

API NUMBER: 087 22313

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

Approval Date: 05/18/2021
Expiration Date: 11/18/2022

Horizontal Hole Oil & Gas

PERMIT TO DRILL

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

SPOT LOCATION: ☐ NE ☐ SE ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 495 1250

Lease Name: ENGLAND Well No: 2H-9 Well will be 495 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 AND TAMMY ENGLAND
17251 ROCKWELL AVE
LINDSAY OK 73052

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	10600

Spacing Orders: 648816

Location Exception Orders: No Exceptions

Increased Density Orders: 718266

Pending CD Numbers: 202100580

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 16300

Ground Elevation: 1205

Surface Casing: 1000

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: 21-37589

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: 16200
Spot Location of End Point: S2	SW	SE	SW	True Vertical Depth: 10700
Feet From: SOUTH		1/4 Section Line: 165		End Point Location from
Feet From: WEST		1/4 Section Line: 1650		Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[5/13/2021 - 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>[5/13/2021 - 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: OCCEWEB.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 - 718266 (202100581)	<p>[5/18/2021 - GB6] - (E.O.) 9-6N-4W X648816 MSSP 1 WELL NO OPER. NAMED 05/10/2021</p>
MEMO	[5/13/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202100580	<p>[5/18/2021 - GB6] - (I.O.) 9-6N-4W X648816 MSSP SHL 495' FSL, 1250' FWL 4-6N-4W COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 1320' FWL CITIZEN ENERGY III, LLC REC. 05/10/2021 (MOORE)</p>
SPACING - 648816	<p>[5/18/2021 - GB6] - (640)(HOR) 9-6N-4W EXT 637596 MSSP, OTHERS COMPL. INT. (MSSP, OTHER) NCT 660' FB COMPL. INT. (OTHER) (COEXIST SP. ORDER# 83209/110671/112492 OTHER, SP. ORDER# 97397/112492 OTHER)</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.: ENGLAND 2H-9

Surface Hole Location: 495' FSL - 1250' FWL Gr. Elevation: 1205'

NE/4-SE/4-SW/4-SW/4 Section: 4 Township: 6N Range: 4W I.M.

Bottom Hole Location: 165' FSL - 1650' FWL

SW/4-SE/4-SW/4-SW/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 trees near the West and East edges of pad.



All bearings shown
are grid bearings.



1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°00'59.28"N
Lon: 97°37'52.55"W
Lat: 35.01646702
Lon: -97.63126299
X: 2078911
Y: 612740

