

API NUMBER: 017 25625

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

Approval Date: 06/15/2020

Expiration Date: 12/15/2021

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 11N Range: 7W County: CANADIAN

SPOT LOCATION: ☐ NW ☐ SW ☐ SE ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 340 1145

Lease Name: LOVES Well No: 2H-21-16 Well will be 340 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

BILLY JOE AND CATHERINE EUBANKS LIVING TRUST (BILLY JOE
AND CATHERINE EUBANKS CO-TRUSTEES
4608 CYPERT RD
YUKON OK 73099

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	10325
2	WOODFORD	319WDFD	10575

Spacing Orders: 653390
705459

Location Exception Orders: 705460

Increased Density Orders: 711304
711305

Pending CD Numbers: No Pending

Special Orders: No Special Orders

Total Depth: 20774

Ground Elevation: 1348

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 370

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: 20-37364

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: 16 Township: 11N Range: 7W Total Length: 10251
 County: CANADIAN Measured Total Depth: 20774
 Spot Location of End Point: NW NW NE NE True Vertical Depth: 10575
 Feet From: **NORTH** 1/4 Section Line: 165 End Point Location from
 Feet From: **EAST** 1/4 Section Line: 1155 Lease, Unit, or Property Line: 165

Additional Surface Owner(s)	Address	City, State, Zip
MARY ANN VOSS REVOCABLE	1211 N. GREGORY RD	YUKON, OK 73099
ALOIS AND THOMAS J TABOREK	11900 N. GREGORY RD	YUKON, OK 73099

NOTES:

Category	Description
DEEP SURFACE CASING	6/5/2020 - 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	6/5/2020 - 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: 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
INCREASED DENSITY – 711304 (202000866)	6/12/2020 - GB6 - 16-11N-7W X653390 WDFD 1 WELL NO OP NAMED 03/05/2020
INCREASED DENSITY – 711305 (202000867)	6/12/2020 - GB6 - 21-11N-7W X653390 WDFD 1 WELL NO OP NAMED 03/05/2020
LOCATION EXCEPTION – 705460 (201904340)	6/12/2020 - GB6 - (I.O.) 16 & 21 -11N-7W X653390 MSSP, WDFD COMPL. INT. (21-11N-7W) NCT 150' FSL, NCT 0' FNL, NCT 660' FEL COMPL. INT. (16-11N-7W) NCT 0' FSL, NCT 150' FNL, NCT 660' FEL ROAN RESOURCES, LLC (ROAN RESOURCES, LLC BOUGHT IN ITS ENTIRETY BY CITIZEN ENERGY III LLC) 11/21/2019
MEMO	6/5/2020 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING – 653390	6/12/2020 - GB6 - (640)(HOR) 16, 21 -11N-7W EST MSSP, WDFD COMPL. INT. (MSSP) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL
SPACING – 705459 (201904339)	6/12/2020 - GB6 - (I.O.) 16 & 21 -11N-7W EST MULTIUNIT HORIZONTAL WELL X653390 MSSP, WDFD (MSSP ADJACENT COMMON SOURCES OF SUPPLY TO WDFD) 48% 16-11N-7W 52% 21-11N-7W ROAN RESOURCES, LLC (ROAN RESOURCES, LLC BOUGHT IN ITS ENTIRETY BY CITIZEN ENERGY III LLC) 11/21/2019

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017 25625 LOVES 2H-21-16



Well Location Plat

S.H.L. Sec. 21-11N-7W I.M.
B.H.L. Sec. 16-11N-7W I.M.

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: LOVES 2H-21-16

Surface Hole Location: 340' FSL - 1145' FEL Gr. Elevation: 1348.5'

NW/4-SW/4-SE/4-SE/4 Section: 21 Township: 11N Range: 7W I.M.

Bottom Hole Location: 165' FNL - 4147' FWL (1155' FEL)

