

API NUMBER: 029 21400 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: 698 1684

Lease Name: LDC Well No: 2-23/26H Well will be 698 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 | 6455 |

Spacing Orders: 661468
660619

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202001855
202001862
202001856
202001861

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 12952 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:

| | |
|---|--|
| 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: 5855
County: COAL Measured Total Depth: 12952
Spot Location of End Point: NE NW NW SE True Vertical Depth: 6455
Feet From: SOUTH 1/4 Section Line: 2367 End Point Location from
Feet From: EAST 1/4 Section Line: 2240 Lease, Unit, or Property Line: 2240

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] - 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: OCCEWEB.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> |
| PENDING CD - 202001855 | <p>[11/25/2020 - G56] - (I.O.) 23 & 26-2N-9E EST MULTIUNIT HORIZONTAL WELL X661468 23-2N-9E X660619 26-2N-9E 50% 23-2N-9E 50% 26-2N-9E NO OP NAMED REC 11/30/2020 (MOORE)</p> |
| PENDING CD - 202001856 | <p>[11/25/2020 - G56] - (I.O.) 23 & 26-2N-9E X661468 23-2N-9E X660619 26-2N-9E COMPL INT (23-2N-9E) NCT 0' FSL, NCT 500' FNL, NCT 2000' FEL COMPL INT (26-2N-9E) NCT 0' FNL, NCT 300' FSL, NCT 2000' FEL NO OP NAMED REC 11/30/2020 (MOORE)</p> |
| PENDING CD - 202001861 | <p>[11/25/2020 - G56] - 23-2N-9E X661468 WDFD 3 WELLS NO OP NAMED REC 11/30/2020 (MOORE)</p> |
| PENDING CD - 202001862 | <p>[11/25/2020 - G56] - 26-2N-9E X660619 WDFD 3 WELLS NO OP NAMED REC 11/30/2020 (MOORE)</p> |
| SPACING - 660619 | <p>[11/25/2020 - G56] - (640)(HOR) 26-2N-9E EST WDFD, OTHERS COMPL INT NLT 165' FNL/FSL AND 330' FEL/FWL</p> |
| SPACING - 661468 | <p>[11/25/2020 - 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 2-23/26H

Surface Hole Location: 698' FNL - 1684' FWL Gr. Elevation: 773'

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

Bottom Hole Location: 2367' FSL - 2240' FEL

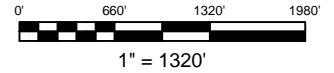
NE/4-NW/4-NW/4-SE/4 Section: 26 Township: 2N Range: 9E I.M.

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.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°38'03.40"N
Lon: 96°19'52.70"W
Lat: 34.63427644
Lon: -96.33130528
X: 2470435
Y: 477590

