API NUMBER: 017 25621 A

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

Approval Date: 04/16/2020
Expiration Date: 10/16/2021

Multi Unit Oil & Gas

Amend reason: OCC CORRECTION - UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 08 Township: 11N Range: 8W County: CANADIAN

SPOT LOCATION: NW NW NE NE FEET FROM QUARTER: FROM **NORTH** FROM **EAST**
SECTION LINES: **260** **1020**

Lease Name: **REUTER TRUST** **Well No:** **1H-8-17** **Well will be** **260** **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

BARBARA ANN REUTER
16403 RENO AVENUE WEST
EL RENO OK 73036

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

	Name	Code	Depth
1	WOODFORD	319WDFD	11900

Spacing Orders: 138433
710630

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Special Orders: No Special Orders

Pending CD Numbers: 202000941
202000938
202000942
202000943

Total Depth: 22427 Ground Elevation: 1384 **Surface Casing: 1000** Depth to base of Treatable Water-Bearing FM: 440

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: 20-37341
H. 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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C
Liner not required for Category: C
Pit Location is: NON HSA
Pit Location Formation: DOG CREEK

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: C
Liner not required for Category: C
Pit Location is: NON HSA
Pit Location Formation: DOG CREEK

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.

MULTI UNIT HOLE 1

Section: 17	Township: 11N	Range: 8W	Total Length: 10204
	County: CANADIAN		Measured Total Depth: 22427
Spot Location of End Point: S2	S2	SW SE	True Vertical Depth: 11950
Feet From: **SOUTH**	1/4 Section Line: 165		End Point Location from
Feet From: **EAST**	1/4 Section Line: 1980		Lease,Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	4/13/2020 - 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	4/13/2020 - 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: 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: FRACFOCUS.ORG
MEMO	4/13/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000938	4/16/2020 - GC2 - (E.O.) 8 & 17-11N-8W X202000001 WDFD 8-11N-8W X138433 WDFD 17-11N-8W COMPL. INT. (17-11N-8W) NCT 165' FSL, NCT 0' FNL, NCT 330' FEL COMPL. INT. (8-11N-8W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL CITIZEN ENERGY III, LLC REC. 4-10-2020 (MOORE)
PENDING CD - 202000941	4/16/2020 - GC2 - (E.O.) 8 & 17-11N-8W EST MULTIUNIT HORIZONTAL WELL X202000001 WDFD 8-11N-8W X138433 WDFD 17-11N-8W 50% 8-11N-8W 50% 17-11N-8W CITIZEN ENERGY III, LLC REC. 4-10-2020 (MOORE)
PENDING CD - 202000942	4/16/2020 - GC2 - (E.O.) 17-11N-8W X138433 WDFD 2 WELLS CITIZEN ENERGY III, LLC REC. 4-10-2020 (MOORE)
PENDING CD - 202000943	4/16/2020 - GC2 - (E.O.) 8-11N-8W X138433*** WDFD 2 WELLS CITIZEN ENERGY III, LLC REC. 4-10-2020 (MOORE) S/B X710630; WILL BE FIXED AT HEARING PER ATTORNEY FOR OPERATOR.
SPACING - 138433	4/16/2020 - GC2 - (640) 8 & 17-11N-8W EST WDFD, OTHER
SPACING - 710630 (202000001)	4/16/2020 - GC2 - (640)(HOR) 8-11N-8W EST WDFD COMPL. INT. NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST SPACING NUMBER 138433 WDFD)

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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.

Well Location Plat

S.H.L. Sec. 8-11N-8W I.M.
B.H.L. Sec. 17-11N-8W I.M.