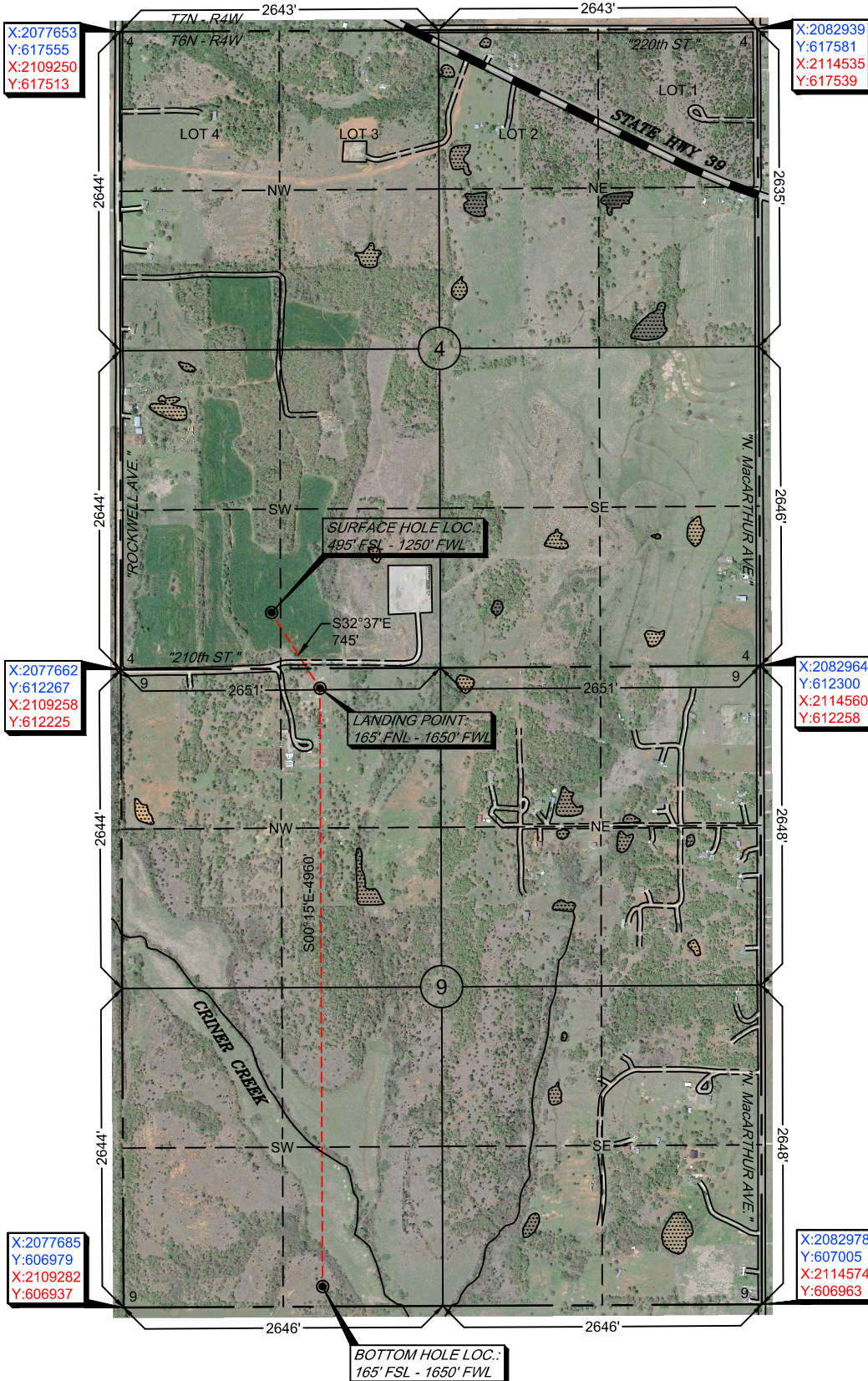
Surface Hole Loc.:
Lat: 35°00'59.03"N
Lon: 97°37'51.42"W
Lat: 35.01639821
Lon: -97.63094973
X: 2110507
Y: 612698

Landing Point:
Lat: 35°00'53.06"N
Lon: 97°37'47.75"W
Lat: 35.01473891
Lon: -97.62992999
X: 2079312
Y: 612112

Landing Point:
Lat: 35°00'52.81"N
Lon: 97°37'46.62"W
Lat: 35.01467005
Lon: -97.62961679
X: 2110909
Y: 612070

Bottom Hole Loc.:
Lat: 35°00'04.00"N
Lon: 97°37'47.70"W
Lat: 35.00111091
Lon: -97.62991685
X: 2079334
Y: 607152

Bottom Hole Loc.:
Lat: 35°00'03.75"N
Lon: 97°37'46.57"W
Lat: 35.00104179
Lon: -97.62960384
X: 2110931
Y: 607110



-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

Arkoma Surveying and Mapping

Surveying & Mapping

Invoice #9311-B

Date Staked: 03/16/2021 By: D.W.

Date Drawn: 03/18/2021 By: J.K.

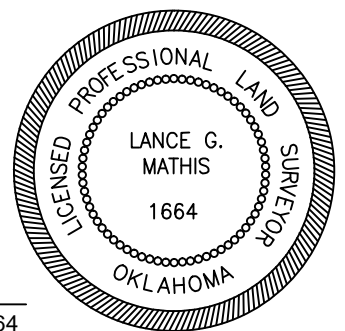
Certification:

