

API NUMBER: 029 21399 A

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

Approval Date: 11/13/2020  
Expiration Date: 05/13/2022

Multi Unit Oil & Gas

Amend reason: CHANGE FROM STRAT TEST TO OIL & GAS,  
UPDATE FORMATION

**AMEND PERMIT TO DRILL**

WELL LOCATION: Section: 23 Township: 2N Range: 9E County: COAL

SPOT LOCATION: ☐ NE ☐ SW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 695 1669

Lease Name: LDC Well No: 3-23/26H Well will be 695 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

DPC LAND LLC  
ROUTE 1, BOX 1420  
COALGATE OK 74538

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

Name	Code	Depth
1 WOODFORD	319WDFD	6350

Spacing Orders: 661468  
660619

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202001857  
202001858  
202001861  
202001862

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 13938 Ground Elevation: 772

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:

F. Haul to Commercial soil farming facility	Sec. 14 Twn. 7N Rng. 9E Cnty. 63 Order No: 653875
H. (Other)	CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRI

**PIT 1 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: BOGGY

**MULTI UNIT HOLE 1**

Section: 26 Township: 2N Range: 9E Meridian: IM Total Length: 7174  
County: COAL Measured Total Depth: 13938  
Spot Location of End Point: SE SW NE SW True Vertical Depth: 6350  
Feet From: SOUTH 1/4 Section Line: 1370 End Point Location from  
Feet From: WEST 1/4 Section Line: 1723 Lease, Unit, or Property Line: 1370

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.

NOTES:	
Category	Description
HYDRAULIC FRACTURING	<p>[11/25/2020 - 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: <a href="http://OCCEWEB.COM/OG/OGFORMS.HTML">OCCEWEB.COM/OG/OGFORMS.HTML</a>; 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 <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
PENDING CD - 202001857	<p>[11/30/2020 - G56] - (I.O.) 23 &amp; 26-2N-9E  EST MULTIUNIT HORIZONTAL WELL  X661468 23-2N-9E  X660619 26-2N-9E  46% 23-2N-9E  54% 26-2N-9E  NO OP NAMED  REC 11/30/2020 (MOORE)</p>
PENDING CD - 202001858	<p>[11/30/2020 - G56] - (I.O.) 23 &amp; 26-2N-9E  X661468 23-2N-9E  X660619 26-2N-9E  COMPL INT (23-2N-9E) NCT 0' FSL, NCT 165' FNL, NCT 1600' FWL  COMPL INT (26-2N-9E) NCT 0' FNL, NCT 165' FSL, NCT 1600' FWL  NO OP NAMED  REC 11/30/2020 (MOORE)</p>
PENDING CD - 202001861	<p>[11/30/2020 - G56] - 23-2N-9E  X661468 WDFD  3 WELLS  NO OP NAMED  REC 11/30/2020 (MOORE)</p>
PENDING CD - 202001862	<p>[11/30/2020 - G56] - 26-2N-9E  X660619 WDFD  3 WELLS  NO OP NAMED  REC 11/30/2020 (MOORE)</p>
SPACING - 660619	<p>[11/30/2020 - G56] - (640)(HOR) 26-2N-9E  EST WDFD, OTHERS  COMPL INT NLT 165' FNL/FSL AND 330' FEL/FWL</p>
SPACING - 661468	<p>[11/30/2020 - G56] - (640)(HOR) 23-2N-9E  EST WDFD, OTHERS  COMPL INT NLT 165' FNL/FSL AND NLT 330' FEL/FWL</p>



# Well Location Plat

S.H.L. Sec. 23-2N-9E I.M.  
B.H.L. Sec. 26-2N-9E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 3-23/26H

Surface Hole Location: 695' FNL - 1669' FWL Gr. Elevation: 772'

NE/4-SW/4-NE/4-NW/4 Section: 23 Township: 2N Range: 9E I.M.

Bottom Hole Location: 1370' FSL - 1723' FWL

SE/4-SW/4-NE/4-SW/4 Section: 26 Township: 2N Range: 9E I.M.

