

API NUMBER: 087 22310

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

Approval Date: 04/20/2021  
Expiration Date: 10/20/2022

Horizontal Hole Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 6N Range: 4W County: MCCLAIN

SPOT LOCATION: ☐ SW ☐ SE ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 245 600

Lease Name: KEELER Well No: 1H-9 Well will be 245 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

EDWARD AND MARY ANN KEELER  
P.O. BOX 285  
DIBBLE OK 73031

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	10500

Spacing Orders: 648816

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202100412

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

Special Orders: No Special Orders

Total Depth: 16000

Ground Elevation: 1205

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 210

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: 21-37586

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: DUNCAN

### 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: DUNCAN

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.

# HORIZONTAL HOLE 1

Section: 9      Township: 6N      Range: 4W      Meridian: IM      Total Length: 5200  
                          County: MCCLAIN      Measured Total Depth: 16000  
 Spot Location of End Point: S2      SE      SE      SE      True Vertical Depth: 10500  
                          Feet From: **SOUTH**      1/4 Section Line: 165      End Point Location from  
                          Feet From: **EAST**      1/4 Section Line: 330      Lease, Unit, or Property Line: 165

## NOTES:

Category	Description
DEEP SURFACE CASING	[4/13/2021 - 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>[4/13/2021 - 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 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://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.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	[4/13/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100412	<p>[4/20/2021 - GC2] - (I.O.) 9-6N-4W X652240 MSSP*** COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FEL BASIS RESOURCE GROUP, LLC OR CITIZEN ENERGY III, LLC REC. 4-12-2021 (MOORE)</p> <p>***SPACING ORDER WAS AMENDED TO 648816 AT HEARING BY ATTORNEY FOR OPERATOR</p>
SPACING - 648816	<p>[4/20/2021 - GC2] - (640) 9-6N-4W EXT 637596 MSSP, OTHERS COMPL. INT. (MSSP) NLT 660' FB</p>



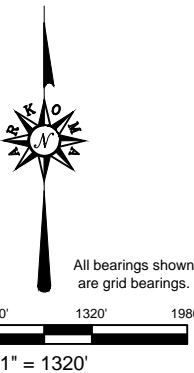
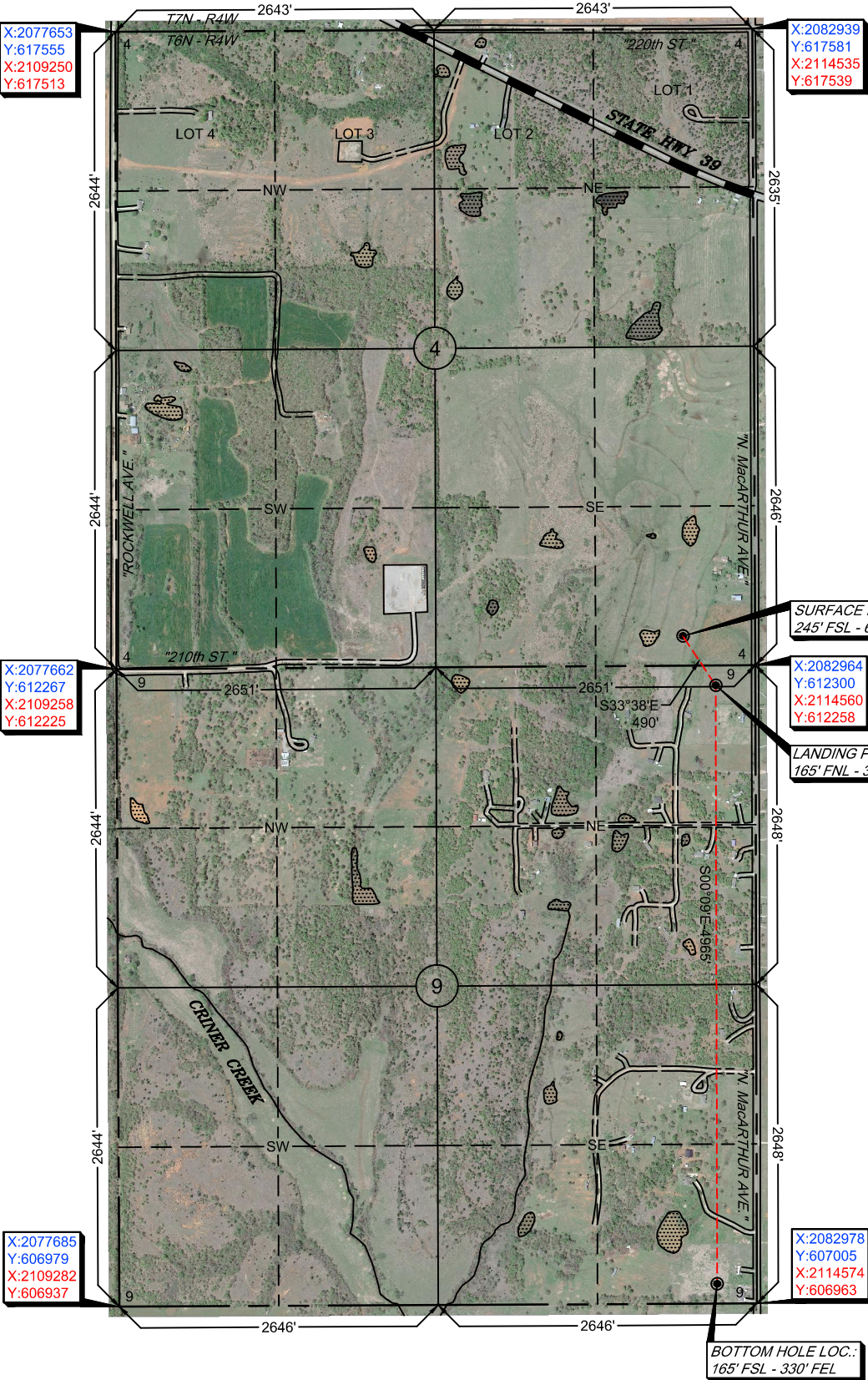