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

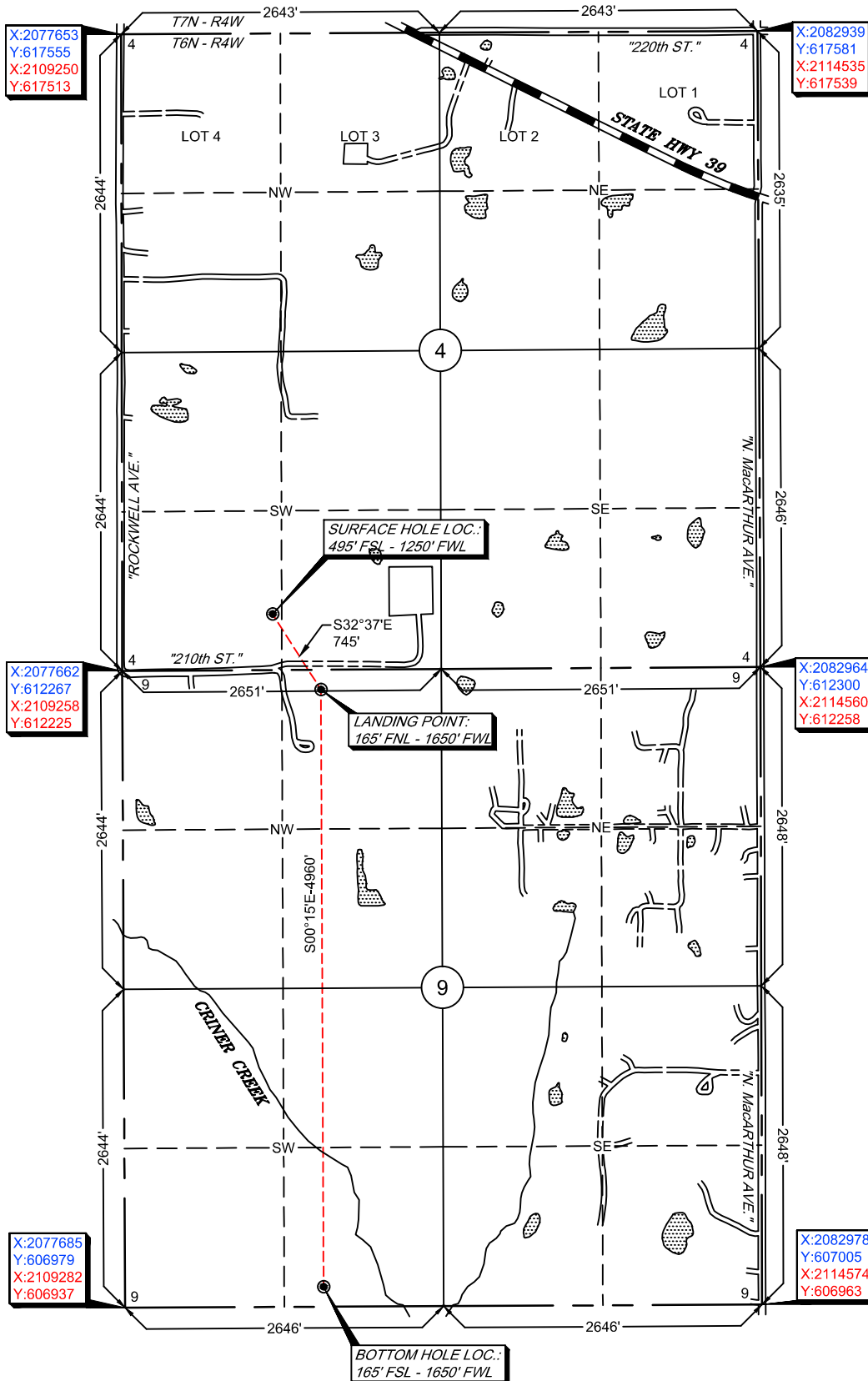
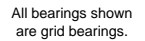
03/19/2021

OK LPLS 1664





Operator: CITIZEN ENERGY, LLC
Lease Name and No.: ENGLAND 2H-9
Surface Hole Location: 495' FSL - 1250' FWL Gr. Elevation: 1205'
NE/4-SE/4-SW/4-SW/4 Section: 4 Township: 6N Range: 4W I.M.
Bottom Hole Location: 165' FSL - 1650' FWL
SW/4-SE/4-SW/4-SW/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 trees near the West and East edges of pad.



Bottom Hole Loc.:
Lat: 35°00'03.75"N
Lon: 97°37'46.57"W
Lat: 35.00104179
Lon: -97.62960384
X: 2110931
Y: 607110

A circular seal for a Professional Land Surveyor. The outer ring contains the text "LICENSED PROFESSIONAL LAND SURVEYOR" at the top and "OKLAHOMA" at the bottom. The inner circle contains the name "LANCE G. MATHIS" and the license number "1664".



