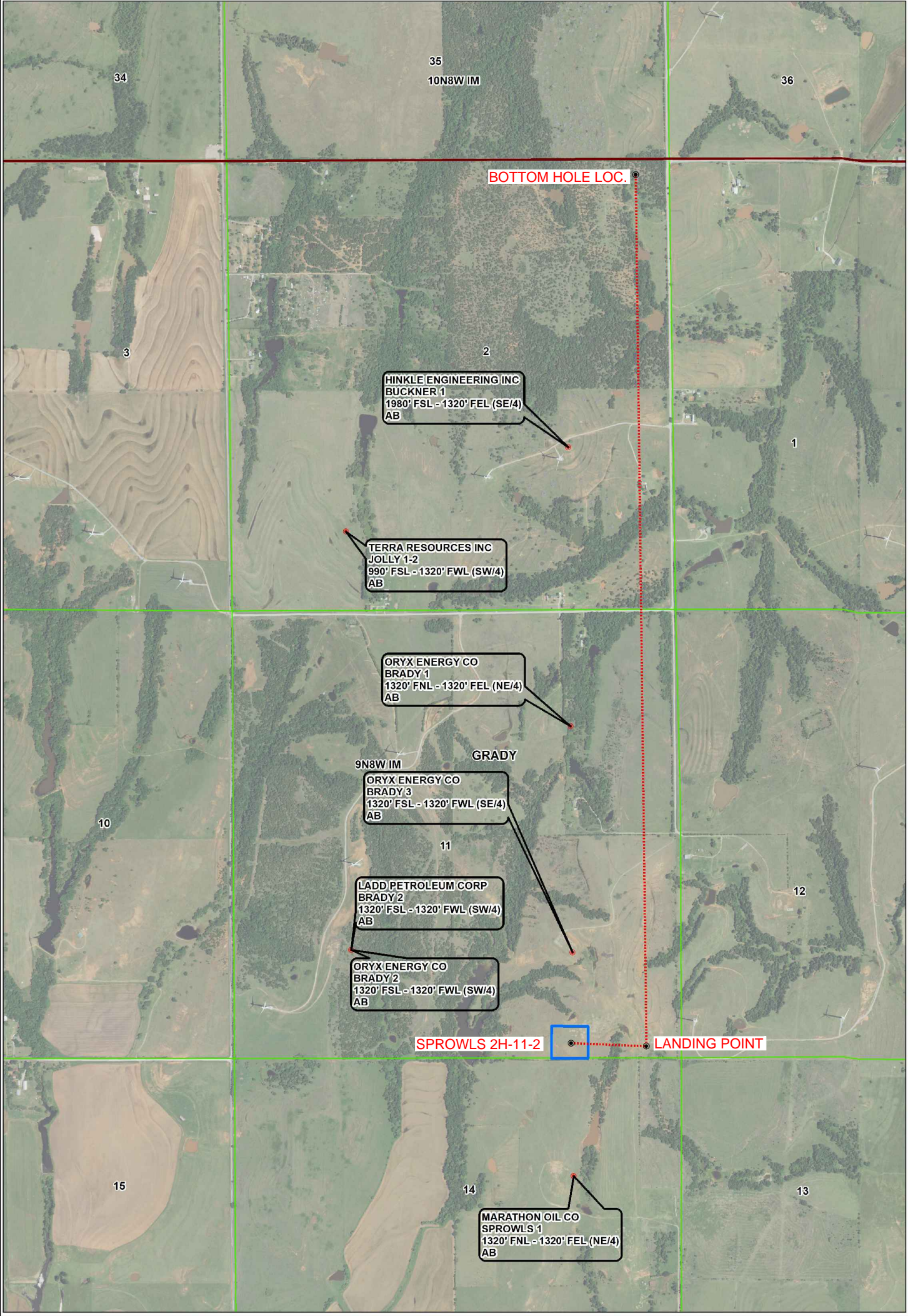
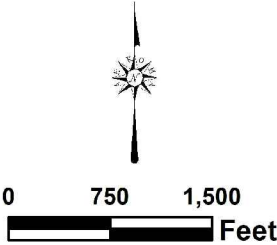
● OCC Wells