# Well Location Plat

S.H.L. Sec. 4-T6N-R4W I.M.  
B.H.L. Sec. 9-T6N-R4W I.M.

Operator: CITIZEN ENERGY, LLC  
Lease Name and No.: KEELER 1H-9  
Surface Hole Location: 245' FSL - 600' FEL Gr. Elevation: 1205'  
SW/4-SE/4-SE/4-SE/4 Section: 4 Township: 6N Range: 4W I.M.  
Bottom Hole Location: 165' FSL - 330' FEL  
SE/4-SE/4-SE/4-SE/4 Section: 9 Township: 6N Range: 4W I.M.  
County: McClain State of Oklahoma  
Terrain at Loc.: Location fell in an open crop field with a pond on the West edge of pad.

API:087-22310



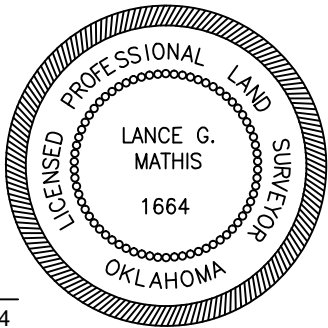
GPS DATUM NAD 83 NAD 27 OK SOUTH ZONE
Surface Hole Loc.: Lat: 35°00'57.19"N Lon: 97°37'11.05"W Lat: 35.01588644 Lon: -97.61973706 X: 2082363 Y: 612541
Surface Hole Loc.: Lat: 35°00'56.94"N Lon: 97°37'09.93"W Lat: 35.01581751 Lon: -97.61942419 X: 2113959 Y: 612499
Landing Point: Lat: 35°00'53.14"N Lon: 97°37'07.81"W Lat: 35.01476178 Lon: -97.61883522 X: 2082634 Y: 612133
Landing Point: Lat: 35°00'52.89"N Lon: 97°37'06.68"W Lat: 35.01469282 Lon: -97.61852239 X: 2114231 Y: 612091
Bottom Hole Loc.: Lat: 35°00'04.04"N Lon: 97°37'07.88"W Lat: 35.00112127 Lon: -97.61885557 X: 2082647 Y: 607168
Bottom Hole Loc.: Lat: 35°00'03.79"N Lon: 97°37'06.75"W Lat: 35.00105205 Lon: -97.61854293 X: 2114243 Y: 607126

-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 #9310-A  
Date Staked: 03/16/2021 By: D.W.  
Date Drawn: 03/18/2021 By: J.K.

