

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

API NUMBER: 017 25053

Approval Date: 08/09/2017  
Expiration Date: 02/09/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 11N Rge: 6W

County: CANADIAN

SPOT LOCATION:  NW  NW  NW  NW

FEET FROM QUARTER: FROM NORTH FROM WEST

SECTION LINES: 270 270

Lease Name: BENDA

Well No: 1H-27

Well will be 270 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 1300  
TULSA, OK 74103-4702

PAUL BENDA AND NANCY NOVOSAD  
6312 S. GREGORY ROAD  
EL RENO OK 73036

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	9000	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 654420

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201704988

Special Orders:

Total Depth: 14270

Ground Elevation: 1358

**Surface Casing: 1000**

Depth to base of Treatable Water-Bearing FM: 480

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

**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

Approved Method for disposal of Drilling Fluids:

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

PERMIT NO: 17-32942

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: 60000 Average: 50000

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

HORIZONTAL HOLE 1

Sec 27 Twp 11N Rge 6W County CANADIAN

Spot Location of End Point: S2 SW SW SW

Feet From: SOUTH 1/4 Section Line: 165

Feet From: WEST 1/4 Section Line: 330

Depth of Deviation: 8575

Radius of Turn: 477

Direction: 178

Total Length: 4946

Measured Total Depth: 14270

True Vertical Depth: 9050

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

Notes:

Category

Description

DEEP SURFACE CASING

8/7/2017 - G58 - 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

8/7/2017 - G58 - 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: [HTTP://WWW.OCCWEB.COM/OG/OGFORMS.HTML](http://www.occeweb.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 [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/)

MEMO

8/7/2017 - G58 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201704988

8/8/2017 - G64 - (E.O.) 27-11N-6W  
X654420 MSSP  
COMPL. INT. NCT 165' FNL, NCT 165' FSL, NCT 330' FWL  
CITIZEN ENERGY II, LLC  
REC. 8-7-2017 (JOHNSON)

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.

Category

Description

SPACING - 654420

8/8/2017 - G64 - (640)(HOR) 27-11N-6W  
EST MSSP, OTHER  
POE TO BHL NCT 660' FB  
(COEXIST SP. ORDER 274674 KDRK)

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.



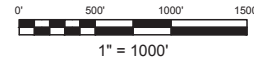
# Well Location Plat

Sec. 27-11N-6W I.M.

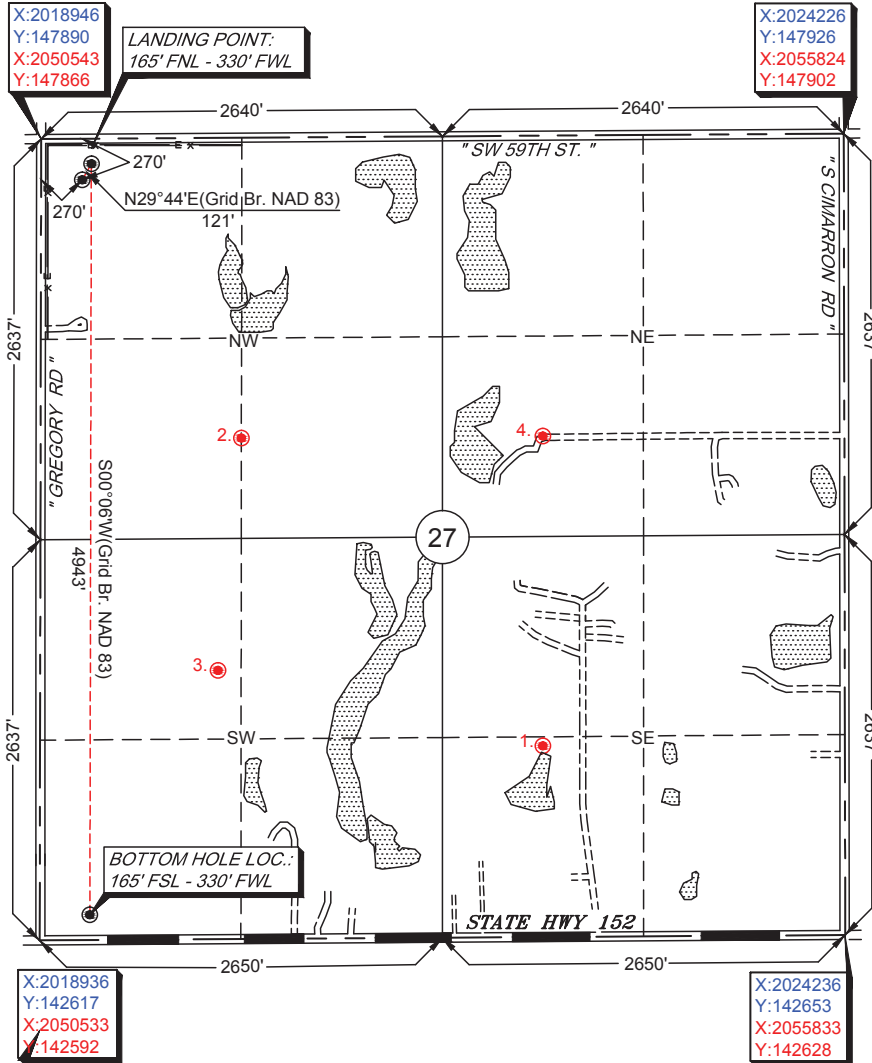
Operator : CITIZEN ENERGY, LLC  
 Lease Name and No. : BENDA 1H-27  
 Footage : 270' FNL - 270' FWL Gr. Elevation : 1358'  
 Section : 27 Township : 11N Range : 6W I.M.  
 County : Canadian State of Oklahoma  
 Terrain at Loc. : Location fell in open field, cultivated field +/- 25' South and East of fences & aerial power lines.