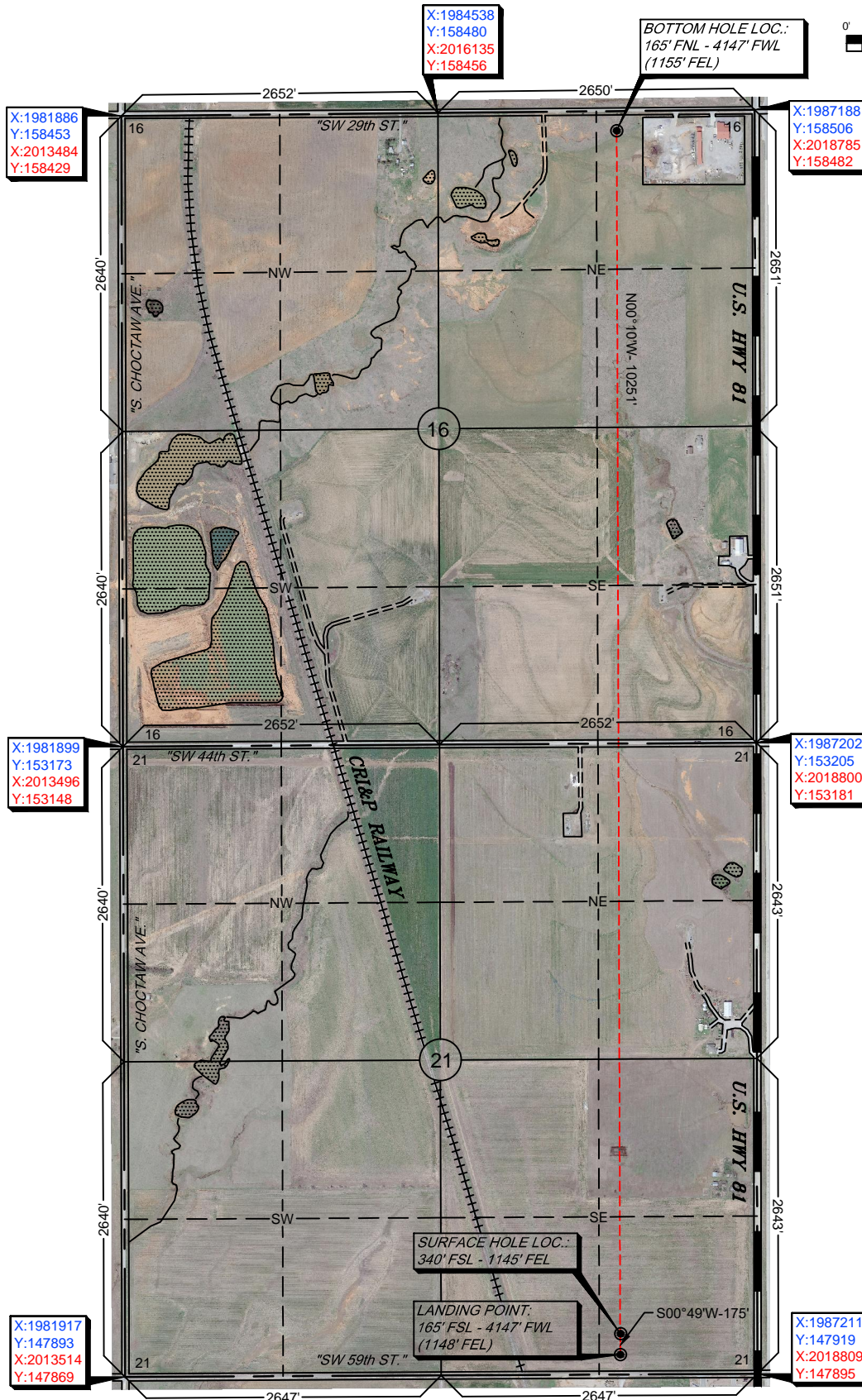
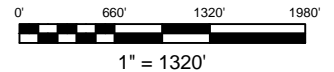
NW/4-NW/4-NE/4-NE/4 Section: 16 Township: 11N Range: 7W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell on existing level pad site.



All bearings shown
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 35°24'26.10"N

Lon: 97°56'27.81"W

Lat: 35.40725125

Lon: -97.94105888

X: 1986066

Y: 148254

Surface Hole Loc.:

Lat: 35°24'25.90"N

Lon: 97°56'26.64"W

Lat: 35.40719514

Lon: -97.94073341

X: 2017663

Y: 148229

Landing Point:

Lat: 35°24'24.37"N

Lon: 97°56'27.84"W

Lat: 35.40677070

Lon: -97.94106764

X: 1986063

Y: 148079

Landing Point:

Lat: 35°24'24.17"N

Lon: 97°56'26.67"W

Lat: 35.40671458

Lon: -97.94074219

X: 2017661

Y: 148054

Bottom Hole Loc.:

Lat: 35°26'05.76"N

Lon: 97°56'28.13"W

Lat: 35.43493210

Lon: -97.94114628

X: 1986033

Y: 158330

Bottom Hole Loc.:

Lat: 35°26'05.56"N

Lon: 97°56'26.95"W

Lat: 35.43487693

Lon: -97.94082053

X: 2017631

Y: 158306

-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.