LANCE G. MATHIS  
03/19/2021  
OK LPLS 1664







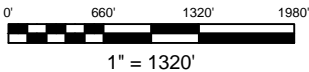
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County: McClain State of Oklahoma  
Terrain at Loc.: Location fell in an open crop field with a pond on the West edge of pad.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°00'57.19"N  
Lon: 97°37'11.05"W  
Lat: 35.01588644  
Lon: -97.61973706  
X: 2082363  
Y: 612541

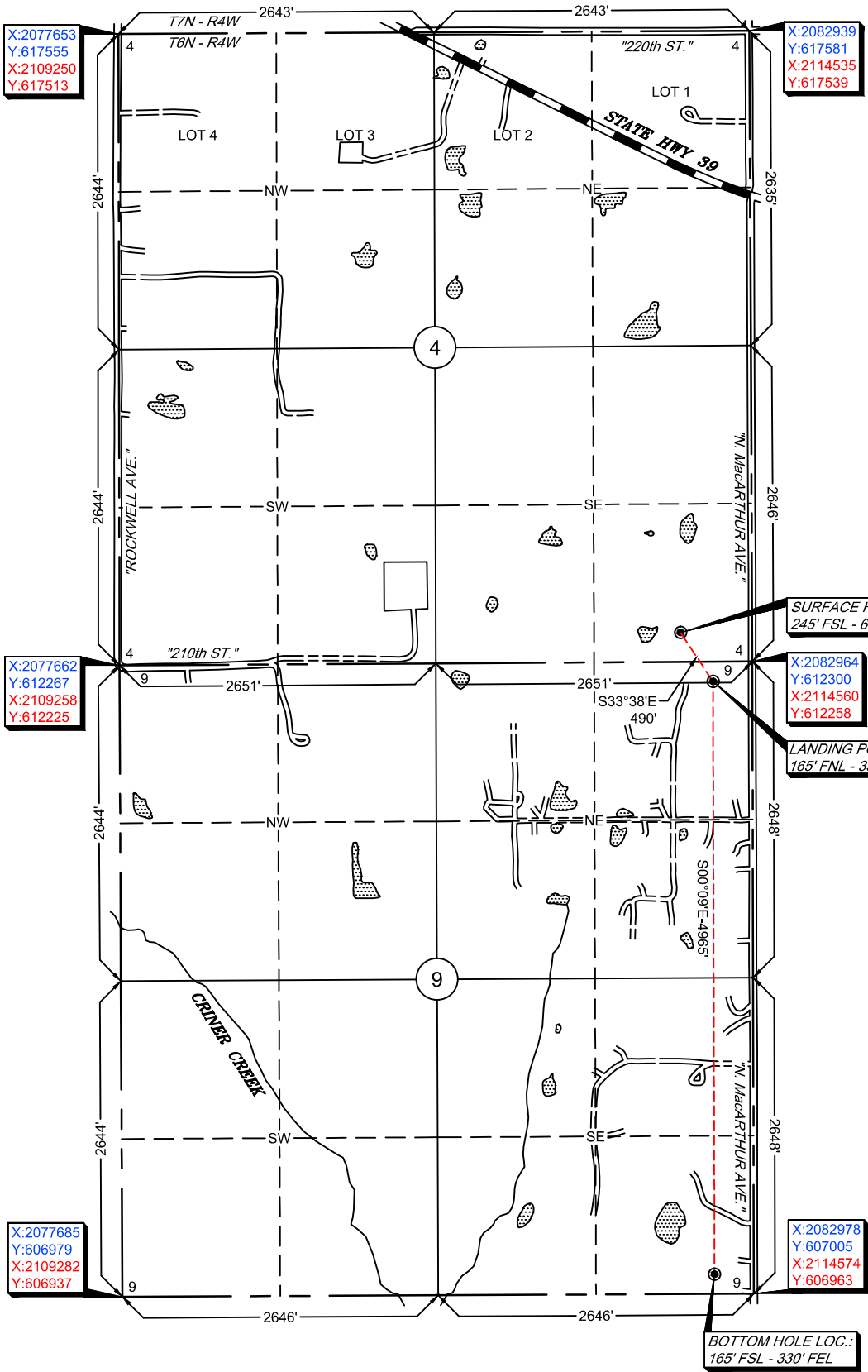
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Y: 607126



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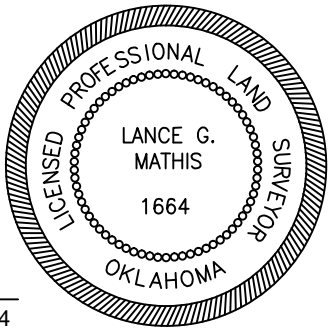
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LANCE G. MATHIS