County: Coal State of Oklahoma

Terrain at Loc.: Location fell in mostly open pasture on small hillside, slopes towards the north.



All bearings shown  
are grid bearings.

0' 660' 1320' 1980'  
1" = 1320'

GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 34°38'03.42"N  
Lon: 96°19'52.88"W  
Lat: 34.63428370  
Lon: -96.33135437  
X: 2470420  
Y: 477592

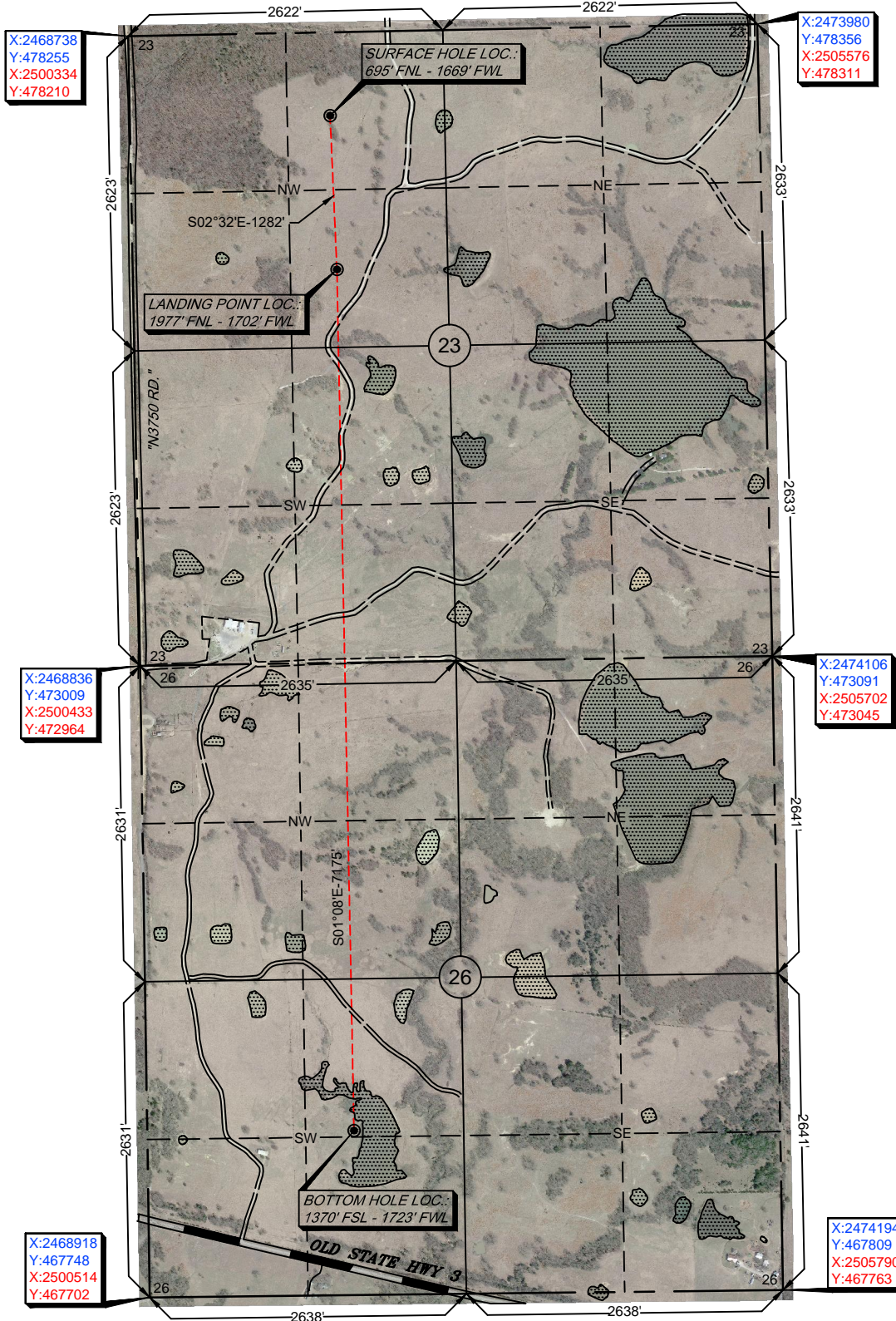
Surface Hole Loc.:  
Lat: 34°38'03.09"N  
Lon: 96°19'51.87"W  
Lat: 34.63419177  
Lon: -96.33107466  
X: 2502016  
Y: 477546