Invoice #9059-B

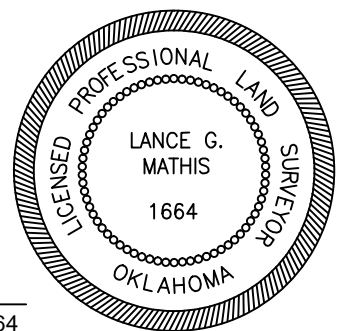
Date Staked: 05/29/2020 By: D.A.

Date Drawn: 06/02/2020 By: J.K.

LANCE G. MATHIS

06/03/2020

OK LPLS 1664





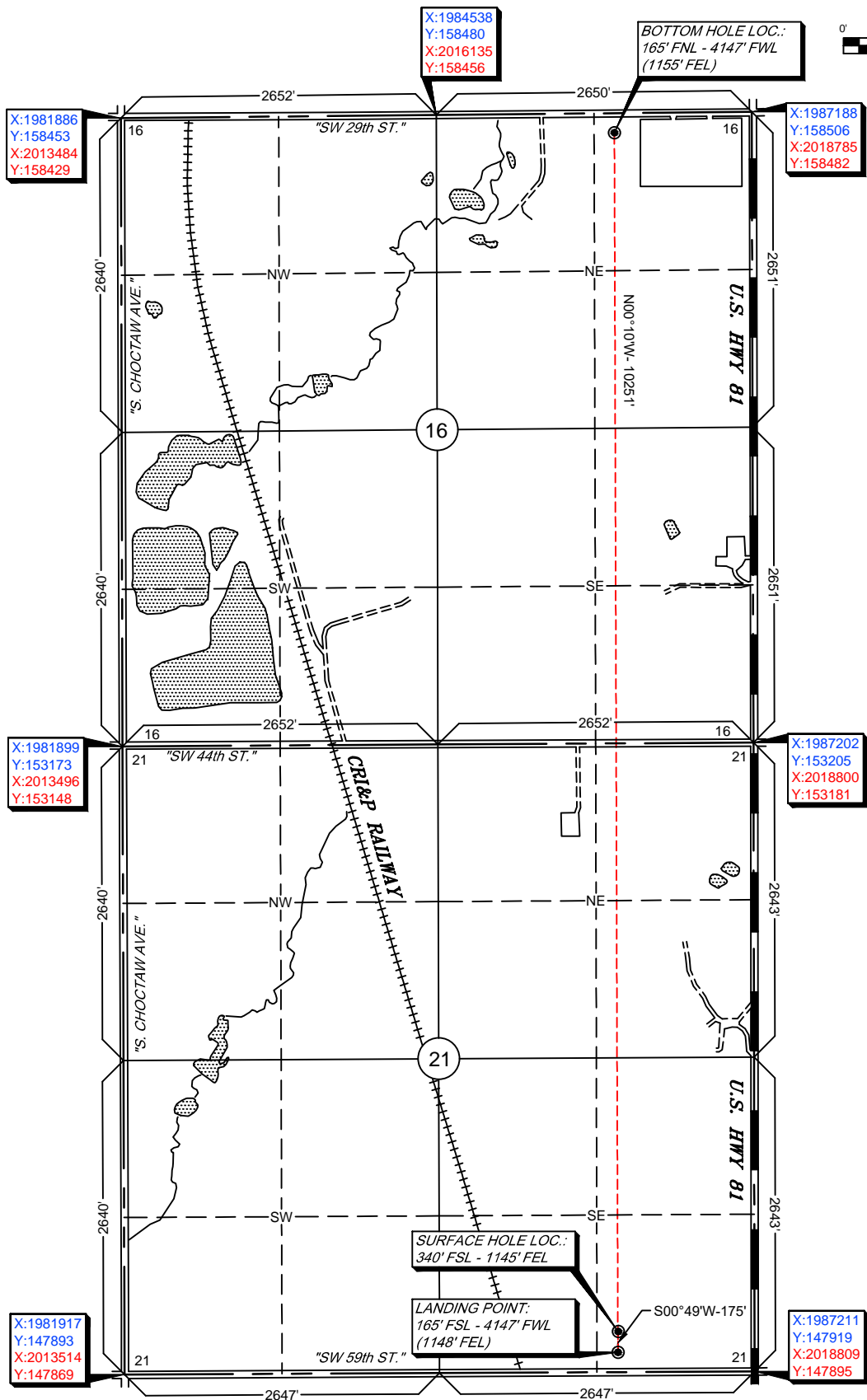
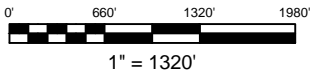
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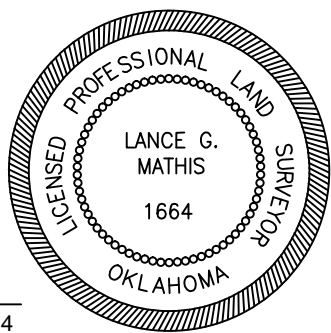
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LANCE G. MATHIS

06/03/2020

OK LPLS 1664





Anti-Collision

Sec. 21-11N-7W I.M.