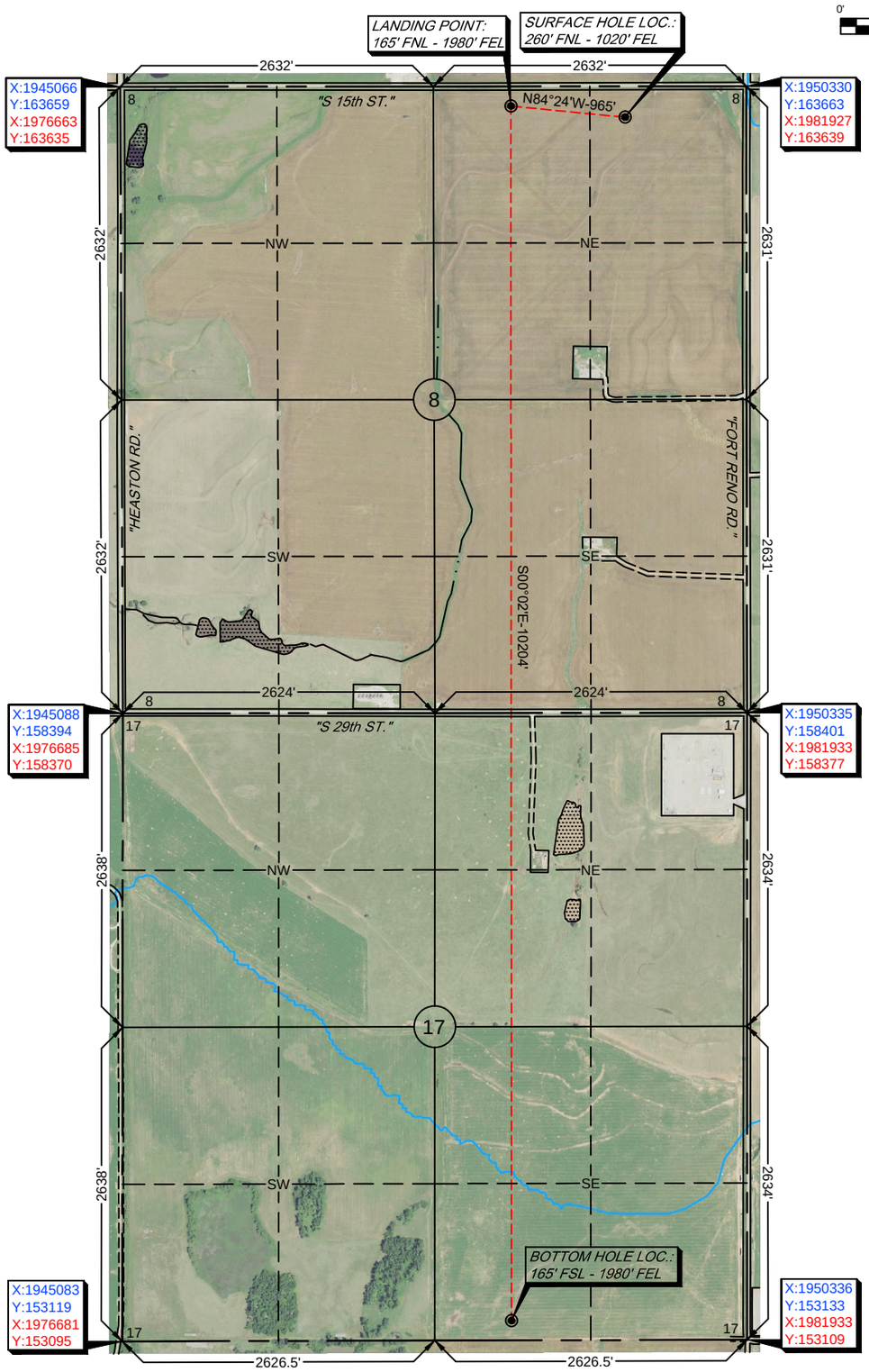
Operator: CITIZEN ENERGY, LLC
Lease Name and No.: REUTER TRUST 1H-8-17 ALT
Footage: 260' FNL - 1020' FEL Gr. Elevation: 1384'
Section: 8 Township: 11N Range: 8W I.M.
County: Canadian State of Oklahoma
Terrain at Loc.: Location fell in an open cultivated field.

API: 017-25621A

All bearings shown are grid bearings.

