

API NUMBER: 051 24919

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

Approval Date: 03/01/2022
Expiration Date: 09/01/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 29 Township: 9N Range: 5W County: GRADY

SPOT LOCATION: ☐ NW ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 290 2120

Lease Name: WORLEY CREEK Well No: 2H-20-17 Well will be 290 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

JERRY CAMPBELL
1539 COUNTY ROAD 1212
TUTTLE OK 73089

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10200
2	WOODFORD	319WDFD	10250

Spacing Orders: 656126
401861
654690

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202200598
202200599
202200602
202200600
202200601

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20800 Ground Elevation: 1343

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 220

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: 22-38137
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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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 not located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: NON HSA

Pit Location Formation: CHICKASHA

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: 17	Township: 9N	Range: 5W	Meridian: IM	Total Length: 10255
	County: GRADY			Measured Total Depth: 20800
Spot Location of End Point: N2	N2	NW	NE	True Vertical Depth: 10250
Feet From: NORTH		1/4 Section Line: 165		End Point Location from
Feet From: EAST		1/4 Section Line: 1980		Lease, Unit, or Property Line: 165

NOTES:

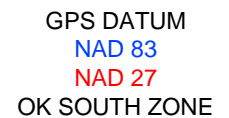
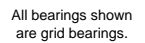
Category	Description
DEEP SURFACE CASING	[2/25/2022 - GB1] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[2/25/2022 - GB1] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE 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: OCCWEB.COM/OG/OGFORMS.HTML; 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 FRACFOCUS.ORG</p>
MEMO	[2/25/2022 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202200598	<p>[2/28/2022 - G56] - (E.O.) 17 & 20-9N-5W EST MULTUNIT HORIZONTAL WELL X401861 MSSP 20-9N-5W X654690 WDFD 20-9N-5W X656126 MSSP, WDFD 17-9N-5W 50% 17-9N-5W 50% 20-9N-5W NO OP NAMED REC 2/28/2022 (MOORE)</p>
PENDING CD - 202200599	<p>[2/28/2022 - G56] - (E.O.) 17 & 20-9N-5W X401861 MSSP 20-9N-5W X654690 WDFD 20-9N-5W X656126 MSSP, WDFD 17-9N-5W COMPL INT (20-9N-5W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL COMPL INT (17-9N-5W) NCT 0' FSL, NCT 165' FNL, NCT 1320' FEL NO OP NAMED REC 2/28/2022 (MOORE)</p>
PENDING CD - 202200600	<p>[3/1/2022 - G56] - (E.O.) 17-9N-5W X656126 MSSP, WDFD 2 WELLS CITIZEN ENERGY III, LLC HEARING 3/8/2022</p>
PENDING CD - 202200601	<p>[3/1/2022 - G56] - (E.O.) 20-9N-5W X401861 MSSP X654690 WDFD 2 WELLS CITIZEN ENERGY III, LLC HEARING 3/8/2022</p>
PENDING CD - 202200602	<p>[2/28/2022 - G56] - (E.O.) 17-9N-5W X165:10-3-28(C)(2)(B) MSSP (WORLEY CREEK 2H-20-17) MAY BE CLOSER THAN 600' TO HILL REALTY 1-17 & MORRIS 1-17 WELLS NO OP NAMED REC 2/28/2022 (MOORE)</p>
SPACING - 401861	<p>[2/28/2022 - G56] - (640) 20-9N-5W EST MSSP</p>
SPACING - 654690	<p>[2/28/2022 - G56] - (640)(HOR) 20-9N-5W EST WDFD POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
SPACING - 656126	<p>[2/28/2022 - G56] - (640)(HOR) 17-9N-5W EST MSSP EXT 653276 WDFD POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL (COEXIST WITH SP # 151101)</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.

051 24919 WORLEY CREEK 2H-20-17



Operator: CITIZEN ENERGY, LLC
Lease Name and No.: WORLEY CREEK 2H-20-17
Surface Hole Location: 290' FN - 2120' FWL Gr. Elevation: 1343'
NW/4-NE/4-NE/4-NW/4 Section: 29 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FN - 1980' FEL
NE/4-NW/4-NW/4-NE/4 Section: 17 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in open pasture with a pipeline to the North.

