

API NUMBER: 029 21406 A

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

Approval Date: 08/13/2021
Expiration Date: 02/13/2023

Multi Unit Oil & Gas

Amend reason: CHANGE DRILLING TYPE

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 13 Township: 2N Range: 9E County: COAL

SPOT LOCATION: ☐ NW ☐ SW ☐ NW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 1952 2323

Lease Name: LDC Well No: #24/25-4H Well will be 1952 feet from nearest unit or lease boundary.

Operator Name: CANYON CREEK ENERGY ARKOMA LLC Telephone: 9187794949 OTC/OCC Number: 24379 0

CANYON CREEK ENERGY ARKOMA LLC
2431 E 61ST ST STE 400
TULSA, OK 74136-1237

MORRIS & LINDA EDDINGS, TRUSTEES OF THE EDDINGS FAMILY
REVOCABLE TRUST
ROUTE 4, BOX 958
COALGATE OK 74538

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

Name	Code	Depth
1 WOODFORD	319WDFD	6500

Spacing Orders: 537528
662358
720189

Location Exception Orders: 720190

Increased Density Orders: 720264
720265
720266

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 14000 Ground Elevation: 773

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 300

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: No

Approved Method for disposal of Drilling Fluids:

E. Haul to Commercial pit facility	Sec. 14 Twn. 7N Rng. 9E Cnty. 63 Order No: 653875
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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: BOGGY

MULTI UNIT HOLE 1

Section: 5 Township: 2N Range: 9E Meridian: IM

Total Length: 7440

County: COAL

Measured Total Depth: 14000

Spot Location of End Point: NE NE SW NE

True Vertical Depth: 6500

Feet From: NORTH 1/4 Section Line: 1500

End Point Location from
Lease, Unit, or Property Line: 1475

Feet From: EAST 1/4 Section Line: 1475

NOTES:

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.

Category	Description
HYDRAULIC FRACTURING	<p>[9/1/2021 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
INCREASED DENSITY - 720264	<p>[9/16/2021 - GC2] - 13-2N-9E X537528 WDFD 3 WELLS CANYON CREEK ENERGY - ARKOMA, LLC 8-27-2021</p>
INCREASED DENSITY - 720265	<p>[9/16/2021 - GC2] - 24-2N-9E X662358 WDFD 4 WELLS CANYON CREEK ENERGY - ARKOMA, LLC 8-27-2021</p>
INCREASED DENSITY - 720266	<p>[9/16/2021 - GC2] - 25-2N-9E X662358 WDFD 4 WELLS CANYON CREEK ENERGY - ARKOMA, LLC 8-27-2021</p>
LOCATION EXCEPTION - 720190 (202101432)	<p>[9/16/2021 - GC2] - (I.O.) 13, 24, & 25-2N-9E X537528 WDFD, OTHERS 13-2N-9E X662358 WDFD, OTHERS 24 & 25-2N-9E COMPL. INT. (13-2N-9E) NCT 2640' FNL, NCT 0' FSL, NCT 1000' FEL COMPL. INT. (24-2N-9E) NCT 0' FNL, NCT 0' FSL, NCT 1000' FEL COMPL. INT. (25-2N-9E) NCT 0' FNL, NCT 2640' FSL, NCT 1000' FEL CANYON CREEK ENERGY - ARKOMA, LLC 8-24-2021</p>
SPACING - 537528	<p>[9/16/2021 - GC2] - (640) 13-2N-9E VAC OTHER EXT 534480 WDFD, OTHERS</p>
SPACING - 662358	<p>[9/16/2021 - GC2] - (640)(HOR) 24 & 25-2N-9E EST WDFD, OTHERS COMPL. INT NLT 165' FNL/FSL. NLT 330' FEL/FWL</p>
SPACING - 720189 (202101431)	<p>[9/16/2021 - GC2] - (I.O.) 13, 24, & 25-2N-9E EST MULTIUNIT HORIZONTAL WELL X537528 WDFD, OTHERS 13-2N-9E X662358 WDFD, OTHERS 24 & 25-2N-9E 8% 13-2N-9E 71% 24-2N-9E 21% 25-2N-9E CANYON CREEK ENERGY - ARKOMA, LLC 8-24-2021</p>



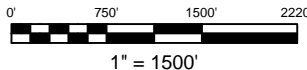
Well Location Plat

S.H.L. Sec. 13-2N-9E I.M.
B.H.L. Sec. 25-2N-9E I.M.