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Landing Point: 165' FSL - 4147' FWL (1148' FEL)

Sec. 21 Twp. 11N Rng. 7W I.M.

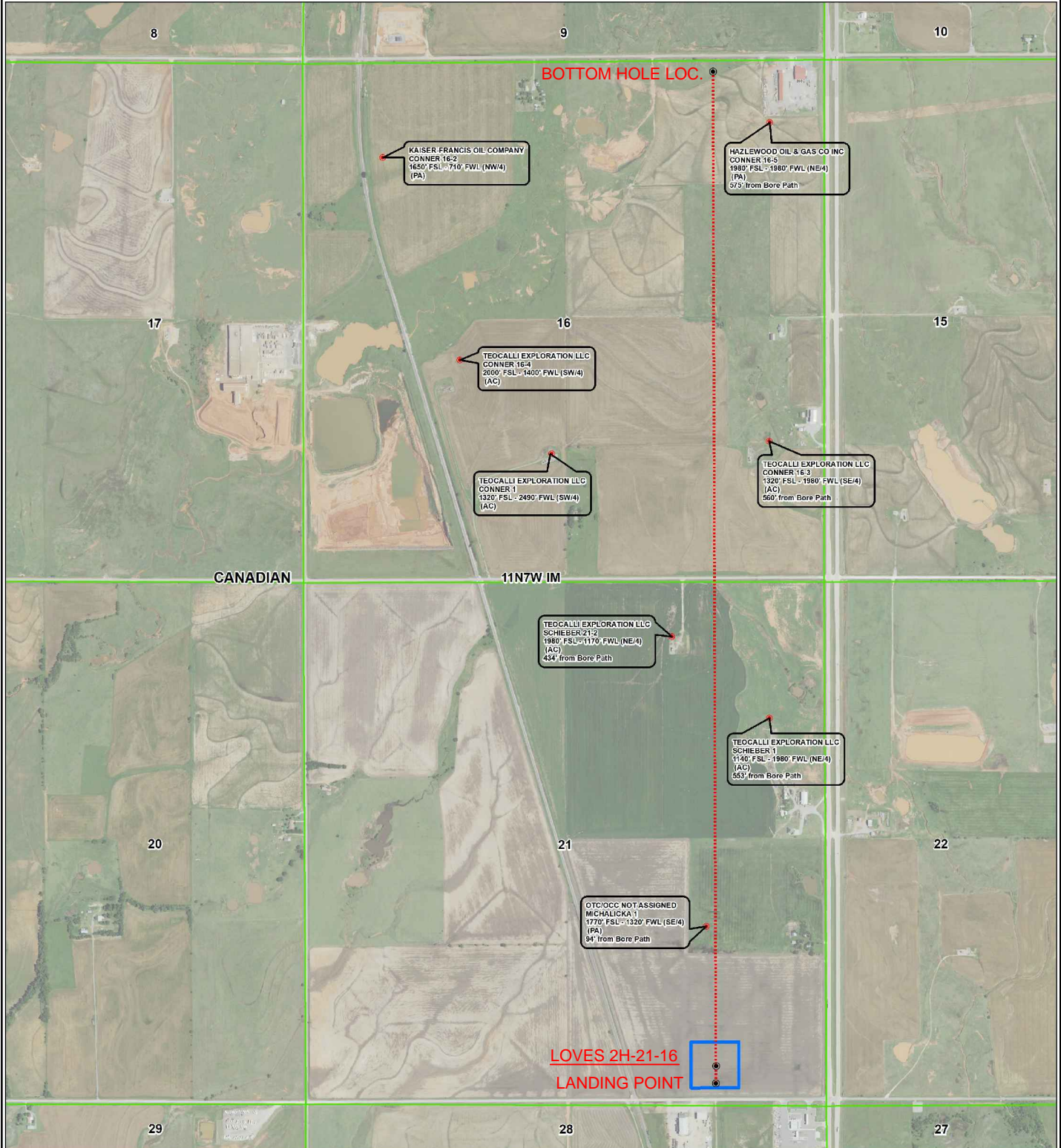
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County: Canadian State of Oklahoma