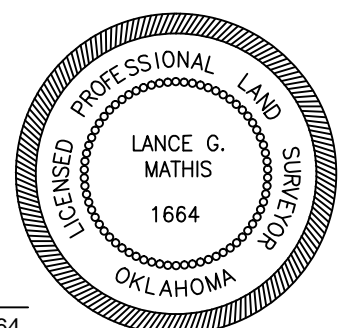


Bottom Hole Loc.:
Lat: 35°15'40.84"N
Lon: 97°44'52.66"W
Lat: 35.26134307
Lon: -97.74796169
X: 2075247
Y: 701742

- 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 #9757-A-C
Date Staked: 01/21/2022 By: D.W.
Date Drawn: 01/24/2022 By: J.L.

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

01/27/2022

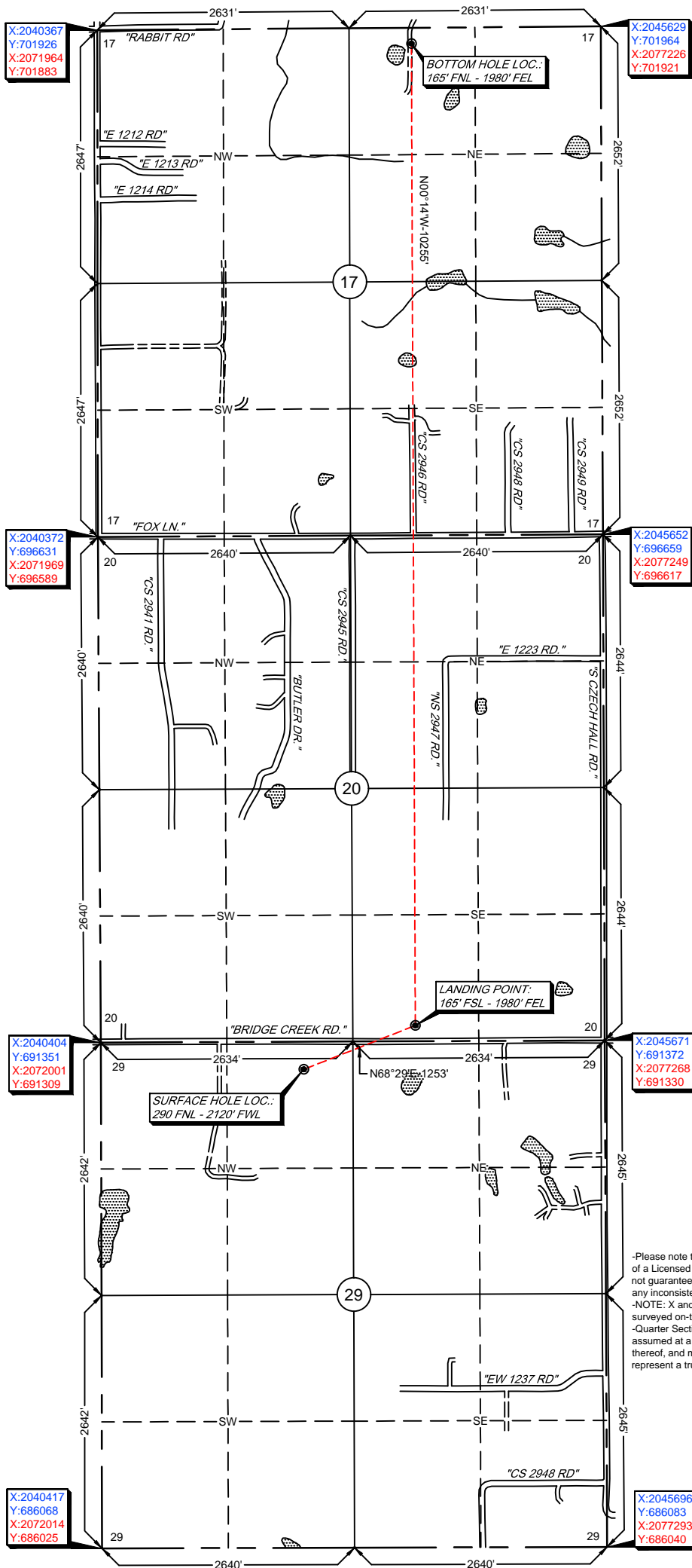
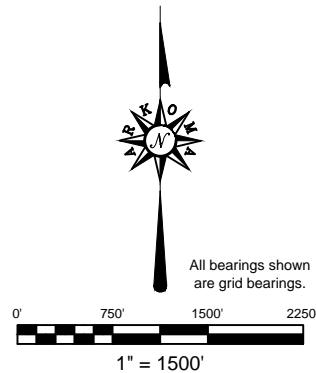
OK | PLS 1664



