API NUMBER: 051 24918

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

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** **2150**

Lease Name: **WORLEY CREEK** **Well No:** **2H-29-32** **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	MISSISSIPPI LIME	351MSSLM	10200
3	WOODFORD	319WDFD	10250

Spacing Orders: 275117
666276

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202200625
202200626
202200627
202200628
202200621

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 20800 Ground Elevation: 1342 **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: 32	Township: 9N	Range: 5W	Meridian: IM	Total Length:	10241
	County: GRADY			Measured Total Depth:	20800
Spot Location of End Point:	S2	S2	SW	SE	True Vertical Depth: 20250
Feet From:	**SOUTH**	1/4 Section Line:	165		
Feet From:	**EAST**	1/4 Section Line:	1980	End Point Location from Lease,Unit, or Property Line:	165

NOTES:

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.

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	[2/25/2022 - GB1] - 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	[2/25/2022 - GB1] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202200621	[2/28/2022 - G56] - (E.O.) 32-9N-5W EST MSSP, WDFD POE TO BHL (MSSP) NLT 660' FB POE TO BHL (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL REC 2/28/2022 (MOORE)
PENDING CD - 202200625	[2/28/2022 - G56] - (E.O.) 29 & 32-9N-5W EST MULTIUNIT HORIZONTAL WELL X275117 MSSLM 29-9N-5W X666276 WDFD 29-9N-5W X202200621 MSSP, WDFD 32-9N-5W (WDFD IS ASSOCIATED CSS TO MSSLM, MSSP)*** 50% 29-9N-5W 50% 32-9N-5W NO OP NAMED REC 2/28/2022 (MOORE) *** S/B WDFD IS ADJACENT CSS TO MSSLM, MSSP; WILL BE CORRECTED AT HEARING PER ATTORNEY FOR OPERATOR;
PENDING CD - 202200626	[2/28/2022 - G56] - (E.O.) 29 & 32-9N-5W X275117 MSSLM 29-9N-5W X666276 WDFD 29-9N-5W X202200621 MSSP, WDFD 32-9N-5W COMPL INT (29-9N-5W) NCT 165' FNL, NCT 0' FSL, NCT 1320' FEL COMPL INT (32-9N-5W) NCT 165' FSL, NCT 0' FNL, NCT 1320' FEL NO OP NAMED REC 2/28/2022 (MOORE)
PENDING CD - 202200627	[2/28/2022 - G56] - (E.O.) 29-9N-5W X275117 MSSLM 2 WELLS CITIZEN ENERGY III, LLC HEARING 3/8/2022
PENDING CD - 202200628	[2/28/2022 - G56] - (E.O.) 32-9N-5W X202200621 MSSP 1 WELL CITIZEN ENERGY III, LLC REC 2/28/2022 (MOORE)
SPACING - 275117	[2/28/2022 - G56] - (640) 29-9N-5W EST MSSLM, OTHERS
SPACING - 666276	[2/28/2022 - G56] - (640)(HOR) 29-9N-5W EST WDFD COMPL INT NLT 165' FNL & FSL, NLT 330' FEL & FWL