0' 660' 1320' 1980'

1" = 1320'



GPS DATUM
NAD 83
NAD 27
OK NORTH ZONE

Surface Hole Loc.:	
Lat:	35°26'55.91"N
Lon:	98°03'51.93"W
Lat:	35.44886415
Lon:	-98.06442556
X:	1949310
Y:	163402
Surface Hole Loc.:	
Lat:	35°26'55.72"N
Lon:	98°03'50.75"W
Lat:	35.44881035
Lon:	-98.06409637
X:	1980908
Y:	163378
Landing Point:	
Lat:	35°26'56.84"N
Lon:	98°04'03.54"W
Lat:	35.44912110
Lon:	-98.06764908
X:	1948350
Y:	163497
Landing Point:	
Lat:	35°26'56.64"N
Lon:	98°04'02.35"W
Lat:	35.44906731
Lon:	-98.06731979
X:	1979947
Y:	163472
Bottom Hole Loc.:	
Lat:	35°25'15.92"N
Lon:	98°04'03.38"W
Lat:	35.42108884
Lon:	-98.06760494
X:	1948356
Y:	153292
Bottom Hole Loc.:	
Lat:	35°25'15.72"N
Lon:	98°04'02.19"W
Lat:	35.42103415
Lon:	-98.06727602
X:	1979953
Y:	153268

-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

Invoice #8909-A-A
Date Staked: 12/12/19 By: S.O.
Date Drawn: 12/16/19 By: J.C.

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.

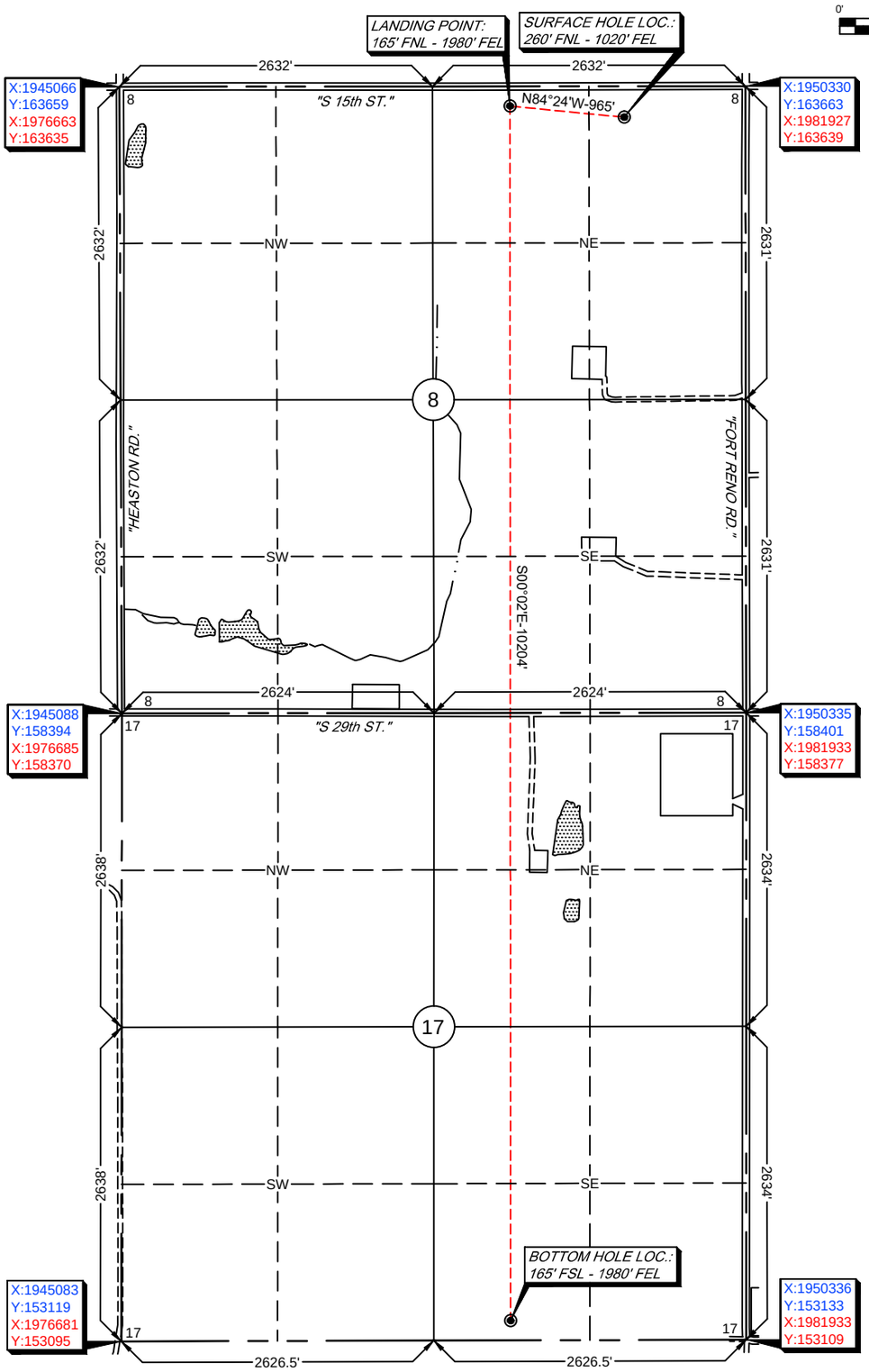
LANCE G. MATHIS 12/17/19
OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