Well Location Plat

S.H.L. Sec. 20-9N-5W I.M.
B.H.L. Sec. 17-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: WORLEY CREEK 2H-20-17
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NE/4-NW/4-NW/4-NE/4 Section: 17 Township: 9N Range: 5W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in open pasture with a pipeline to the North.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°13'55.11"N
Lon: 97°45'07.70"W
Lat: 35.23197637
Lon: -97.75213918
X: 2042524
Y: 691070

Surface Hole Loc.:
Lat: 35°13'54.89"N
Lon: 97°45'06.55"W
Lat: 35.23191267
Lon: -97.75181963
X: 2074122
Y: 691027

Landing Point:
Lat: 35°13'59.63"N
Lon: 97°44'53.63"W
Lat: 35.23323127
Lon: -97.74823119
X: 2043690
Y: 691529

Landing Point:
Lat: 35°13'59.40"N
Lon: 97°44'52.48"W
Lat: 35.23316755
Lon: -97.74791172
X: 2075288
Y: 691487

Bottom Hole Loc.:
Lat: 35°15'41.06"N
Lon: 97°44'53.81"W
Lat: 35.26140610
Lon: -97.74828143
X: 2043650
Y: 701785

Bottom Hole Loc.:
Lat: 35°15'40.84"N
Lon: 97°44'52.66"W
Lat: 35.26134307
Lon: -97.74796169
X: 2075247
Y: 701742

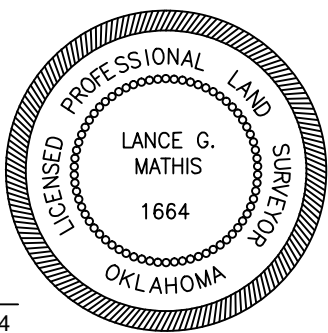
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-NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey.
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Invoice #9757-A-C
Date Staked: 01/21/2022 By: D.W.
Date Drawn: 01/24/2022 By: J.L.