Landing Point:  
Lat: 34°37'50.74"N  
Lon: 96°19'52.45"W  
Lat: 34.63076248  
Lon: -96.33123586  
X: 2470477  
Y: 476311

Landing Point:  
Lat: 34°37'50.41"N  
Lon: 96°19'51.44"W  
Lat: 34.63067054  
Lon: -96.33095622  
X: 2502073  
Y: 476266

Bottom Hole Loc.:  
Lat: 34°36'39.77"N  
Lon: 96°19'52.16"W  
Lat: 34.61104679  
Lon: -96.33115603  
X: 2470619  
Y: 469138

Bottom Hole Loc.:  
Lat: 34°36'39.44"N  
Lon: 96°19'51.16"W  
Lat: 34.61095482  
Lon: -96.33087676  
X: 2502216  
Y: 469092



-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, 2022

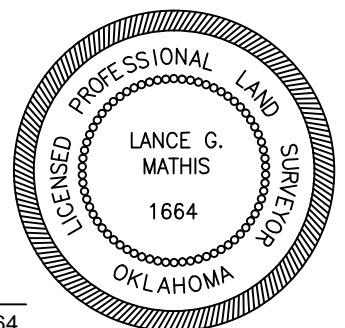
## Certification:

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

10/29/2020

OK LPLS 1664



Invoice #8499-A-B

Date Staked: 10/28/2020 By: H.S.

Date Drawn: 10/29/2020 By: J.K.





# Well Location Plat

S.H.L. Sec. 23-2N-9E I.M.  
B.H.L. Sec. 26-2N-9E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 3-23/26H

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NE/4-SW/4-NE/4-NW/4 Section: 23 Township: 2N Range: 9E I.M.

