

API NUMBER: 017 25664

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

Approval Date: 04/08/2021
Expiration Date: 10/08/2022

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 02 Township: 10N Range: 7W County: CANADIAN

SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2430 660

Lease Name: DEMMER Well No: 1H-2-11 Well will be 660 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

ANNA L. DEMMER
10170 ALFADALE ST.
UNION CITY OK 73090

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

Name	Code	Depth
1 WOODFORD	319WDFD	10600

Spacing Orders: 368453
677765

Location Exception Orders: No Exceptions

Increased Density Orders: 717594

Pending CD Numbers: 202100366
202100367
202100371

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 18500 Ground Elevation: 1258

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 260

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: 21-37558

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: 11	Township: 10N	Range: 7W	Meridian: IM	Total Length: 7300	
	County: GRADY			Measured Total Depth: 18500	
Spot Location of End Point: S2	SE	SW	SW	True Vertical Depth: 10600	
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from	
Feet From: WEST		1/4 Section Line: 990		Lease, Unit, or Property Line: 165	

NOTES:

Category	Description
DEEP SURFACE CASING	[3/25/2021 - 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	<p>[3/25/2021 - 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 6000N00. 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>
INCREASED DENSITY - 717594 (202100370)	<p>[4/1/2021 - GB1] - (E.O.) 2-10N-7W X368453 WDFD 2 WELLS CITIZEN ENERGY III, LLC 4/5/2021</p>
MEMO	[3/25/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100366	<p>[4/1/2021 - GB1] - (E.O.) 2 & 11-10N-7W EST MULTIUNIT HORIZONTAL WELL X368453 WDFD 2-10N-7W X677765 WDFD 11-10N-7W 33% 2-10N-7W 67% 11-10N-7W CITIZEN ENERGY III, LLC REC 3-26-2021 (MOORE)</p>
PENDING CD - 202100367	<p>[4/1/2021 - GB1] - (E.O.) 2 & 11-10N-7W X368453 WDFD 2-10N-7W X677765 WDFD 11-10N-7W COMPL INT (2-10N-7W) NCT 1320' FNL, NCT 0' FSL, NCT 660' FWL COMPL INT (11-10N-7W) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL CITIZEN ENERGY III, LLC REC 3-26-2021 (MOORE)</p>
PENDING CD - 202100371	<p>[4/1/2021 - GB1] - (E.O.) 11-10N-7W X677765 WDFD 2 WELLS CITIZEN ENERGY III, LLC REC 3-26-2021 (MOORE)</p>
SPACING - 368453	<p>[4/1/2021 - GB1] - (640) 2-10N-7W EXT OTHERS EXT WDFD, OTHERS</p>
SPACING - 677765	<p>[4/1/2021 - GB1] - (640)(HOR) 11-10N-7W EST WDFD COMPL INT NCT 165' FNL/FSL, NCT 330' FEL/FWL</p>

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017 25664 DEMMER 1H-2-11



CITIZEN ENERGY

Well Location Plat

S.H.L. Sec. 2-10N-7W I.M.
B.H.L. Sec. 11-10N-7W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: DEMMER 1H-2-11

Surface Hole Location: 2430' FSL - 660' FWL Gr. Elevation: 1258'

NW/4-NE/4-NW/4-SW/4 Section: 2 Township: 10N Range: 7W I.M.

County: Canadian State of Oklahoma

Bottom Hole Location: 165' FSL - 990' FWL

Unit: 11 Township: 10N Range: 7W I.M.

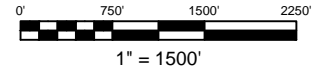
County: Grady State of Oklahoma

Terrain at Loc.: Location fell in an open crop field.



All bearings shown
are grid bearings.