LANCE G. MATHIS
01/27/2022
OK LPLS 1664

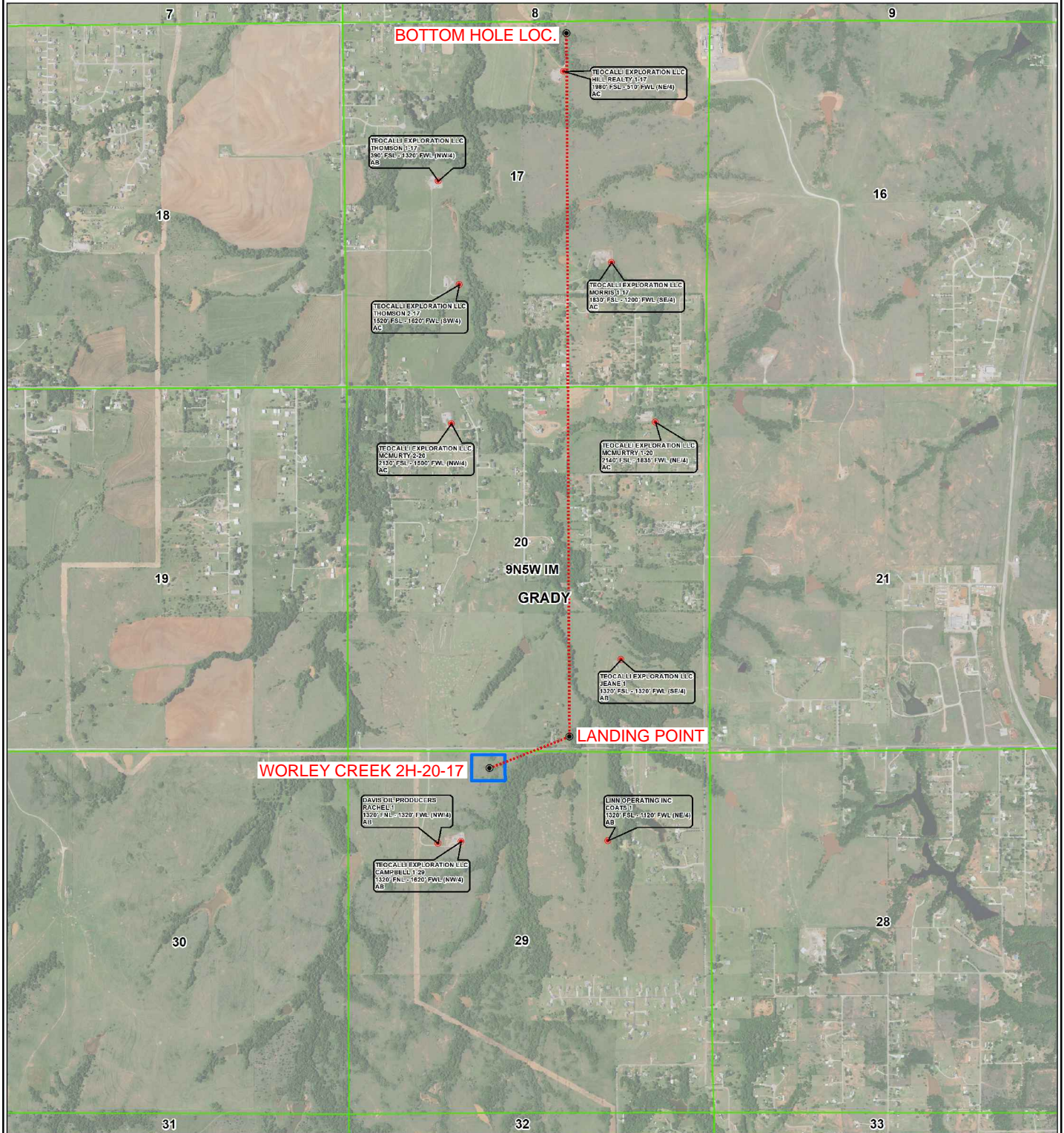
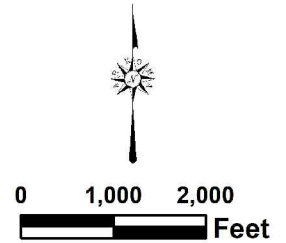




Anti-Collision

Sec(s). 17, 20, & 29-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: WORLEY CREEK 2H-20-17
Surface Hole Location: 290' FNL - 2120' FWL
Sec. 29 Twp. 9N Rng. 5W I.M.
Landing Point: 165' FSL - 1980' FEL
Sec. 20 Twp. 9N Rng. 5W I.M.
Bottom Hole Location: 165' FNL - 1980' FEL
Sec. 17 Twp. 9N Rng. 5W I.M.
County: Grady State of Oklahoma





Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: WORLEY CREEK 2H-20-17

Surface Hole Location: 290' FNL - 2120' FWL

Sec. 29 Twp. 9N Rng. 5W I.M.

Landing Point: 165' FSL - 1980' FEL

Sec. 20 Twp. 9N Rng. 5W I.M.