Anti-Collision

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

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: ENGLAND 2H-9

Surface Hole Location: 495' FSL - 1250' FWL

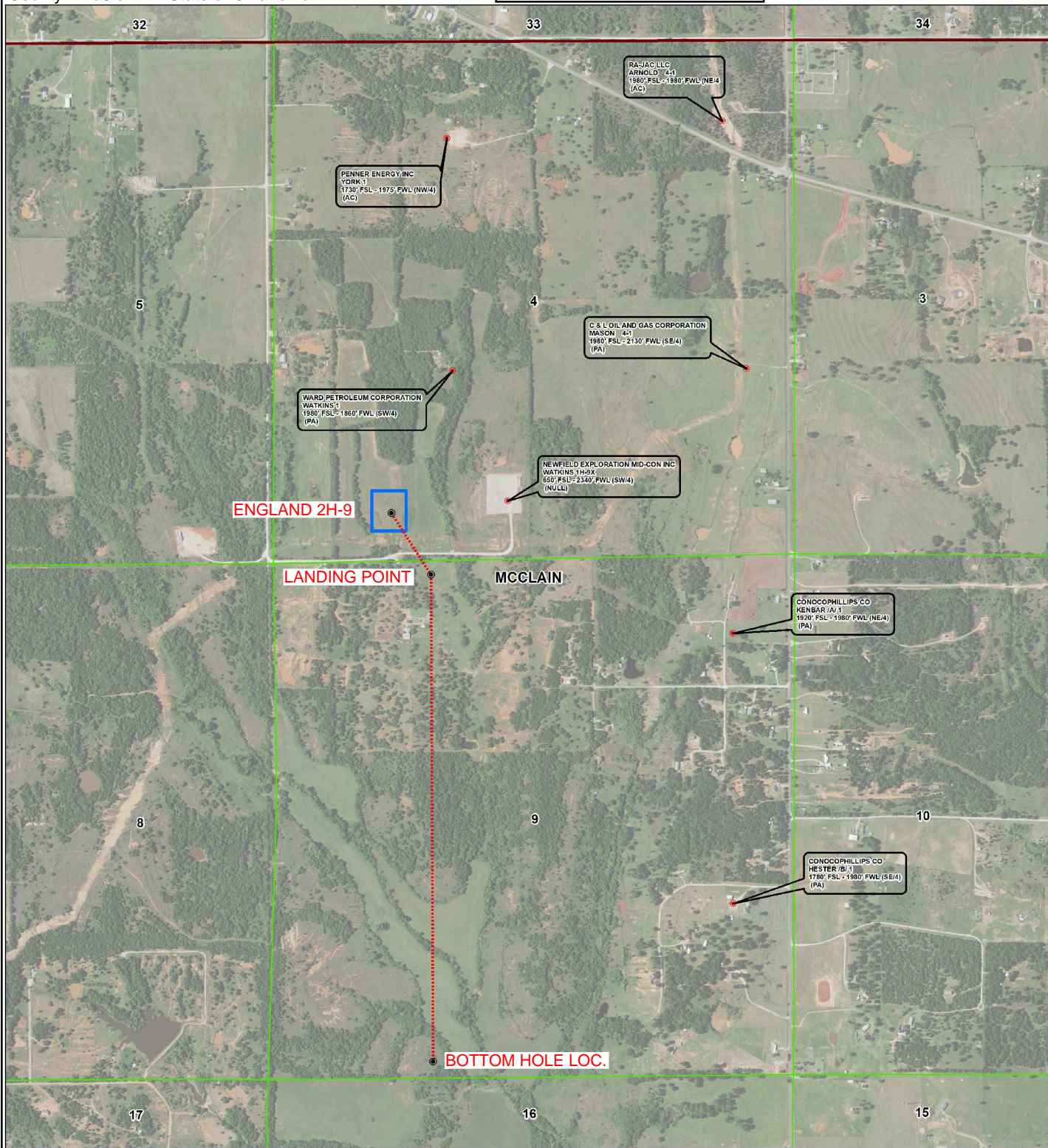
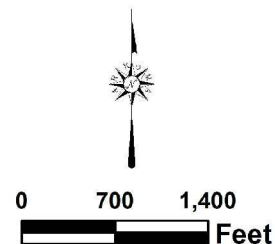
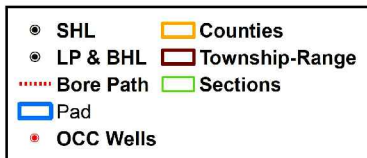
Sec. 4 Twp. 6N Rng. 4W I.M.