0 750 1,500 Feet





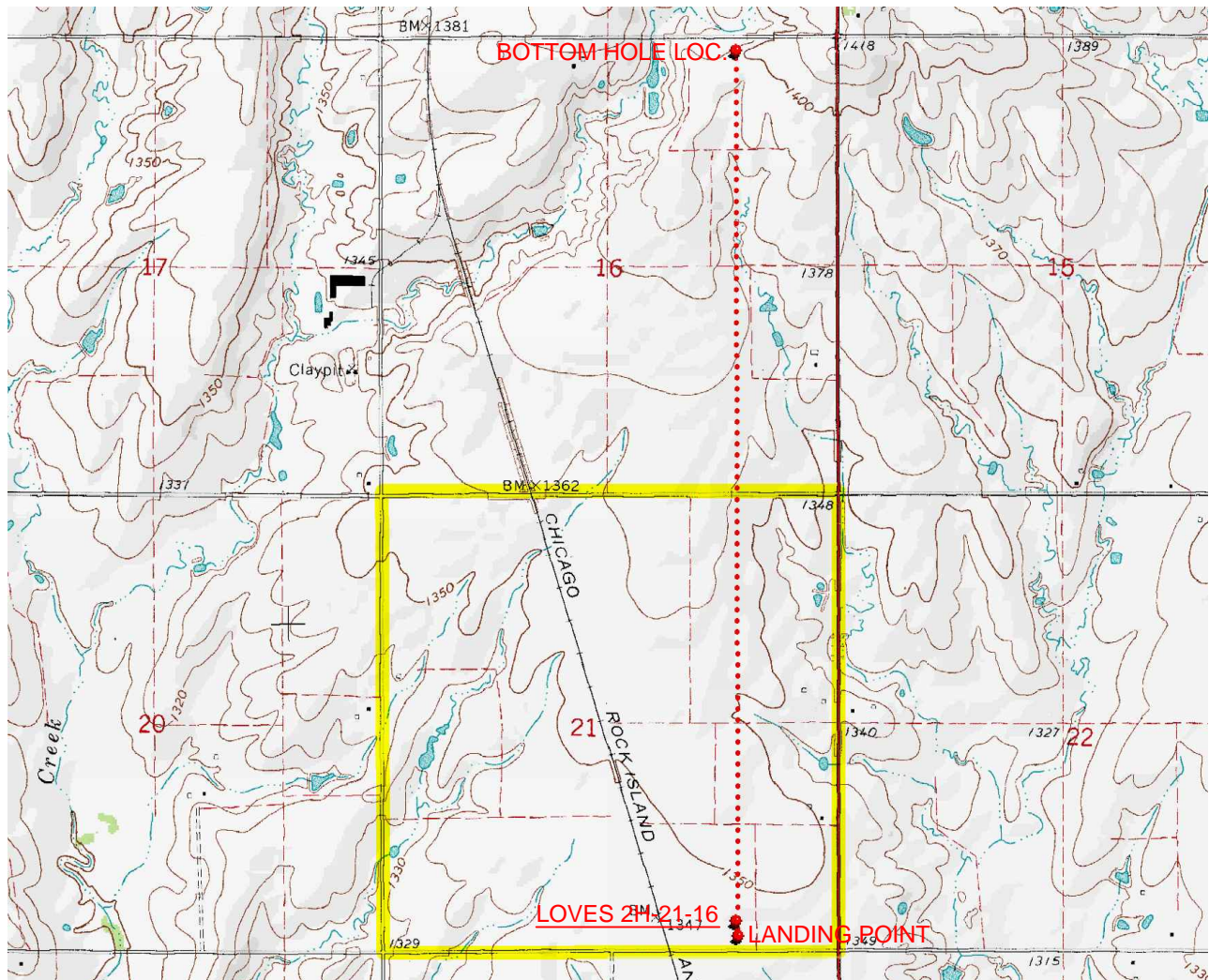
Topographic Vicinity Map

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Sec. 16 Twp. 11N Rng. 7W I.M.
County: Canadian State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1348.5'



Provided by:
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Expires June 30, 2020

Date Staked: 06/02/2020

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 #: 9059-B

Operator: CITIZEN ENERGY, LLC

Lease Name and No.: LOVES 2H-21-16

Accessibility: From the South.

Directions: From the junction of State HWY 152 & US HWY 81 in the town of Union City, OK, go 1.0 mile North on US HWY 81, then go 0.2 miles West on "SW 59th St" to the Southeast Quarter of Section 21-11N-7W on the North side of the road.



1 inch = 0.5 mile

provided by:
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