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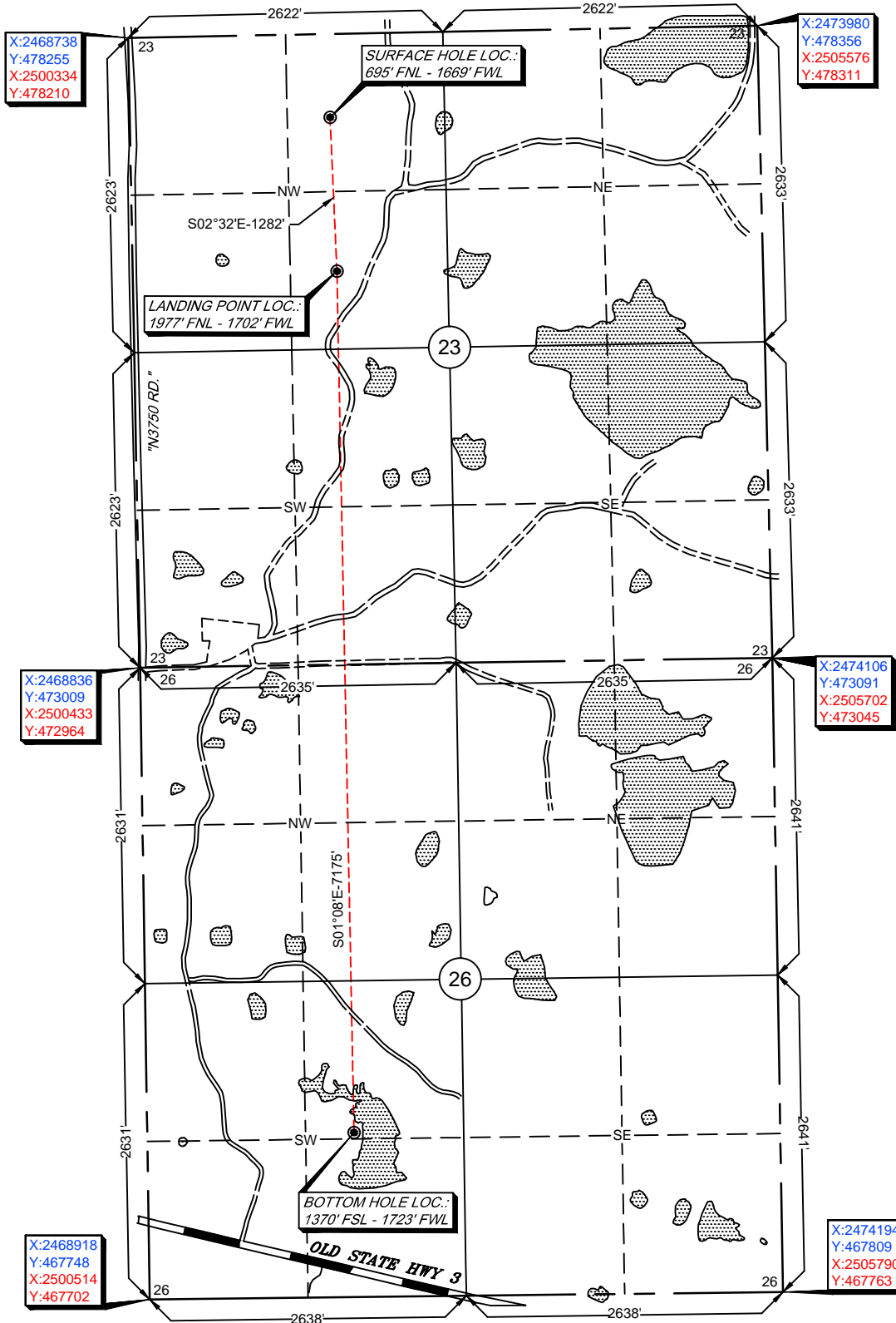
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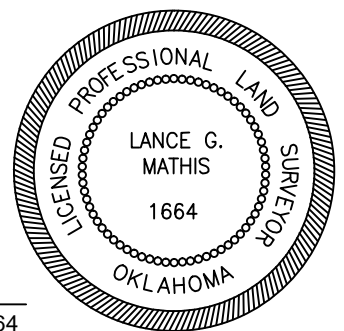
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LANCE G. MATHIS

10/29/2020

OK LPLS 1664



Invoice #8499-A-B

Date Staked: 10/28/2020 By: H.S.

Date Drawn: 10/29/2020 By: J.K.



CANYON  
CREEK  
ENERGY

# Anti-Collision

Sec. 23-2N-9E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 3-23/26H

Surface Hole Location: 695' FNL - 1669' FWL

Landing Point: 1977' FNL - 1702' FWL

Sec. 23 Twp. 2N Rng. 9E I.M.