BASIS OF BEARING:
GRID NORTH - NAD 83
STATE PLANE - OK NORTH ZONE
BASIS OF ELEVATION:
OPUS SOLUTION



GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°22'09.99"N
Lon: 97°55'01.90"W
Lat: 35.36944162
Lon: -97.91719469
X: 1993189
Y: 134496

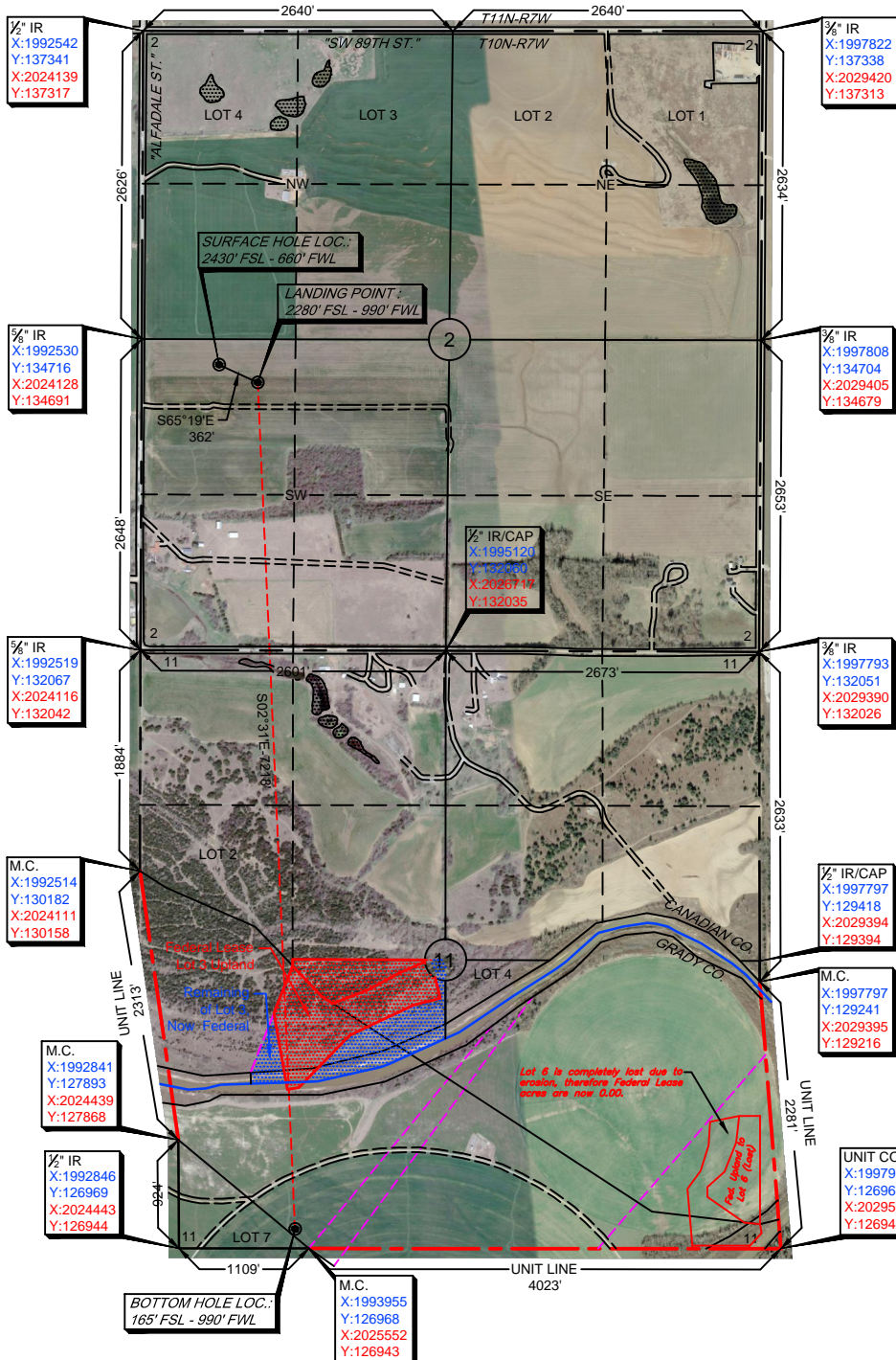
Surface Hole Loc.:
Lat: 35°22'09.78"N
Lon: 97°55'00.73"W
Lat: 35.36938398
Lon: -97.91687018
X: 2024787
Y: 134471