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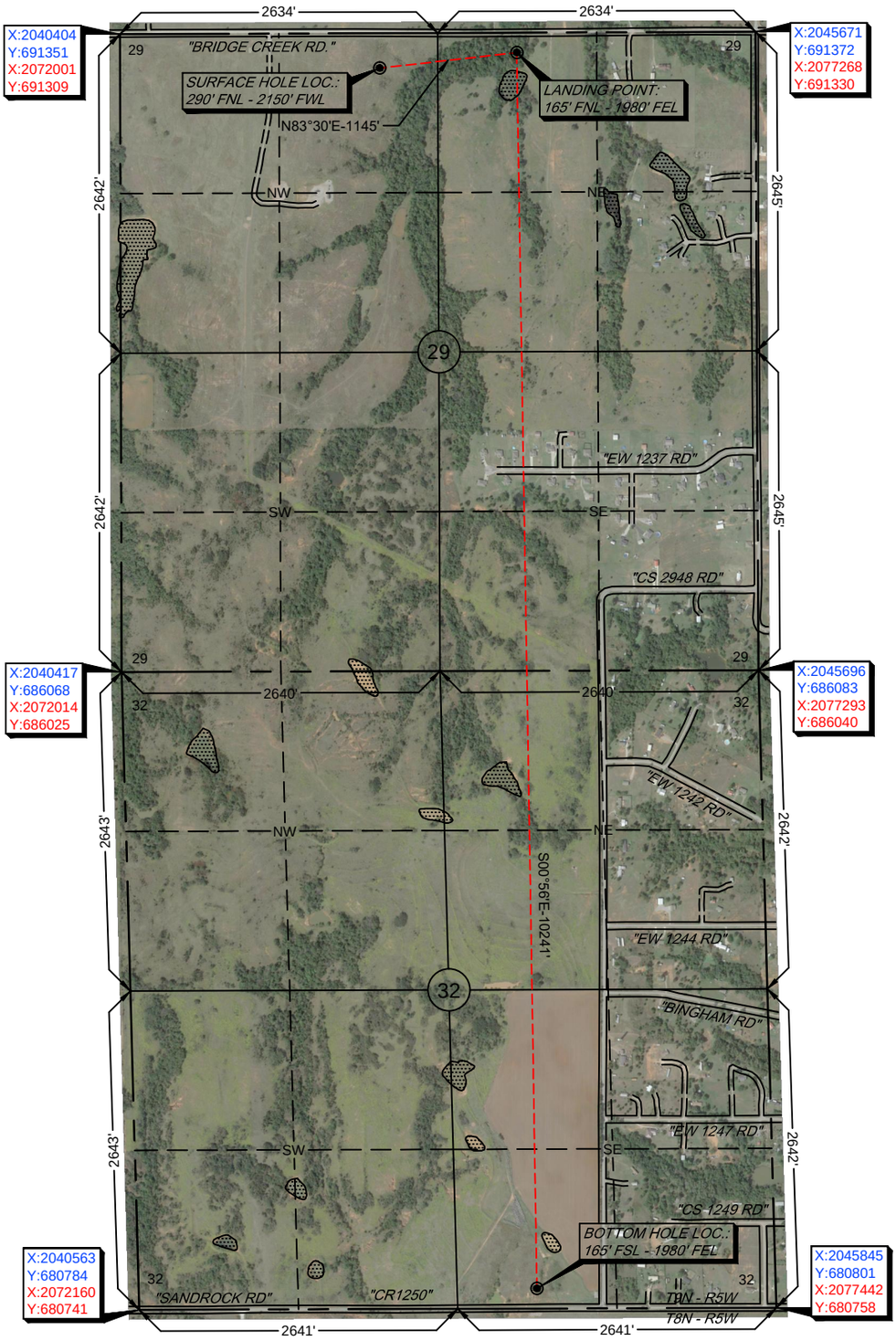
Well Location Plat

S.H.L. Sec. 20-9N-5W I.M.
B.H.L. Sec. 32-9N-5W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: WORLEY CREEK 2H-29-32
Surface Hole Location: 290' FNL - 2150' FWL Gr. Elevation: 1342'
NW/4-NE/4-NE/4-NW/4 Section: 29 Township: 9N Range: 5W I.M.
Bottom Hole Location: 165' FSL - 1980' FEL
SW/4-SE/4-SW/4-SE/4 Section: 32 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.

All bearings shown are grid bearings.

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



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:	
Lat: 35°13'55.12"N	
Lon: 97°45'07.34"W	
Lat: 35.23197650	
Lon: -97.75203872	
X: 2042554	
Y: 691070	
Surface Hole Loc.:	
Lat: 35°13'54.89"N	
Lon: 97°45'06.19"W	
Lat: 35.23191279	
Lon: -97.75171918	
X: 2074152	
Y: 691027	
Landing Point:	
Lat: 35°13'56.37"N	
Lon: 97°44'53.63"W	
Lat: 35.23232466	
Lon: -97.74822934	
X: 2043692	
Y: 691199	
Landing Point:	
Lat: 35°13'56.14"N	
Lon: 97°44'52.48"W	
Lat: 35.23226092	
Lon: -97.74790988	
X: 2075289	
Y: 691157	
Bottom Hole Loc.:	
Lat: 35°12'15.09"N	
Lon: 97°44'51.91"W	
Lat: 35.20419089	
Lon: -97.74775397	
X: 2043859	
Y: 680959	
Bottom Hole Loc.:	
Lat: 35°12'14.86"N	
Lon: 97°44'50.77"W	
Lat: 35.20412663	
Lon: -97.74743483	
X: 2075457	
Y: 680917	