Bottom Hole Location: 1370' FSL - 1723' FWL

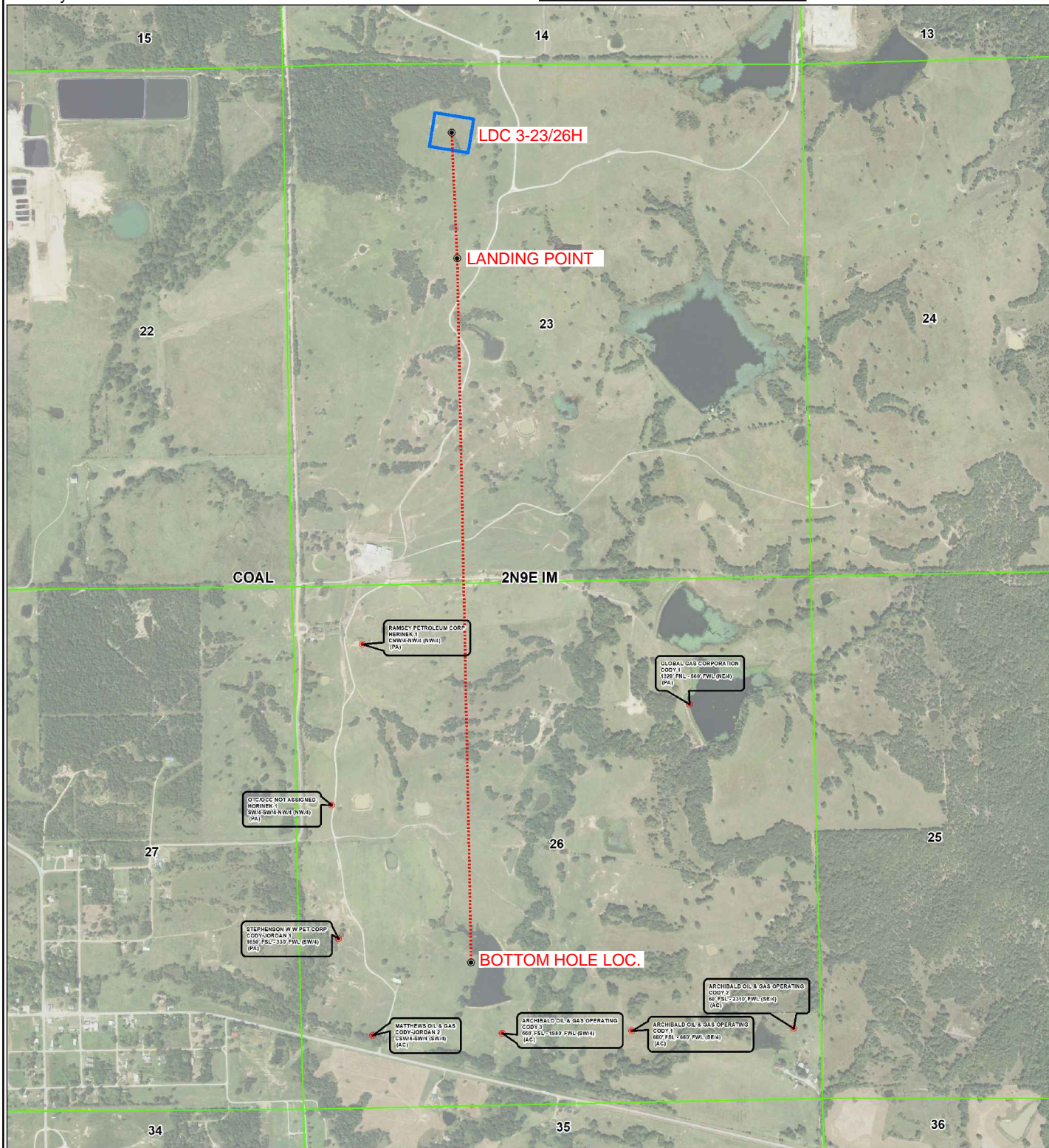
Sec. 26 Twp. 2N Rng. 9E I.M.

County: Coal State of Oklahoma

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



0 750 1,500  
Feet







CANYON  
CREEK  
ENERGY

# Topographic Vicinity Map

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 3-23/26H

Surface Hole Location: 695' FNL - 1669' FWL

Landing Point: 1977' FNL - 1702' FWL

Sec. 23 Twp. 2N Rng. 9E I.M.