Landing Point:
Lat: 35°22'08.49"N
Lon: 97°54'57.93"W
Lat: 35.36902439
Lon: -97.91609054
X: 1993519
Y: 134344

Landing Point:
Lat: 35°22'08.28"N
Lon: 97°54'56.76"W
Lat: 35.36896673
Lon: -97.91576606
X: 2025116
Y: 134320

Bottom Hole Loc.:
Lat: 35°20'57.17"N
Lon: 97°54'54.18"W
Lat: 35.34921432
Lon: 97.91505029
X: 1993835
Y: 127133

Bottom Hole Loc.:
Lat: 35°20'56.96"N
Lon: 97°54'53.01"W
Lat: 35.34915598
Lon: -97.91472604
X: 2025432
Y: 127109



-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 #9214-A-A

Date Staked: 03/08/2021

By: H.S.

Date Drawn: 03/09/2021

By: J.K.

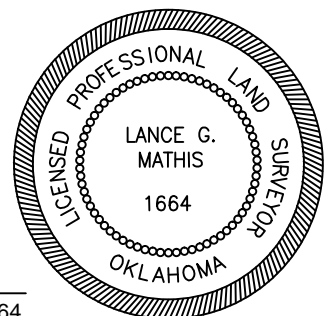
Certification:

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

03/10/2021

OK LPLS 1664





CITIZEN ENERGY

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B.H.L. Sec. 11-10N-7W I.M.

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Unit: 11 Township: 10N Range: 7W I.M.

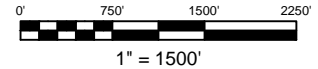
County: Grady State of Oklahoma

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All bearings shown
are grid bearings.

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STATE PLANE - OK NORTH ZONE
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NAD 83

NAD 27

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Lat: 35.36944162
Lon: -97.91719469
X: 1993189
Y: 134496

