

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

API NUMBER: 039 22577

Approval Date: 05/02/2019

Expiration Date: 11/02/2020

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 17 Twp: 14N Rge: 15W County: CUSTER

SPOT LOCATION: ☐ SW ☐ NW ☐ NW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2190 310

Lease Name: LANCET

Well No: 2H-17-20

Well will be 310 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

JACK STACY LANCET
P.O. BOX 5
THOMAS OK 73669

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	14000	6	
2	WOODFORD	14800	7	
3			8	
4			9	
5			10	

Spacing Orders: 681955

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201807452
201807453
201807454
201807455
201807456

Special Orders:

Total Depth: 21876

Ground Elevation: 1699

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 390

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: 8000 Average: 5000

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: RUSH SPRINGS

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

PERMIT NO: 19-36523

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 BED AQUIFER

Pit Location Formation: RUSH SPRINGS

HORIZONTAL HOLE 1

Sec 20 Twp 14N Rge 15W County CUSTER

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: 13825

Radius of Turn: 477

Direction: 179

Total Length: 7301

Measured Total Depth: 21876

True Vertical Depth: 14800

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

Additional Surface Owner	Address	City, State, Zip
JACK STACY LANCET	P.O. BOX 5	THOMAS, OK 73669

Notes:

Category

Description

DEEP SURFACE CASING

4/29/2019 - 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

4/29/2019 - 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; 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

MEMO

4/29/2019 - 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.

039 22577 LANCET 2H-17-20

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
PENDING CD - 201807452	4/29/2019 - G56 - (640)(HOR) 20-14N-15W VAC 120632 CSTR, MRMC*** EST MSSP, WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) MCT 165' FNL & FSL, NCT 330' FEL & FWL REC 4/16/2019 (MOORE) ***PER ATTORNEY FOR OPERATOR
PENDING CD - 201807453	4/29/2019 - G56 - (I.O.) 17 & 20-14N-15W ESTABLISH MULTIUNIT HORIZONTAL WELL X201807452 20-14N-15W X681955 17-14N-15W (WDFD IS AN ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 33% 17-14N-15W 67% 20-14N-15W NO OP NAMED REC 4/16/2019 (MOORE)
PENDING CD - 201807454	4/29/2019 - G56 - (I.O.) 17 & 20-14N-15W X201807452 20-14N-15W X681955 17-14N-15W COMPL INT (17-14N-15W) NCT 1320' FNL, NCT 0' FSL, NCT 330' FWL COMPL INT (20-14N-15W) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL NO OP NAMED REC 4/16/2019 (MOORE)
PENDING CD - 201807455	4/29/2019 - G56 - 17-14N-15W X681955 MSSP, WDFD 1 WELL CITIZEN ENERGY III, LLC REC 4/16/2019 (MOORE)
PENDING CD - 201807456	4/29/2019 - G56 - (I.O.) 17-14N-15W X165:10-3-28(C)(2)(B) MSSP, WDFD MAY BE CLOSER THAN 600' TO LANCET 1H-17-8 WELL NO OP NAMED REC 4/16/2019 (MOORE)
SPACING - 681955	4/29/2019 - G56 - (640)(HOR) 17-14N-15W VAC 120632 CSTR, MRMC EST MSSP, WDFD POE TO BHL (MSSP) NCT 660' FB POE TO BHL (WDFD) NCT 165' FNL & FSL, NCT 330' FEL & FWL
SURFACE CASING	4/29/2019 - G71 - MIN. 500' PER ORDER 42589



Well Location Plat

S.H.L. Sec. 17-14N-15W I.M.
B.H.L. Sec. 20-14N-15W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: LANCET 2H-17-20
Footage: 2190' FSL - 310' FWL Gr. Elevation: 1699'
Section: 17 Township: 14N Range: 15W I.M.
County: Custer State of Oklahoma
Terrain at Loc.: Location fell in an open wheat field, sloping down to the North.



All bearings shown
are grid bearings.