Bottom Hole Location: 165' FNL - 1980' FEL

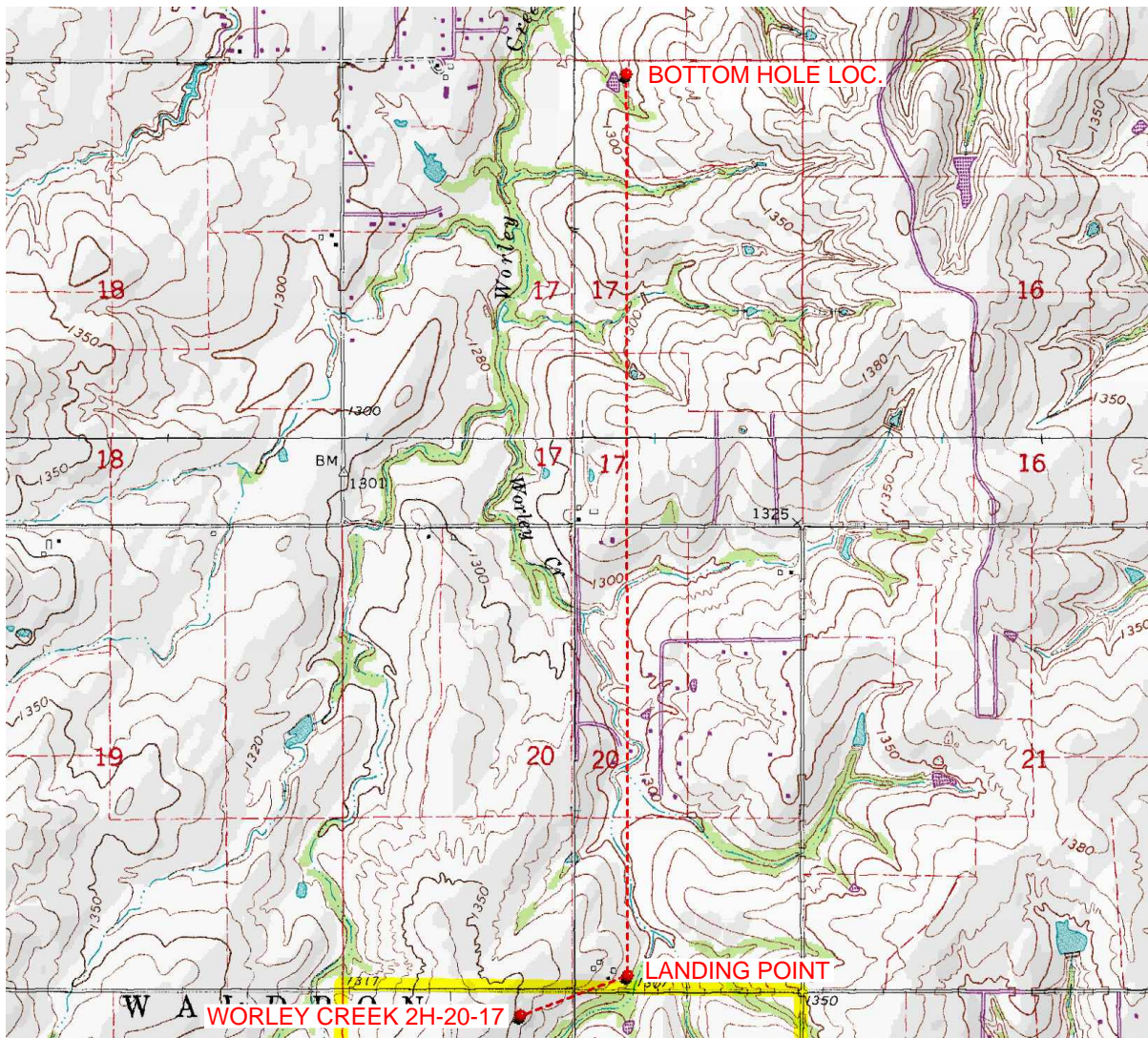
Sec. 17 Twp. 9N Rng. 5W I.M.

County: Grady State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1343'



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: 01/21/2022

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 #: 9757-A-C

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: WORLEY CREEK 2H-20-17

Accessibility: From the East.

Directions: From the junction of Highway 4 & "Bridge Creek Rd." in Grady, CO., OK, go 1.5 miles West on "Bridge Creek Rd." to the SW/4 of Section 20-9N-5W with the Proposed Site being on the South side of "Bridge Creek Rd."

1 inch = 0.5 mile

provided by:
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