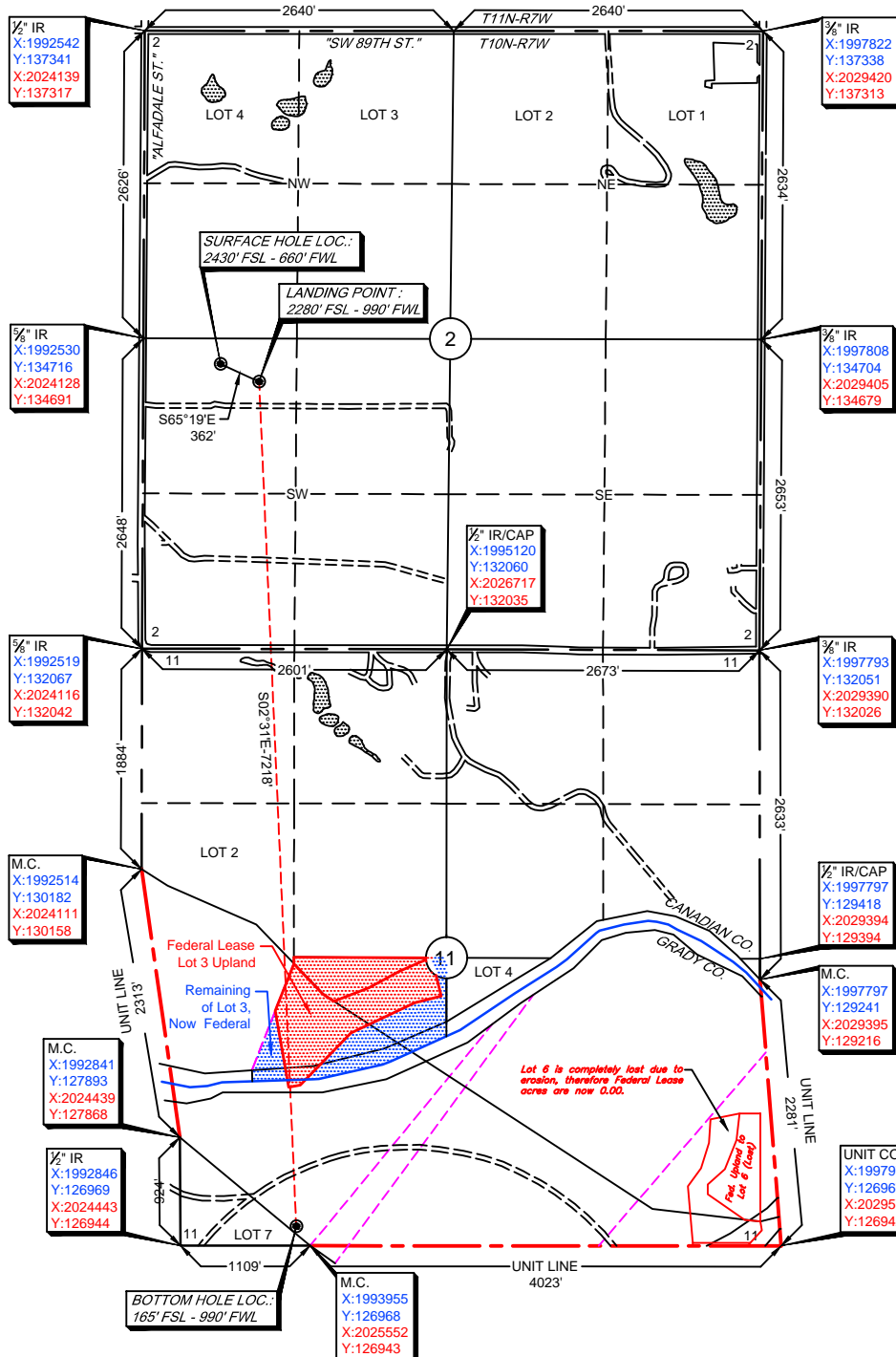
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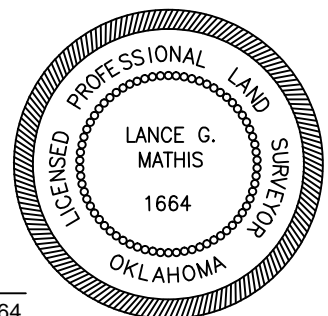
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LANCE G. MATHIS

03/10/2021

OK LPLS 1664





Sec. 2-10N-7W I.M.