All bearings shown are grid bearings.



## API: 017 25053



GPS DATUM  
 NAD 83  
 NAD 27  
 OK NORTH ZONE

Surface Hole Loc.:  
 Lat: 35°24'19.47"N  
 Lon: 97°49'47.39"W  
 Lat: 35.40540914  
 Lon: -97.82982963  
 X: 2019215  
 Y: 147622

Surface Hole Loc.:  
 Lat: 35°24'18.27"N  
 Lon: 97°49'46.22"W  
 Lat: 35.40535174  
 Lon: -97.82950686  
 X: 2050813  
 Y: 147598

Landing Point:  
 Lat: 35°24'20.51"N  
 Lon: 97°49'46.66"W  
 Lat: 35.40569840  
 Lon: -97.82962698  
 X: 2019275  
 Y: 147728

Landing Point:  
 Lat: 35°24'20.31"N  
 Lon: 97°49'45.50"W  
 Lat: 35.40564102  
 Lon: -97.82930420  
 X: 2050873  
 Y: 147703

Bottom Hole Loc.:  
 Lat: 35°23'31.63"N  
 Lon: 97°49'46.88"W  
 Lat: 35.39211860  
 Lon: -97.82968782  
 X: 2019266  
 Y: 142784

Bottom Hole Loc.:  
 Lat: 35°23'31.42"N  
 Lon: 97°49'45.71"W  
 Lat: 35.39206076  
 Lon: -97.82936517  
 X: 2050863  
 Y: 142760

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

1. CHAPARRAL ENERGY BROWN 1-27 660' FSL - 660' FWL (SE/4) OCC STATUS: PA	2. CHAPARRAL ENERGY BENDA 1-27 660' FSL - 1320' FWL (NW/4) OCC STATUS: PA
3. CHAPARRAL ENERGY MOSIER 1 1170' FSL - 1170' FWL (SW/4) OCC STATUS: PA	4. CHESAPEAKE OPERATING GUTIERREZ 660' FSL - 660' FWL (NE/4) OCC STATUS: PA

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.

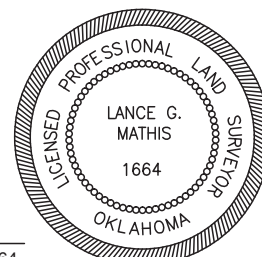
survey and plat by,  
 Arkoma Surveying and Mapping, PLLC  
 P.O. Box 238 Wilburton, OK 74578  
 Ph. 918-465-5711 Fax 918-465-5030  
 Certificate of Authorization No. 5348  
 Expires June 30, 2018

### 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

07/20/17  
 OK LPLS 1664



Invoice #7243-A  
 Date Staked : 07/17/17 By : C.K.  
 Date Drawn : 07/18/17 By : K.B.