Bottom Hole Location: 1370' FSL - 1723' FWL

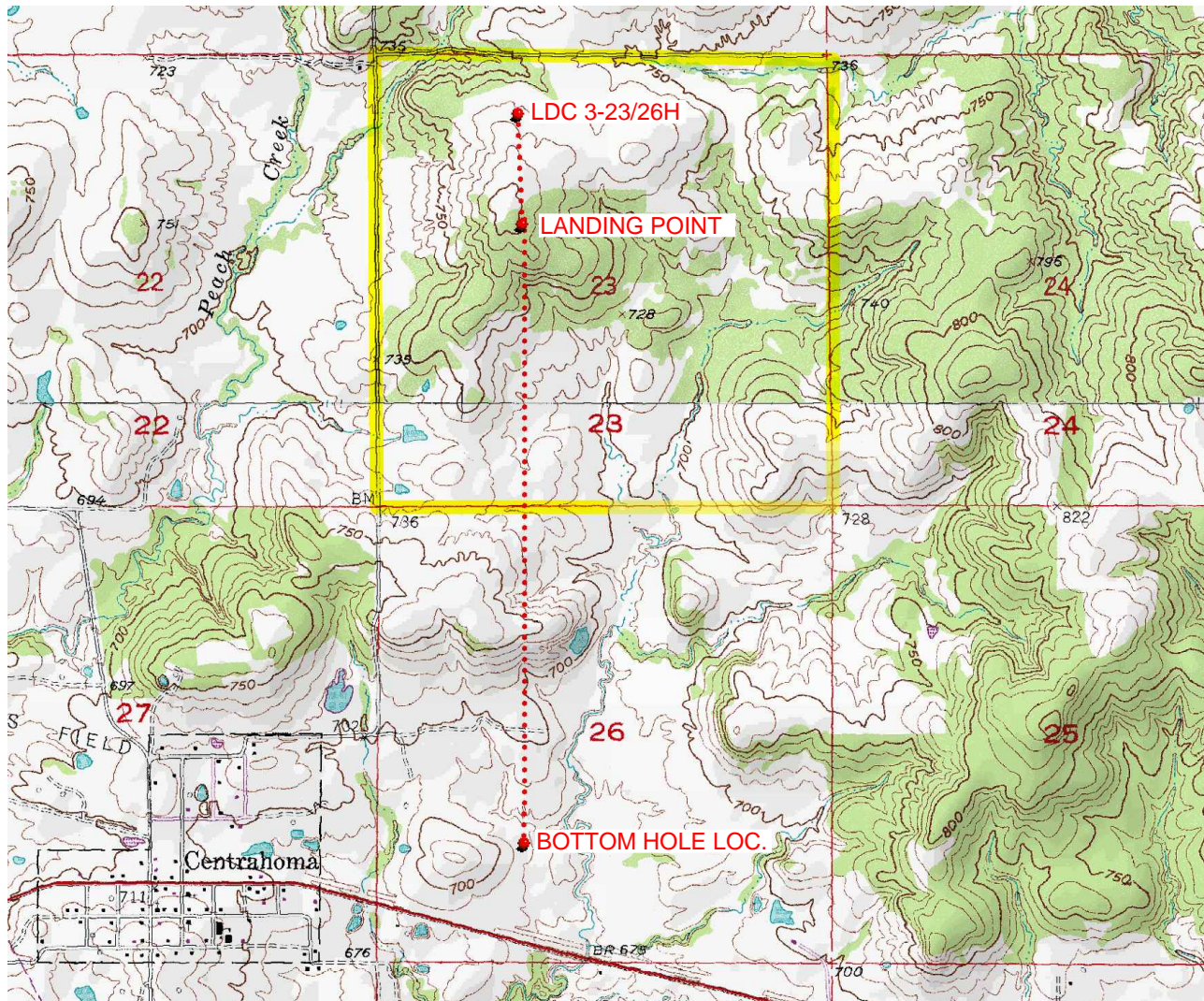
Sec. 26 Twp. 2N Rng. 9E I.M.

County: Coal State of Oklahoma

Ground Elevation at Surface Hole Location: 772'



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, 2022

Date Staked: 10/29/2020

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 #: 8499-A-B

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 3-23/26H

Accessibility: From the South.

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", then go 1.3 miles North on "NS 375 RD." to the Northwest Quarter of Section 23-2N-9E on the East side of the road.

1 inch = 0.5 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