03/19/2021

OK LPLS 1664



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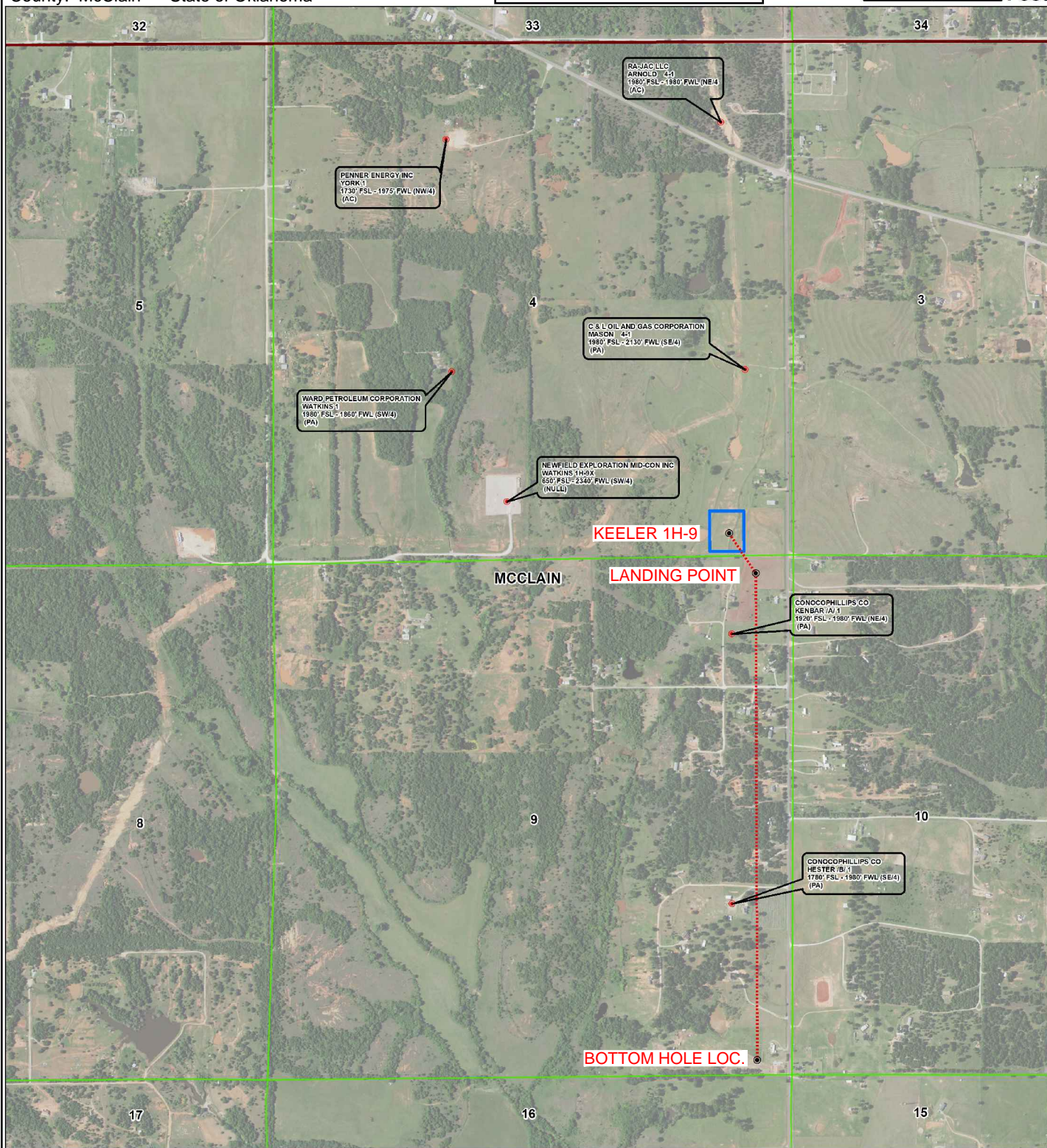
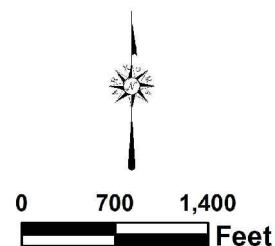
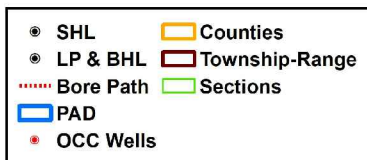




# Anti-Collision

Sec. 4-6N-4W I.M.