Operator: CANYON CREEK ENERGY
Lease Name and No.: LDC 4-13/25H
Surface Hole Location: 1952' FSL - 2323' FEL Gr. Elevation: N/A
NE/4-SW/4-NW/4-SE/4 Section: 13 Township: 2N Range: 9E I.M.
Bottom Hole Location: 1500' FNL - 1475' FEL
NE/4-NE/4-SW/4-NE/4 Section: 25 Township: 2N Range: 9E I.M.
County: Coal State of Oklahoma
Terrain at Loc.: Location fell in brushy pasture on gently sloped hill side.



All bearings shown
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°38'29.70"N
Lon: 96°18'34.29"W
Lat: 34.64158407
Lon: -96.30952579
X: 2476941
Y: 480358

Surface Hole Loc.:
Lat: 34°38'29.37"N
Lon: 96°18'33.29"W
Lat: 34.64149196
Lon: -96.30924621
X: 2508537
Y: 480312

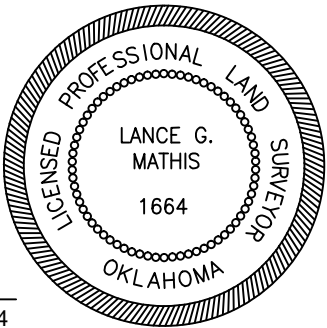
Landing Point:
Lat: 34°38'16.92"N
Lon: 96°18'24.13"W
Lat: 34.63803365
Lon: -96.30670232
X: 2477812
Y: 479080

Landing Point:
Lat: 34°38'16.59"N
Lon: 96°18'23.12"W
Lat: 34.63794151
Lon: -96.30642284
X: 2509408
Y: 479034

Bottom Hole Loc.:
Lat: 34°37'03.37"N
Lon: 96°18'24.02"W
Lat: 34.61760196
Lon: -96.30667087
X: 2477946
Y: 471646

Bottom Hole Loc.:
Lat: 34°37'03.04"N
Lon: 96°18'23.01"W
Lat: 34.61750983
Lon: -96.30639178
X: 2509542
Y: 471600

-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.



X:2473893
Y:483638
X:2505490
Y:483592

X:2479205
Y:483723
X:2510801
Y:483677

X:2473980
Y:478356
X:2505576
Y:478311

X:2479298
Y:478445
X:2510894
Y:478399

X:2474106
Y:473091
X:2505702
Y:473045

X:2479395
Y:473166
X:2510991
Y:473121

X:2474194
Y:467809
X:2505790
Y:467763

X:2479485
Y:467888
X:2511081
Y:467843

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, 2022

Invoice #9238-B-C
Date Staked: 07/22/2021 By: Z.D.
Date Drawn: 07/27/2021 By: J.K.
Revise SHL: 08/04/2021 By: S.S.

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

08/04/2021

OK LPLS 1664



Well Location Plat

S.H.L. Sec. 13-2N-9E I.M.
B.H.L. Sec. 25-2N-9E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 4-13/25H

Surface Hole Location: 1952' FSL - 2323' FEL Gr. Elevation: N/A

NE/4-SW/4-NW/4-SE/4 Section: 13 Township: 2N Range: 9E I.M.

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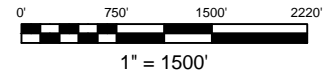
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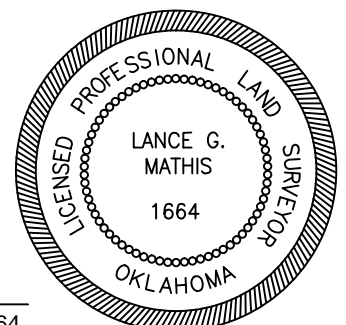
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08/04/2021

OK LPLS 1664



CANYON
CREEK
ENERGY

Anti-Collision

Sec. 13-2N-9E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 4-13/25H

Surface Hole Location: 1952' FSL - 2323' FEL

Landing Point: 660' FSL - 1475' FEL

Sec. 13 Twp. 2N Rng. 9E I.M.