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

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 01/27/2022
OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Well Location Plat

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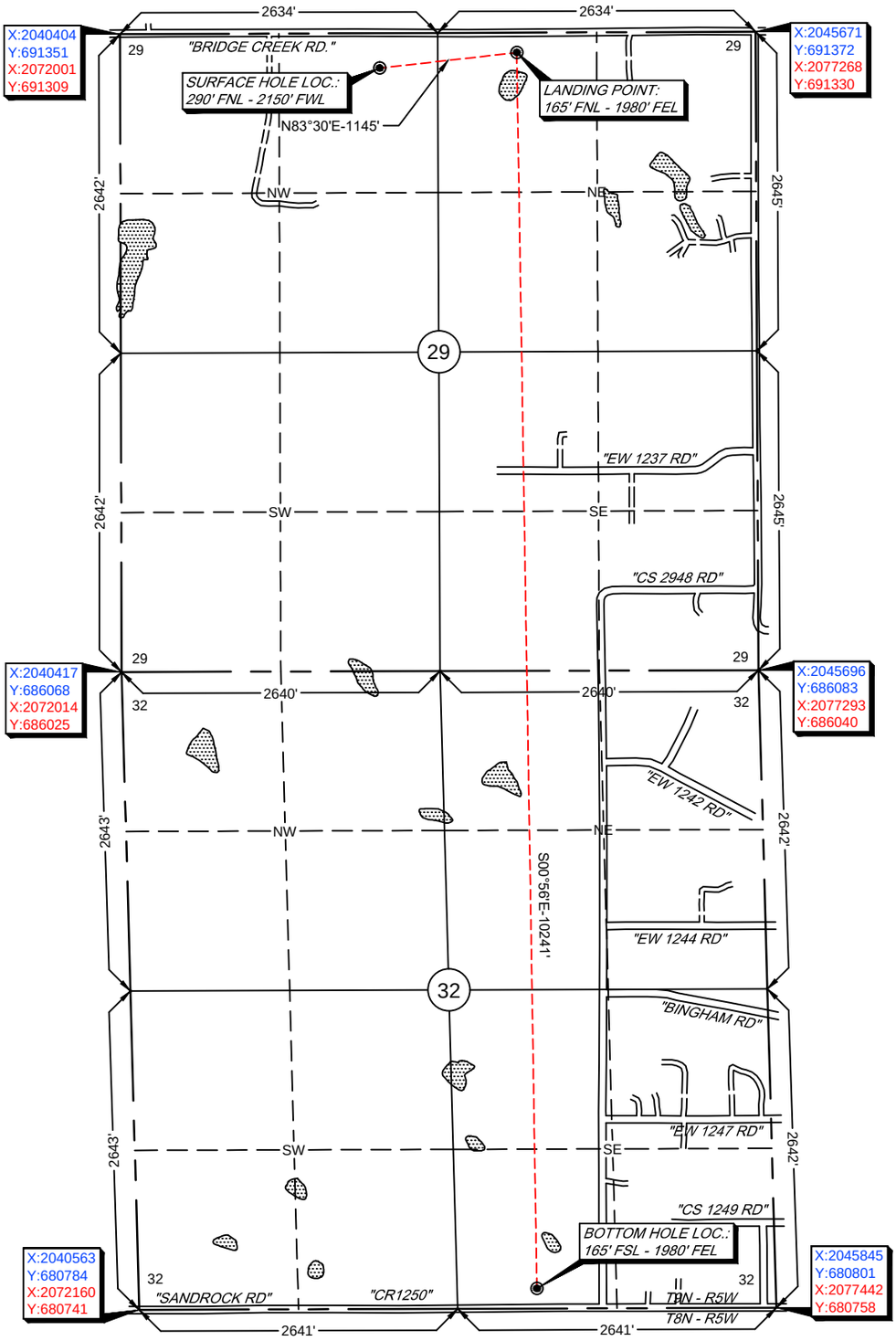

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01/27/2022
LANCE G. MATHIS OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Anti-Collision

Sec(s). 29 & 32-9N-5W I.M.