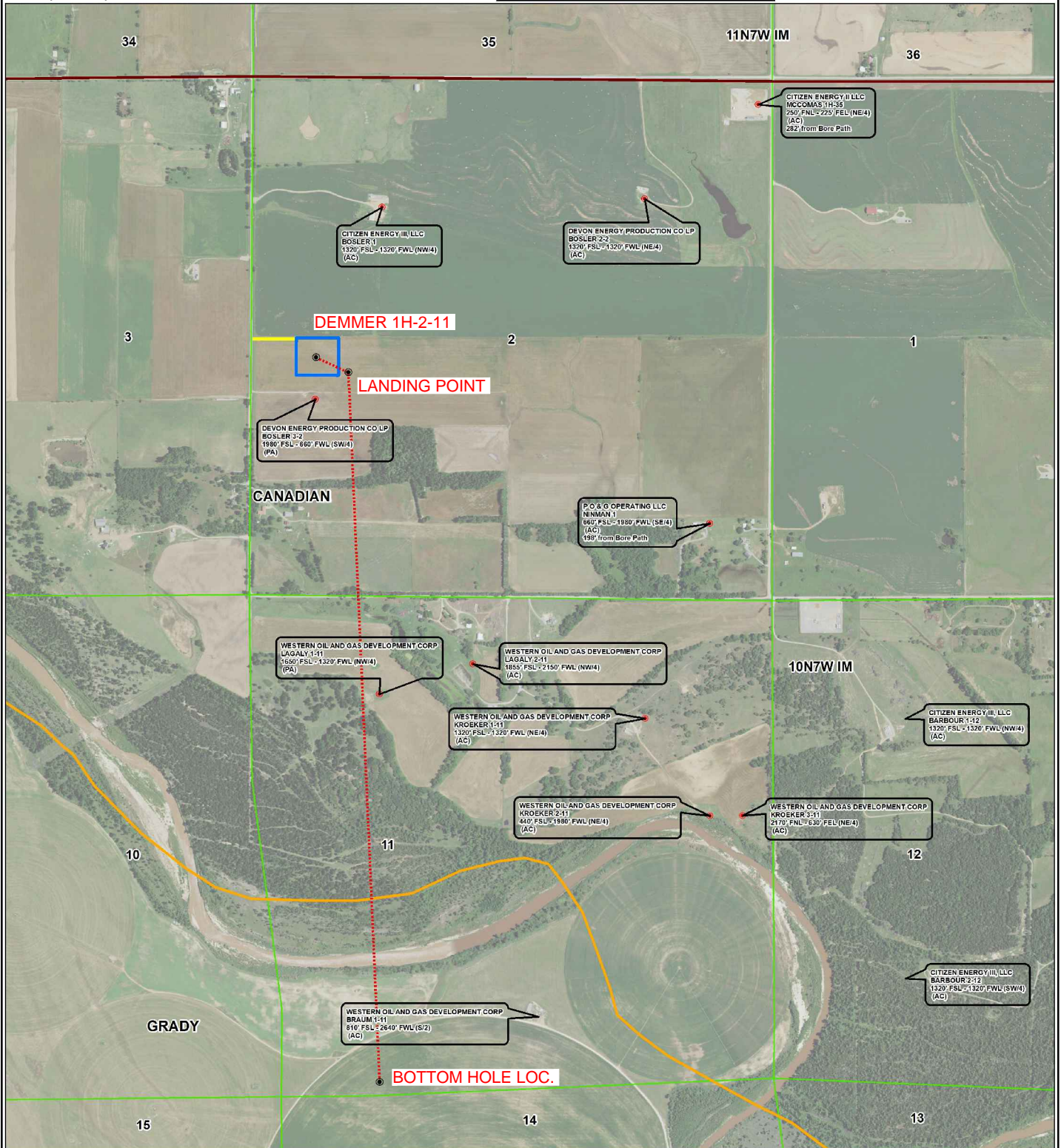
County: Grady State of Oklahoma

- SHL  Counties
 ● LP & BHL  Township-Range
 ***** Bore Path  Sections
 Pad
 Lease Road
 OCC Wells



0 700 1,400

Feet





Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: DEMMER 1H-2-11

Surface Hole Location: 2430' FSL - 660' FWL

Landing Point: 2280' FSL - 990' FWL

Sec. 2 Twp. 10N Rng. 7W I.M.