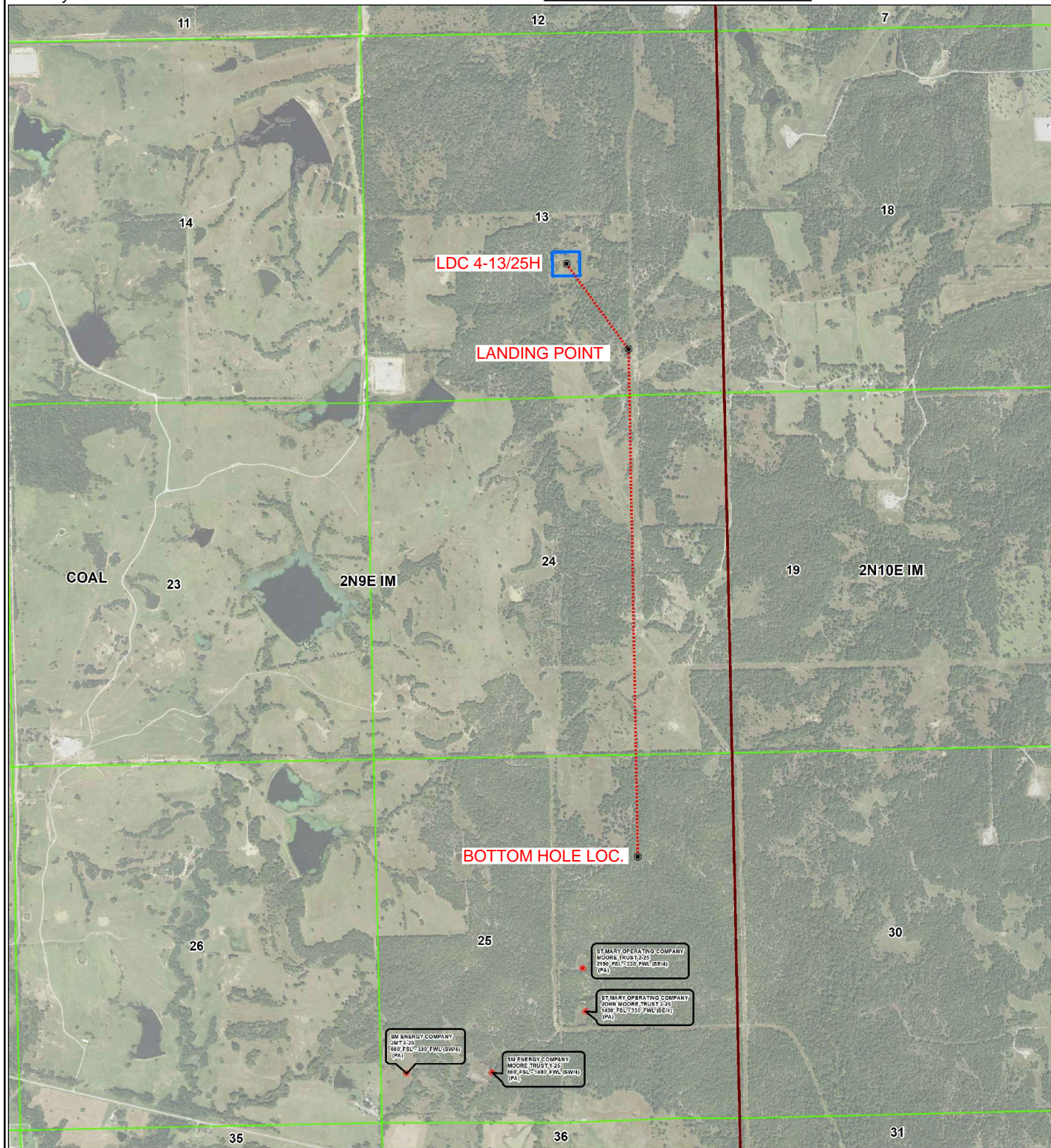
Bottom Hole Location: 1500' FNL - 1475' FEL

Sec. 25 Twp. 2N Rng. 9E I.M.

County: Coal State of Oklahoma



0 1,050 2,100
Feet





CANYON
CREEK
ENERGY

Topographic Vicinity Map

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 4-13/25H

Surface Hole Location: 1952' FSL - 2323' FEL

Landing Point: 660' FSL - 1475' FEL

Sec. 13 Twp. 2N Rng. 9E I.M.