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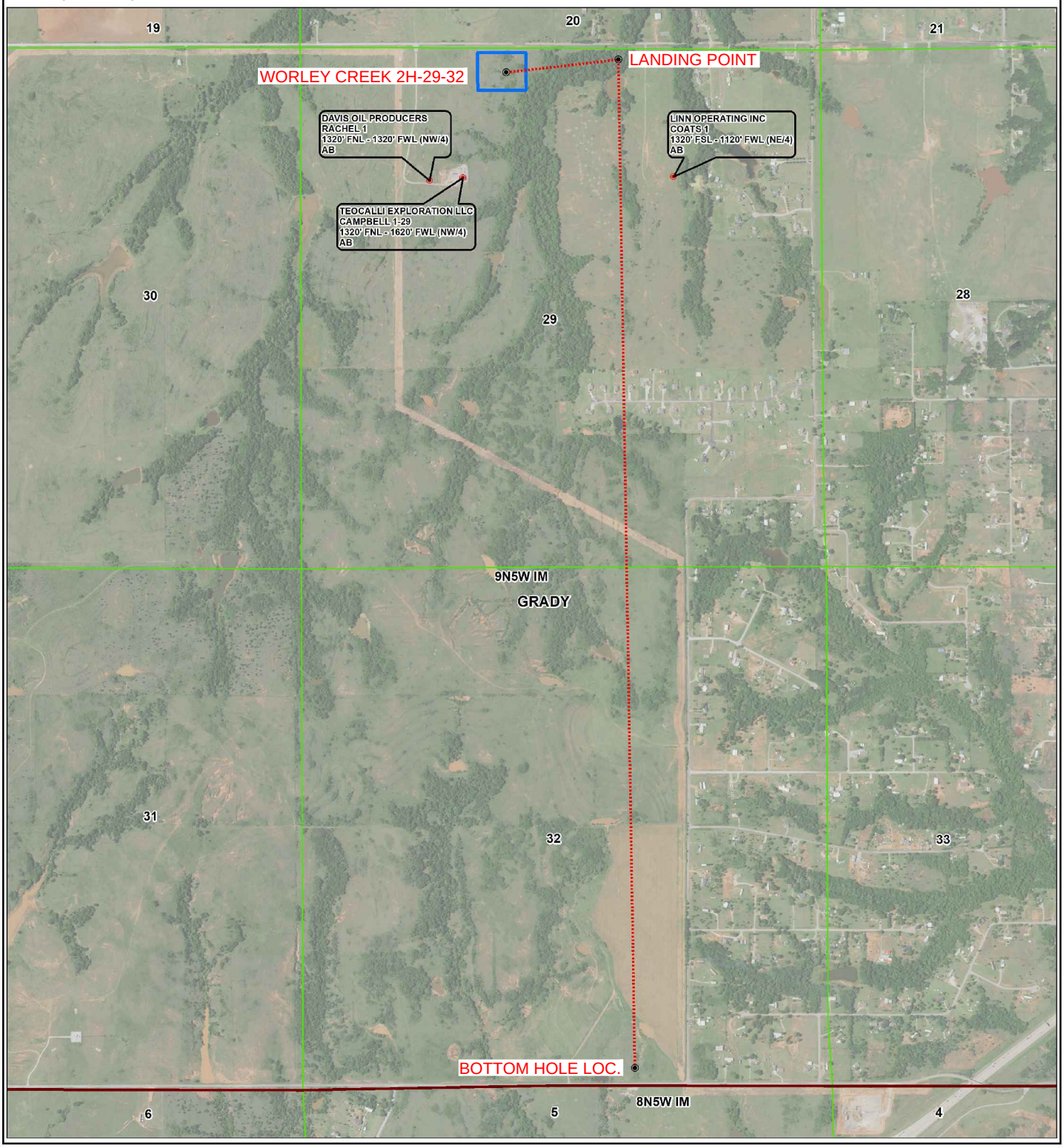
Sec. 29 Twp. 9N Rng. 5W I.M.
Bottom Hole Location: 165' FSL - 1980' FEL
Sec. 32 Twp. 9N Rng. 5W I.M.
County: Grady State of Oklahoma