Well Location Plat

S.H.L. Sec. 8-11N-8W I.M.
B.H.L. Sec. 17-11N-8W I.M.

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LANCE G. MATHIS 12/17/19
LANCE G. MATHIS OK LPLS 1664

LICENSED PROFESSIONAL LAND SURVEYOR
LANCE G. MATHIS
1664
OKLAHOMA

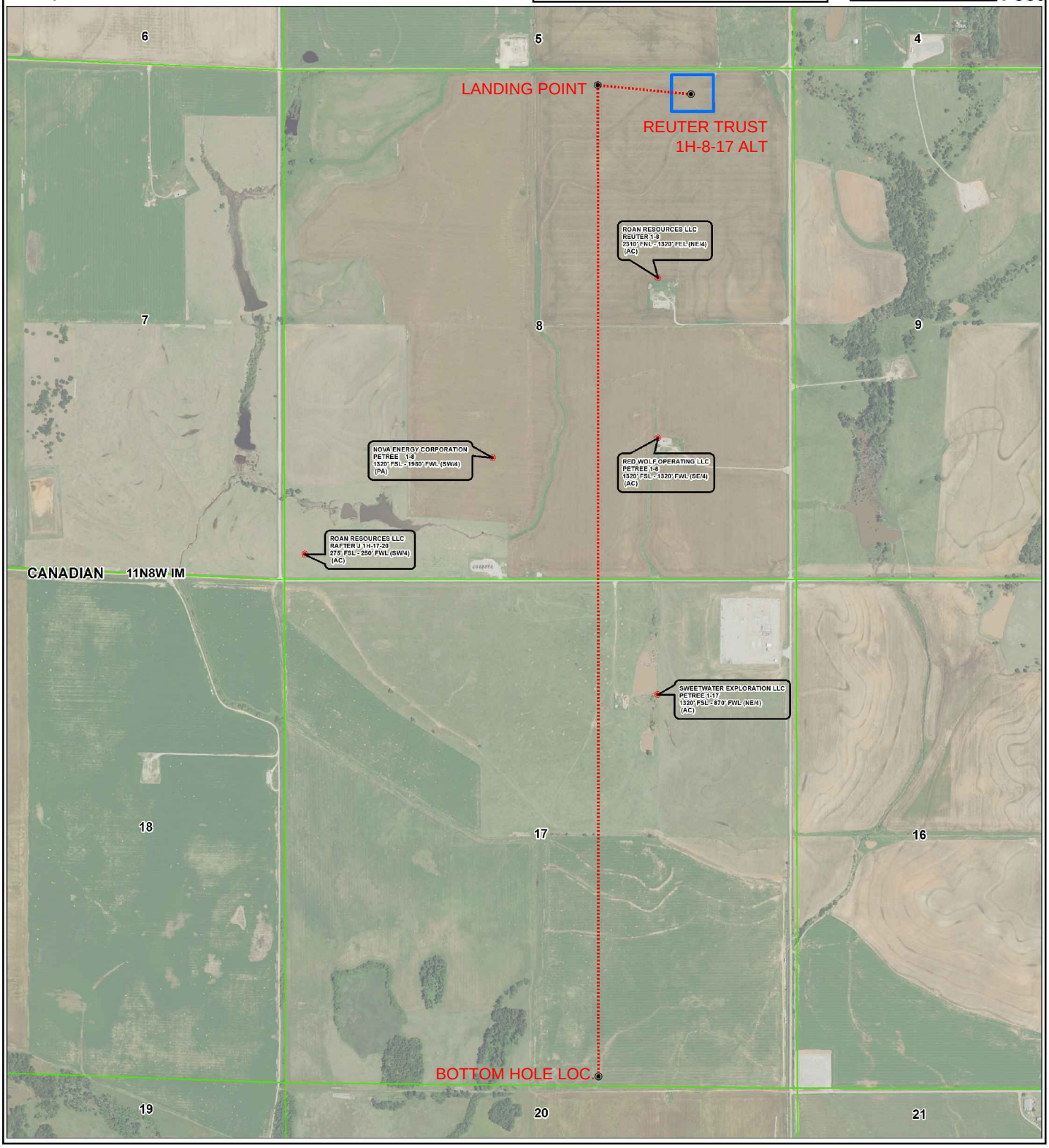
Anti-Collision

Sec. 8-11N-8W I.M.

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: REUTER TRUST 1H-8-17 ALT
Surface Hole Location: 260' FNL - 1020' FEL
Landing Point: 165' FNL - 1980' FEL
Sec. 8 Twp. 11N Rng. 8W I.M.
Bottom Hole Location: 165' FSL - 1980' FEL
Sec. 17 Twp. 11N Rng. 8W I.M.
County: Canadian State of Oklahoma