PAD

Counties

Township-Range

Sections







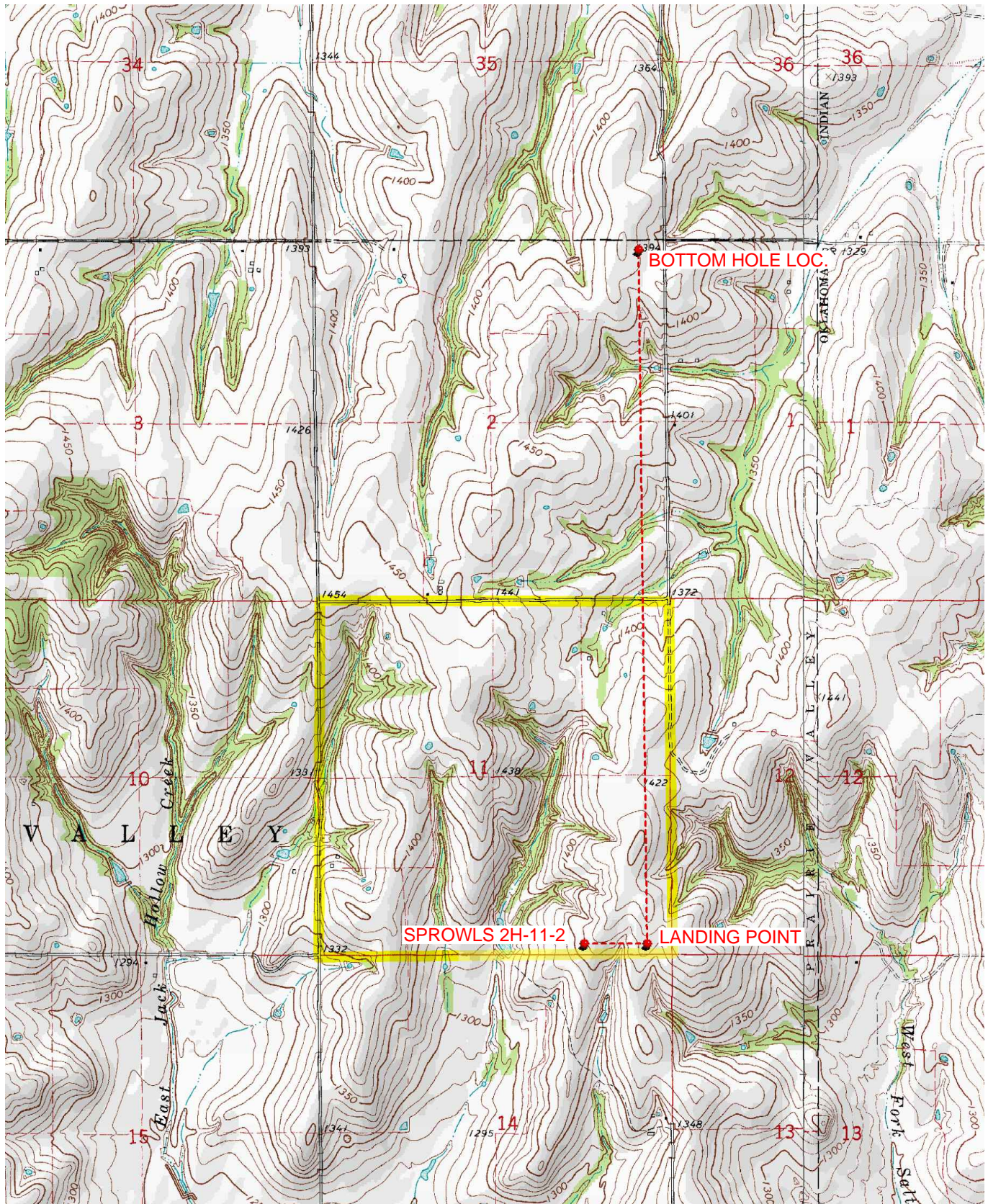
# Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: SPROWLS 2H-11-2  
Surface Hole Location: 200' FSL - 1270' FEL  
Landing Point: 165' FSL - 380' FEL  
Sec. 11 Twp. 9N Rng. 8W I.M.  
Bottom Hole Location: 165' FNL - 380' FEL  
Sec. 2 Twp. 9N Rng. 8W I.M.  
County: Grady State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1416'



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: 04/06/2022

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 #: 9934-A-B

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: SPROWLS 2H-11-2

Accessibility: From the East.

Directions: From the junction of State Highway 81 & "CR1220" in Grady, CO., OK, go 3.0 miles West on "CR1220". Then 0.8 miles North on an existing lease road to the NE/4 of Section 14-9N-8W with the Proposed Site being 900' due North of said lease road.

1 inch = 0.75 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, 2022