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Sec. 9 Twp. 6N Rng. 4W I.M.  
County: McClain State of Oklahoma







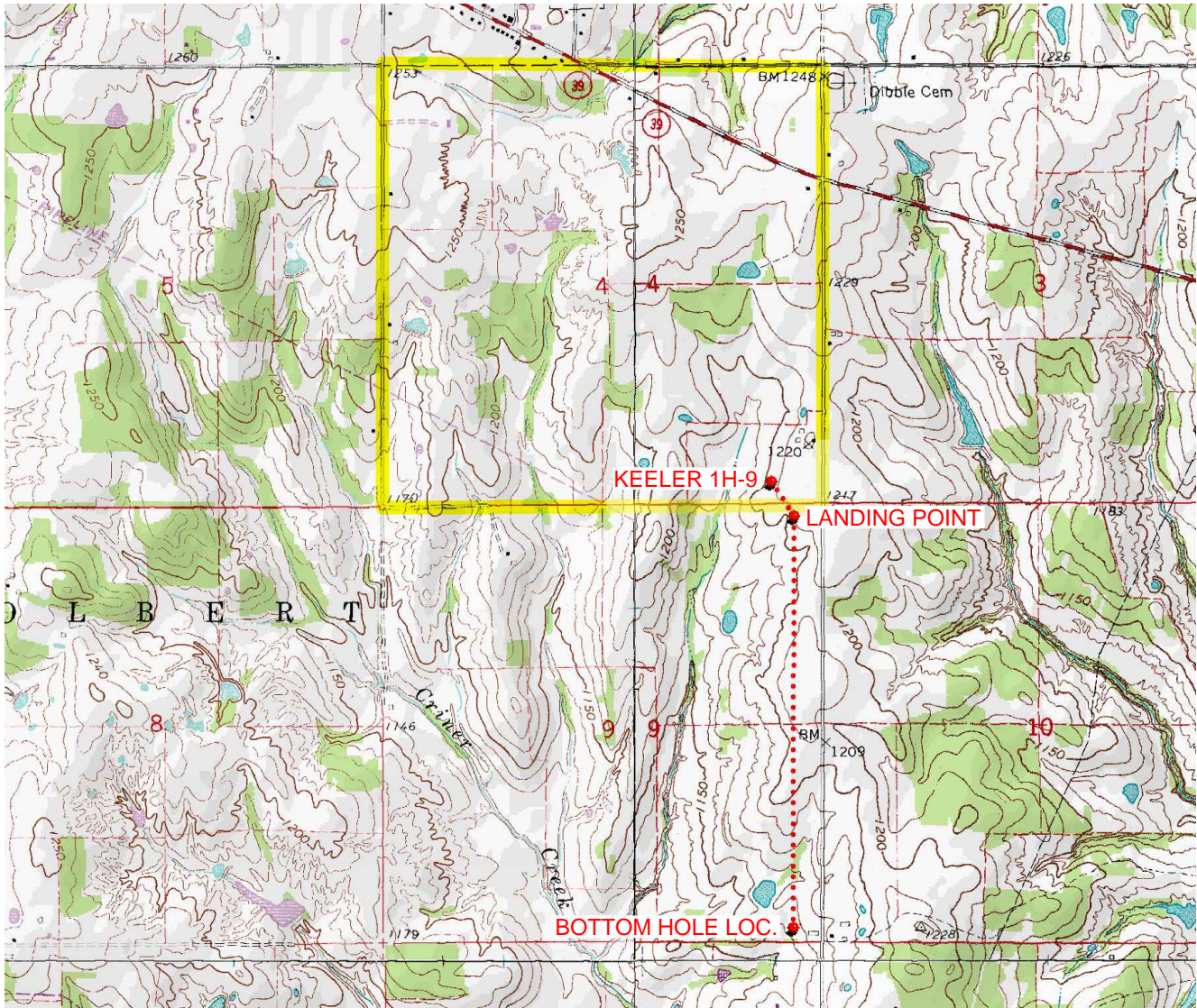
# Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC  
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Landing Point: 165' FNL - 330' FEL  
Bottom Hole Location: 165' FSL - 330' FEL  
Sec. 9 Twp. 6N Rng. 4W I.M.  
County: McClain State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1205'



Provided by:  
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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: 03/16/2021

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 #: 9310-A

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: KEELER 1H-9

Accessibility: From the North.

Directions: From the junction of State Highway 39 & "N. MacArthur Ave." Southeast of the town of Dibble, OK, go 0.7 mile South on "N. MacArthur Ave.", to the Southeast Quarter of Section 4-6N-4W on the West side of the road.



1 inch = 0.3 mile

provided by:  
Arkoma Surveying and Mapping, PLLC  
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