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

0 750 1,500 Feet



Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
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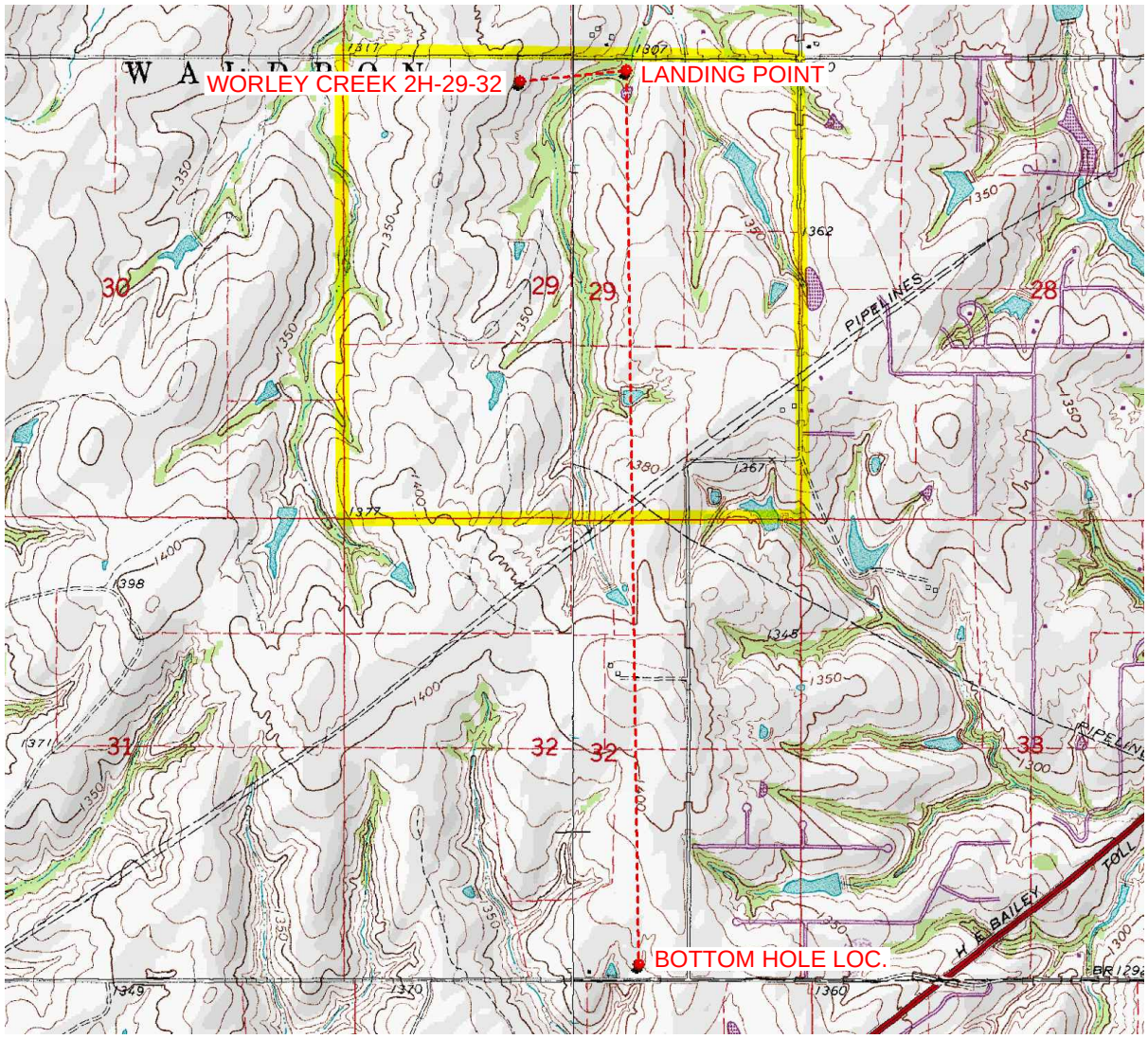
Sec. 32 Twp. 9N Rng. 5W I.M.
County: Grady State of Oklahoma

Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1342'



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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.