County: Canadian State of Oklahoma

Bottom Hole Location: 165' FSL - 990' FWL

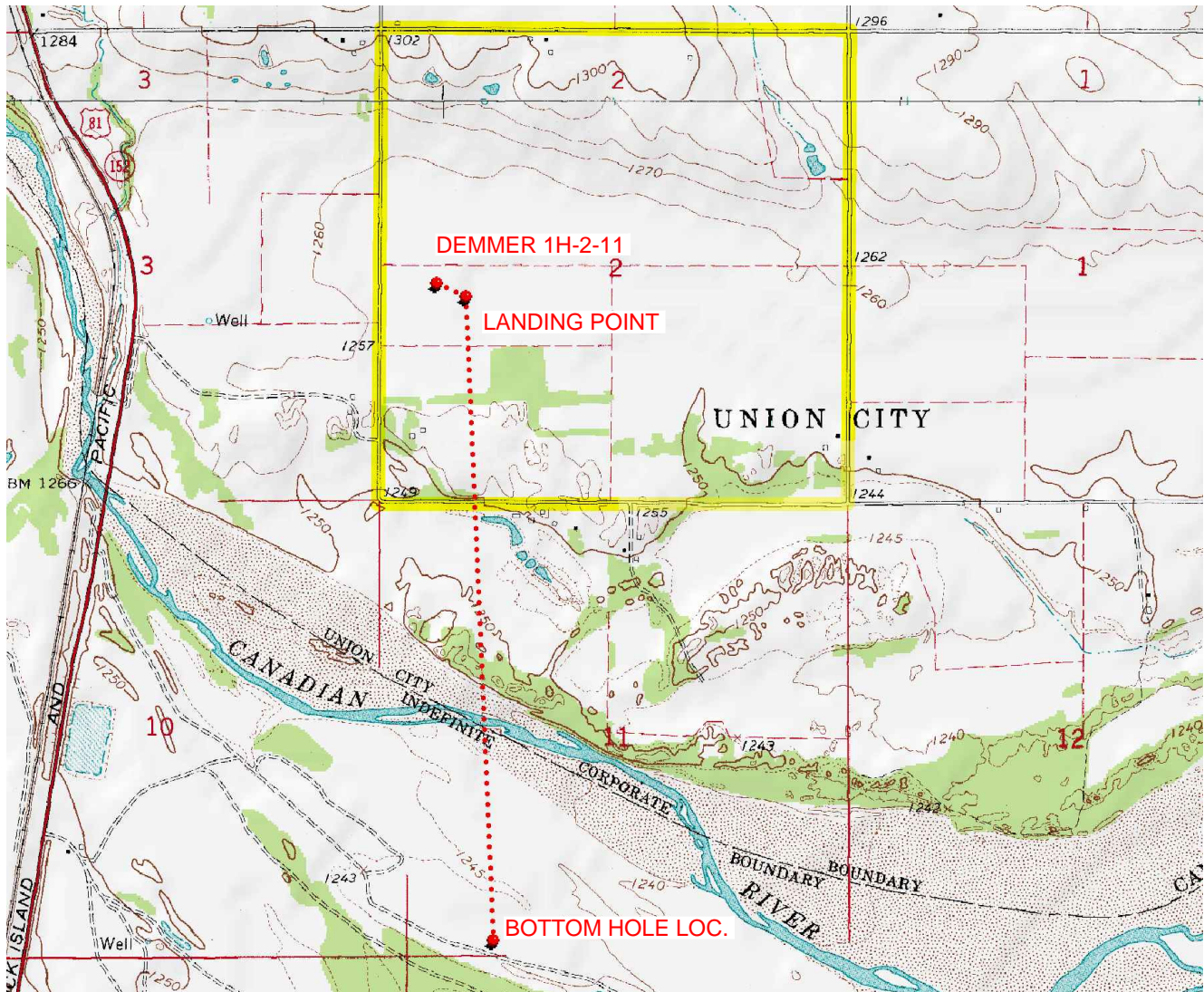
Unit 11 Twp. 10N Rng. 7W I.M.

County: Grady State of Oklahoma

Ground Elevation at Surface Hole Location: 1258'



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: 03/08/2021

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

Job #: 9214-A-A

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: DEMMER 1H-2-11

Accessibility: From the North.

Directions: From the junction of US HWY 81 & State HWY 152 in the town of Union City, OK, go 1.0 mile East on State HWY 152, then go 1.5 miles South on "Alfadale St." to the West 1/4 Corner of Section 2-10N-7W on the East side of the road.



1 inch = 0.24 mile

provided by:
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