

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

API NUMBER: 051 24244

Approval Date: 01/08/2018

Expiration Date: 07/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 01 Twp: 9N Rge: 7W

County: GRADY

SPOT LOCATION:

FEET FROM QUARTER: FROM NORTH FROM EAST

SECTION LINES: 320 650

Lease Name: ALLIE C

Well No: 1H-1

Well will be 320 feet from nearest unit or lease boundary.

Operator Name: CITIZEN ENERGY II LLC

Telephone: 9189494680

OTC/OCC Number: 23559 0

CITIZEN ENERGY II LLC  
320 S BOSTON AVE STE 900  
TULSA, OK 74103-3729

SHARON HARDESTY  
1454 STATE HIGHWAY 37  
TUTTLE OK 73089

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

	Name	Depth	Name	Depth
1	WOODFORD	11100	6	
2			7	
3			8	
4			9	
5			10	

Spacing Orders: 656722

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 16370

Ground Elevation: 1334

**Surface Casing: 1000**

Depth to base of Treatable Water-Bearing FM: 240

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 17-33676

H. SEE MEMO

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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.

## 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

## HORIZONTAL HOLE 1

Sec 01 Twp 9N Rge 7W County GRADY

Spot Location of End Point: S2 SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 330

Depth of Deviation: 10670

Radius of Turn: 477

Direction: 177

Total Length: 4950

Measured Total Depth: 16370

True Vertical Depth: 11150

End Point Location from Lease,  
Unit, or Property Line: 165

Additional Surface Owner	Address	City, State, Zip
SHARON HARDESTY	1454 STATE HIGHWAY 37	TUTTLE, OK 73089

### Notes:

#### Category

#### Description

#### COMPLETION INTERVAL

1/4/2018 - G57 - COMPLETION INTERVAL FOR THE WOODFORD WILL BE GREATER THAN 165' FNL & FSL; GREATER THAN 330' FEL & FWL OF 1-9N-7W PER OPERATOR

#### DEEP SURFACE CASING

1/4/2018 - G71 - 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

1/4/2018 - G71 - OCC 165:10-3-10 REQUIRES:

1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE;

2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: [OCCWEB.COM/OG/OGFORMS.HTML](http://OCCWEB.COM/OG/OGFORMS.HTML); AND,

3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: [FRACFOCUS.ORG](http://FRACFOCUS.ORG)

#### MEMO

1/4/2018 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

This permit does not address the right of entry or settlement of surface damages.

The duration of this permit is SIX 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 24244 ALLIE C 1H-1

Category

SPACING - 656722

Description

1/4/2018 - G57 - (640)(HOR) 1-9N-7W  
EST WDFD  
POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL



# Well Location Plat

Sec. 1-9N-7W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: ALLIE C 1H-1

API: 051 24244

Footage: 320' FNL - 650' FEL Gr. Elevation: 1334'