1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°41'16.96"N
Lon: 98°49'34.43"W
Lat: 35.68804441
Lon: -98.82623189
X: 1723140
Y: 251504

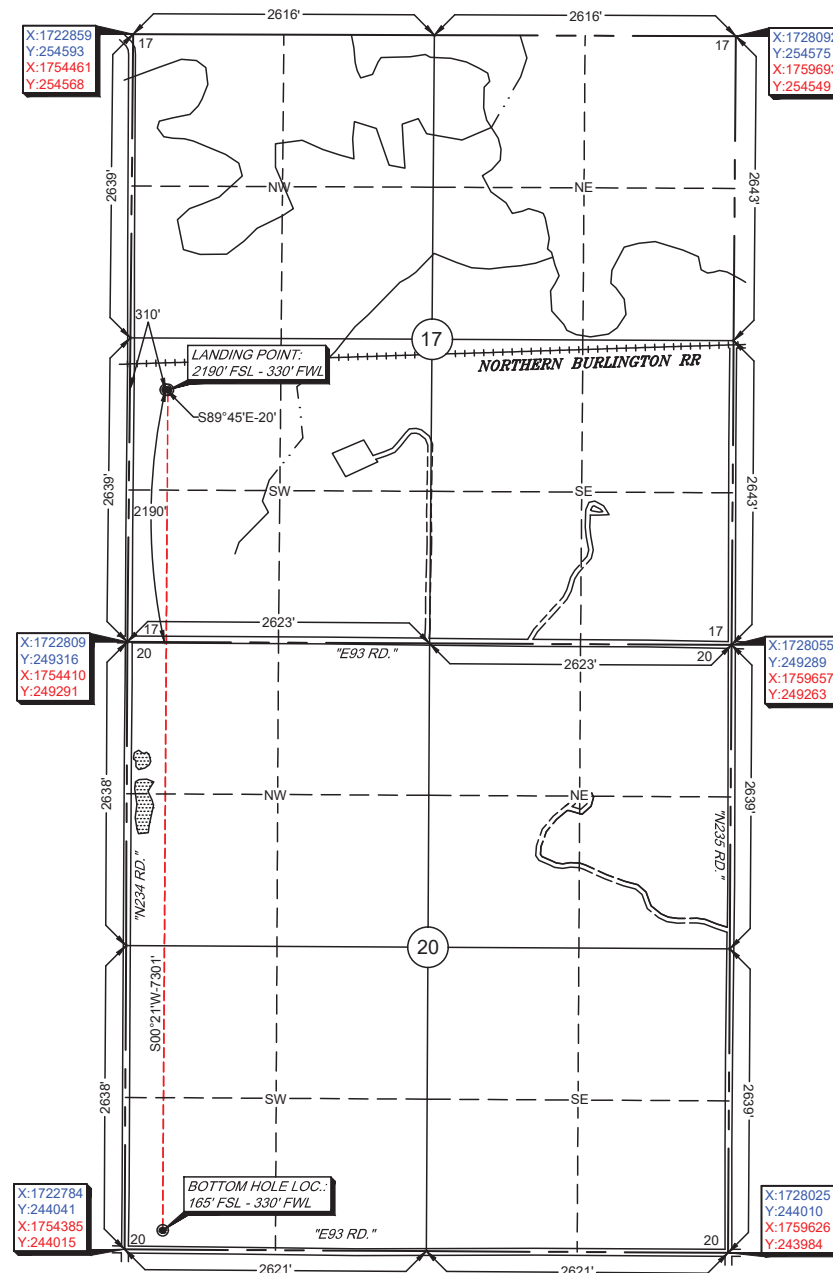
Surface Hole Loc.:
Lat: 35°41'16.78"N
Lon: 98°49'33.13"W
Lat: 35.68799515
Lon: -98.82586924
X: 1754741
Y: 251479

Landing Point:
Lat: 35°41'16.96"N
Lon: 98°49'34.19"W
Lat: 35.68804464
Lon: -98.82616453
X: 1723160
Y: 251504

Landing Point:
Lat: 35°41'16.78"N
Lon: 98°49'32.89"W
Lat: 35.68799538
Lon: -98.82580189
X: 1754761
Y: 251479

Bottom Hole Loc.:
Lat: 35°40'04.76"N
Lon: 98°49'33.99"W
Lat: 35.66798795
Lon: -98.82610710
X: 1723114
Y: 244204

Bottom Hole Loc.:
Lat: 35°40'04.58"N
Lon: 98°49'32.68"W
Lat: 35.66793841
Lon: -98.82574517
X: 1754716
Y: 244178



-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, 2020

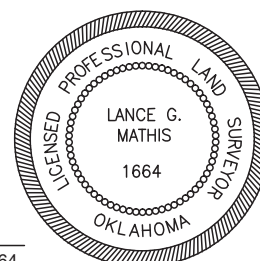
Certification:

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

07/11/18

OK LPLS 1664



Invoice #7958-B

Date Staked: 06/29/18 By: H.S.

Date Drawn: 07/05/18 By: K.B.