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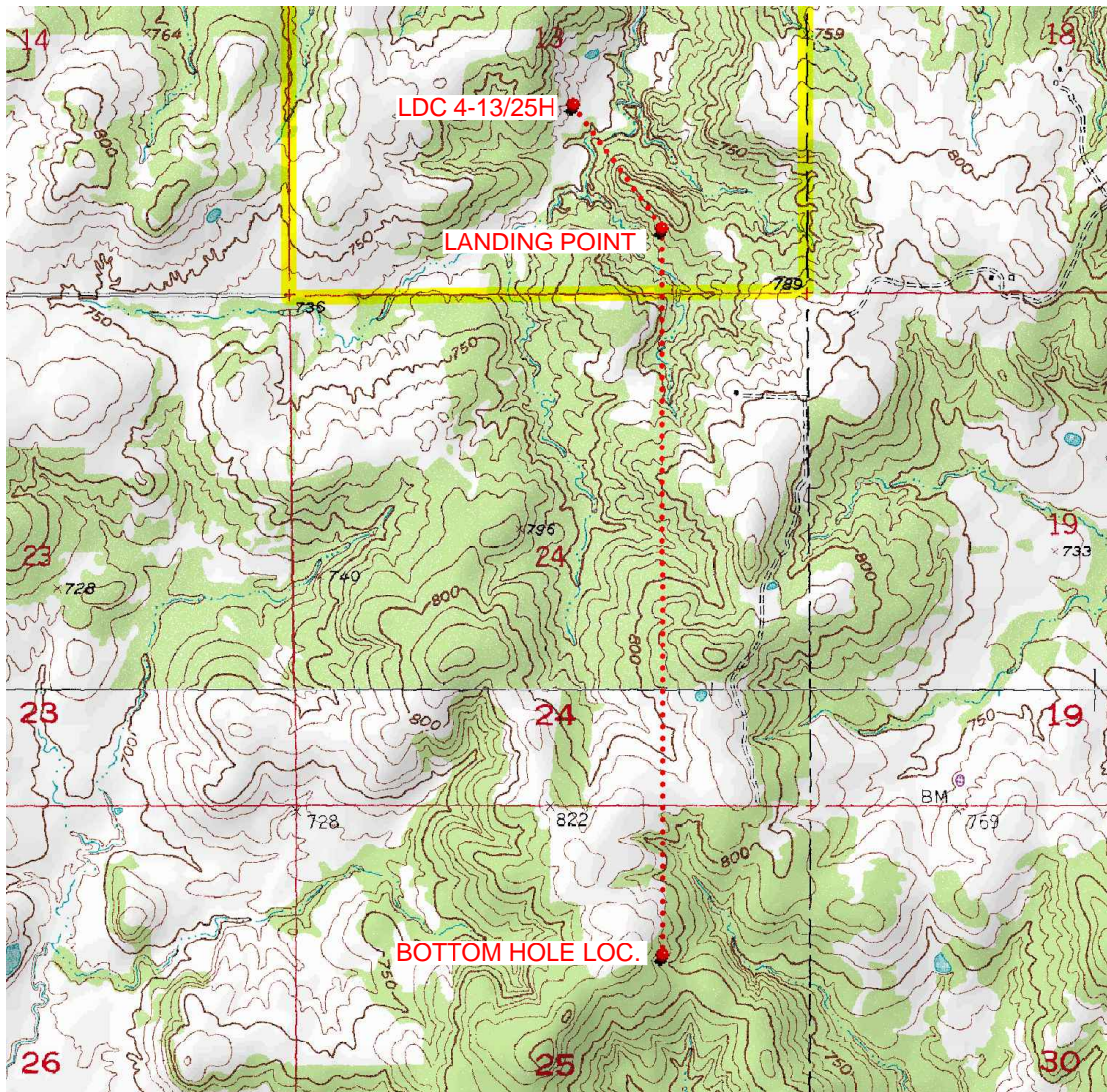
Sec. 25 Twp. 2N Rng. 9E I.M.

County: Coal State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: N/A



Provided by:

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P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2022

Date Staked: 07/22/2021

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 #: 9238-B-C

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 4-13/25H

Accessibility: From the North.

Directions: From the junction of "Broadway" & State HWY 3 in the town of Centrahoma, OK, go 0.9 miles North on "Broadway", 0.2 miles East on "1st St", 0.3 miles North & East on "Greg Ave", 2.5 miles North on "NS 375 RD.", then go 1.0 mile East on a lease road to the Northeast Quarter of Section 11-2N-9E on the Southeast side of the road to the beginning of a Proposed Lease Road.

1 inch = 0.5 mile

provided by:
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