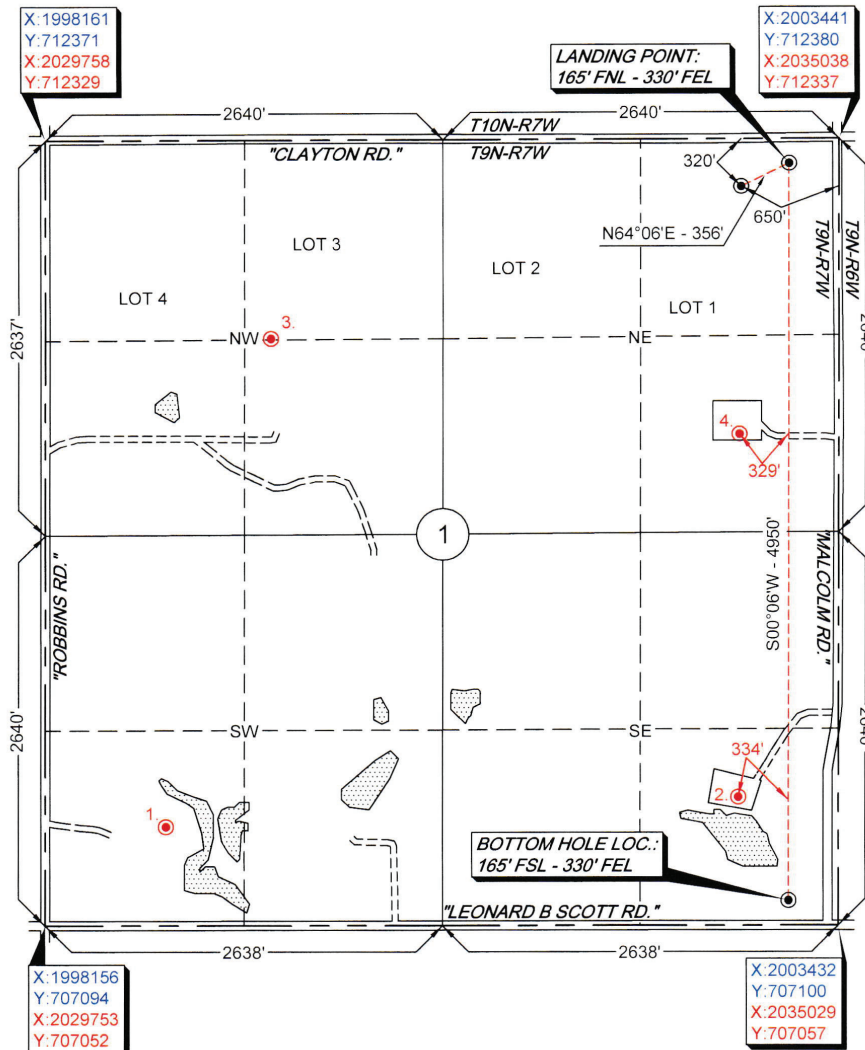
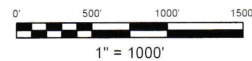
Section: 1 Township: 9N Range: 7W I.M.

County: Grady State of Oklahoma

Terrain at Loc.: Location fell in a partially flat but wide open pasture with a pipeline running E-W at North edge of location.



All bearings shown  
are grid bearings



GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°17'23.40"N  
Lon: 97°53'06.37"W  
Lat: 35.28983451  
Lon: -97.88510332  
X: 2002790  
Y: 712058

Surface Hole Loc.:  
Lat: 35°17'23.19"N  
Lon: 97°53'05.21"W  
Lat: 35.28977385  
Lon: -97.88478032  
X: 2034388  
Y: 712016

Landing Point:  
Lat: 35°17'24.94"N  
Lon: 97°53'02.51"W  
Lat: 35.29026079  
Lon: -97.88402965  
X: 2003111  
Y: 712214

Landing Point:  
Lat: 35°17'24.72"N  
Lon: 97°53'01.34"W  
Lat: 35.29020014  
Lon: -97.88370667  
X: 2034708  
Y: 712172

Bottom Hole Loc.:  
Lat: 35°16'35.99"N  
Lon: 97°53'02.67"W  
Lat: 35.27666272  
Lon: -97.88407593  
X: 2003102  
Y: 707264

Bottom Hole Loc.:  
Lat: 35°16'35.77"N  
Lon: 97°53'01.51"W  
Lat: 35.27660161  
Lon: -97.88375308  
X: 2034700  
Y: 707222

1. WESTERN OIL & GAS DEVELOPMENT  
COOK 1-1  
660' FSL - 800' FWL (SW/4)  
OCC STATUS: PA

2. MEWBOURNE OIL COMPANY  
ERICA ELIZABETH "1" 1  
860' FSL - 1974' FWL (SE/4)  
OCC STATUS: AC

3. MEWBOURNE OIL COMPANY  
HARDESTY "1" 1  
1320' FSL - 1495' FWL (NW/4)  
OCC STATUS: PA

4. MEWBOURNE OIL COMPANY  
MCMURTRY "1" 1  
660' FSL - 1980' FWL (NE/4)  
OCC STATUS: PA

\*NOTE\*  
ALL ANTI-COLLISION INFORMATION SHOWN  
HEREON WAS PROVIDED BY THE OCC WEBSITE  
WELLS HAVE NOT BEEN SHOT ON THE GROUND

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, 2018

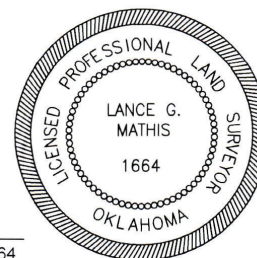
## Certification:

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

10/05/17

OK LPLS 1664



Invoice #7383-A

Date Staked: 09/25/17

By: J.L.

Date Drawn: 09/29/17

By: K.B.