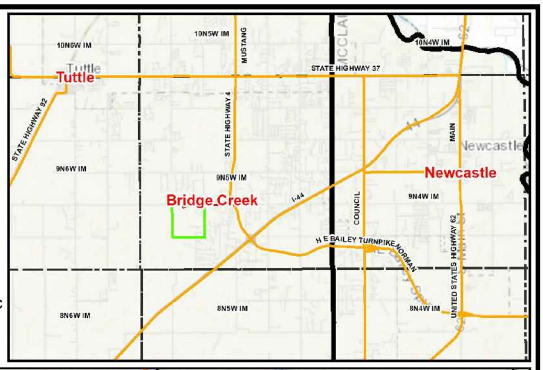
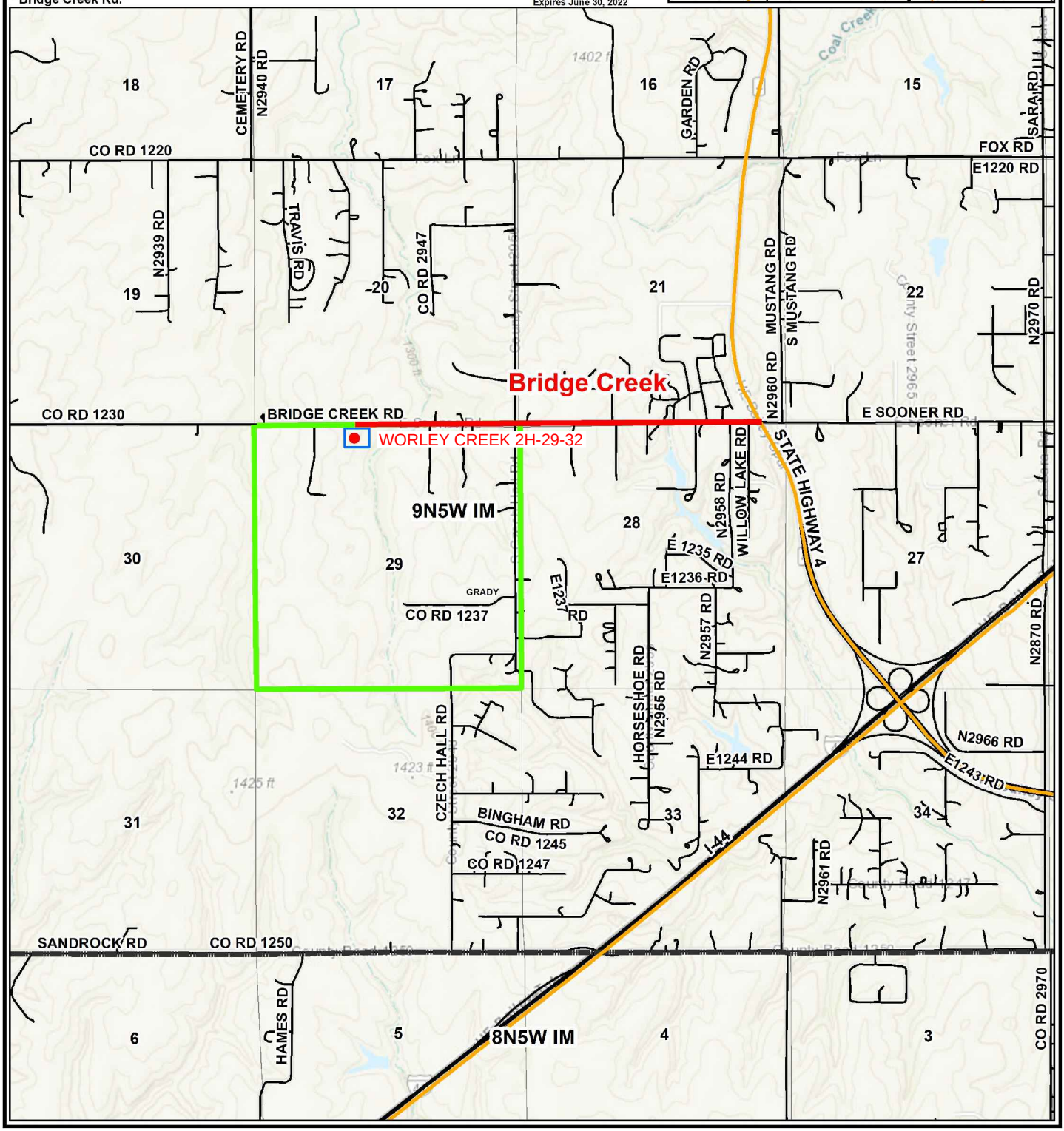
Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

County Highway Vicinity Map

CITIZEN ENERGY

Job #: 9757-A-D
Operator: CITIZEN ENERGY, LLC
Lease Name and No.: WORLEY CREEK 2H-29-32

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

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