Landing Point: 165' FNL - 1650' FWL

Bottom Hole Location: 165' FSL - 1650' FWL

Sec. 9 Twp. 6N Rng. 4W I.M.

County: McClain State of Oklahoma





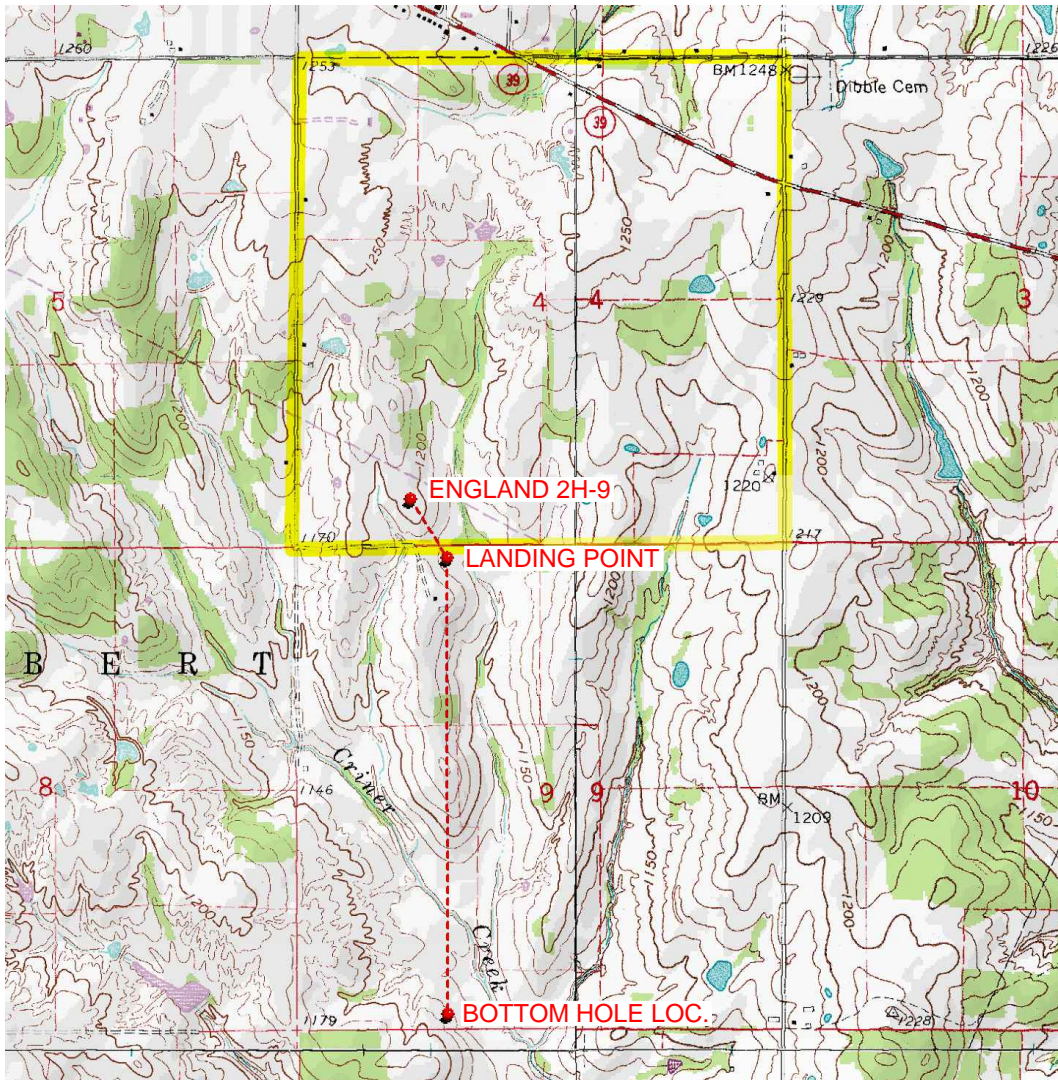
Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: ENGLAND 2H-9
Surface Hole Location: 495' FSL - 1250' FWL
Sec. 4 Twp. 6N Rng. 4W I.M.
Landing Point: 165' FNL - 1650' FWL
Bottom Hole Location: 165' FSL - 1650' FWL
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:
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: 03/16/2021

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 #: 9311-B

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: ENGLAND 2H-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

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