SHL, LP, & BHL
Bore Path
Pad
OCC Wells
Counties
Township-Range
Sections

0 750 1,500 Feet

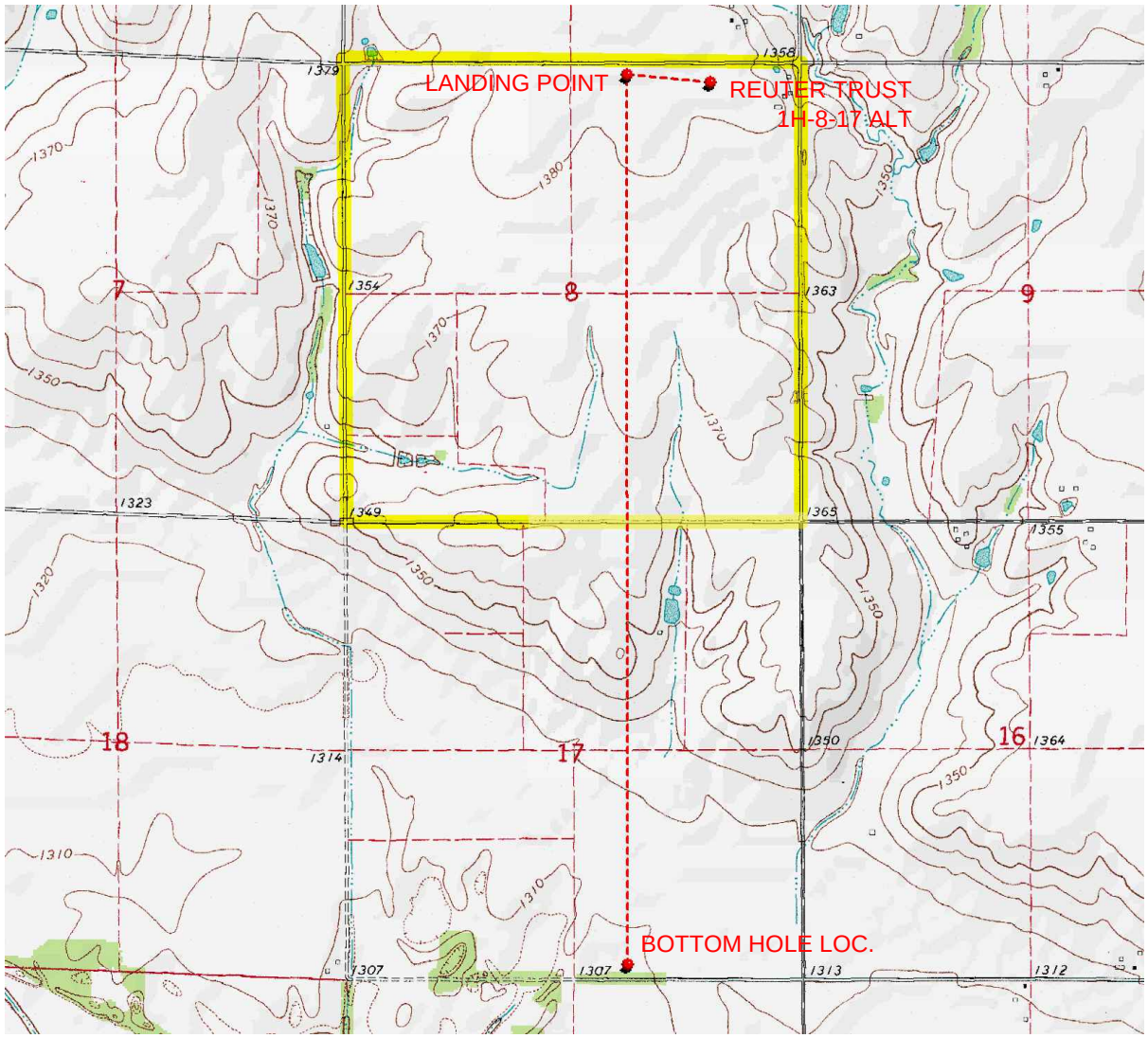


Topographic Vicinity Map

Operator: CITIZEN ENERGY, LLC
Lease Name and No.: REUTER TRUST 1H-8-17 ALT
Surface Hole Location: 260' FNL - 1020' FEL
Landing Point: 165' FNL - 1980' FEL
Sec. 8 Twp. 11N Rng. 8W I.M.
Bottom Hole Location: 165' FSL - 1980' FEL
Sec. 17 Twp. 11N Rng. 8W I.M.
County: Canadian State of Oklahoma

Ground Elevation at Surface Hole Location: 1384'

Scale 1" = 2000'
Contour Interval: 10'



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, 2020

Date Staked: 12/12/19

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 #: 8909-A-A
Operator: CITIZEN ENERGY, LLC
Lease Name and No.: REUTER TRUST 1H-8-17 ALT
Accessibility: From the South.
Directions: From the junction of State HWY 152 & US HWY 81 in the town of Union City, OK, go 3.9 miles West on "Pine St/74th St SW", 4.0 miles North on "S Airport Rd", then go 3.1 miles West on "15th St SW" to the Northeast Quarter of Section 8-11N-8W on the South side of the road.

1 inch = 1.25 mile

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, 2020



JENSEN RD W
W JENSEN RD
E1050 RD
JENSEN RD
REUTER RD W
RENO RD W
E1070 RD
E1130 RD
CO RD 1140
CO RD 1150
N280 RD
S AIRPORT RD
N2810 RD
S COURTNEY RD
S HEASTON RD
S BRANDLEY RD
S CHILES RD
S FORT RENO RD
S AIR PORT RD
S REFORMATORY RD
S COUNTRY CLUB RD
UNITED STATES HIGHWAY 81
N2830 RD
N2820 RD
N2750 RD
N CO RD 2750
CO RD 2790

12N7W IM
12N8W IM
11N7W IM
11N8W IM
10N8W IM
10N7W IM

REUTER TRUST
1H-8-17 ALT

Union City