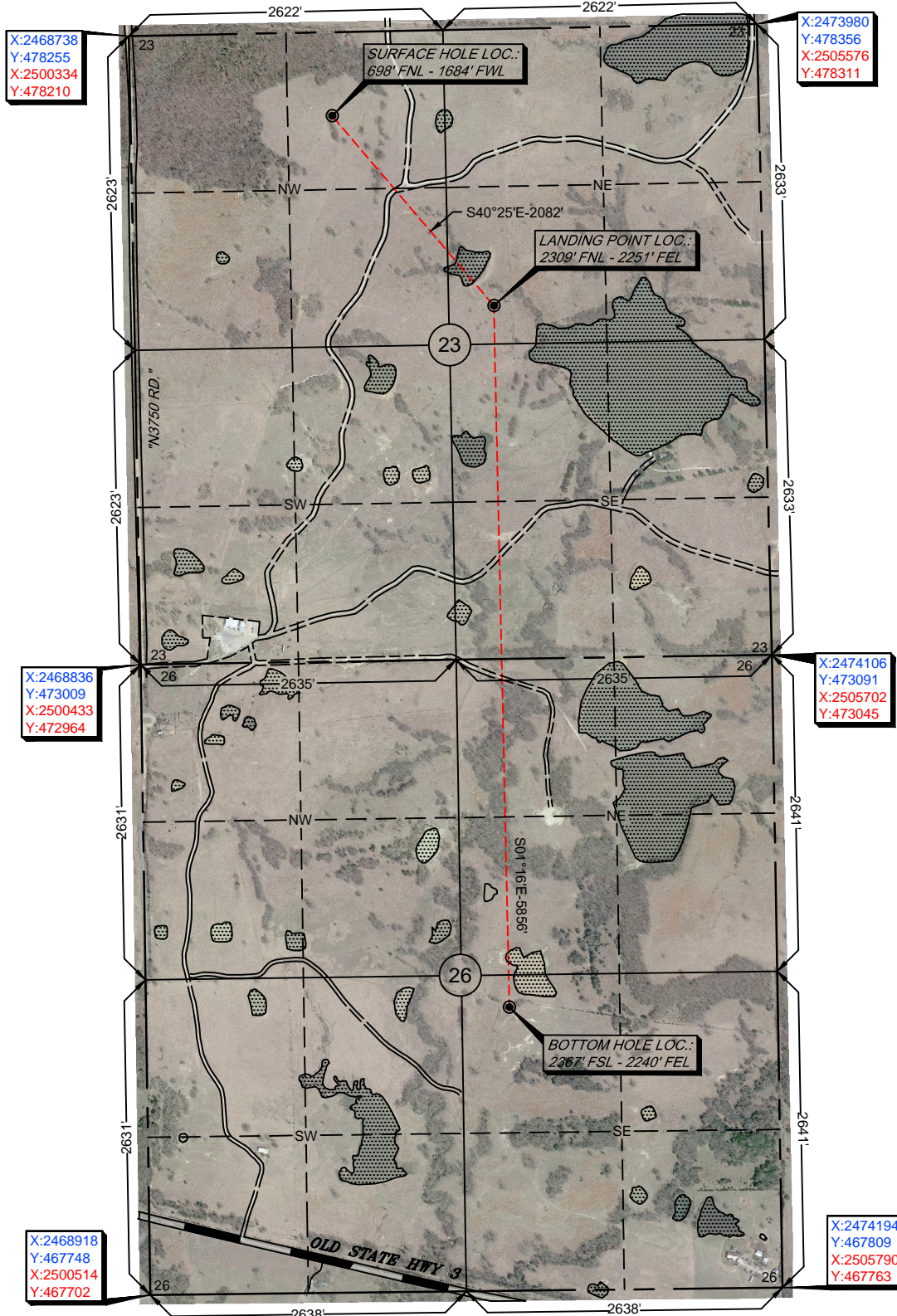
Surface Hole Loc.:
Lat: 34°38'03.06"N
Lon: 96°19'51.69"W
Lat: 34.63418451
Lon: -96.33102558
X: 2502031
Y: 477544

Landing Point:
Lat: 34°37'47.50"N
Lon: 96°19'36.86"W
Lat: 34.62986000
Lon: -96.32690622
X: 2471785
Y: 476005

Landing Point:
Lat: 34°37'47.16"N
Lon: 96°19'35.86"W
Lat: 34.62976802
Lon: -96.32662665
X: 2503381
Y: 475959

Bottom Hole Loc.:
Lat: 34°36'49.57"N
Lon: 96°19'36.47"W
Lat: 34.61376834
Lon: -96.32679675
X: 2471915
Y: 470150

Bottom Hole Loc.:
Lat: 34°36'49.23"N
Lon: 96°19'35.46"W
Lat: 34.61367634
Lon: -96.32651749
X: 2503511
Y: 470104



-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

Invoice #8499-A-C
Date Staked: 10/28/2020 By: H.S.
Date Drawn: 10/29/2020 By: J.K.

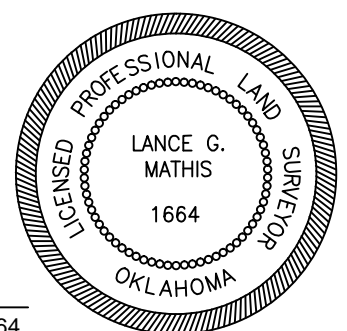
Certification:

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





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 2-23/26H

Surface Hole Location: 698' FNL - 1684' FWL Gr. Elevation: 773'

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

Bottom Hole Location: 2367' FSL - 2240' FEL

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

County: Coal State of Oklahoma

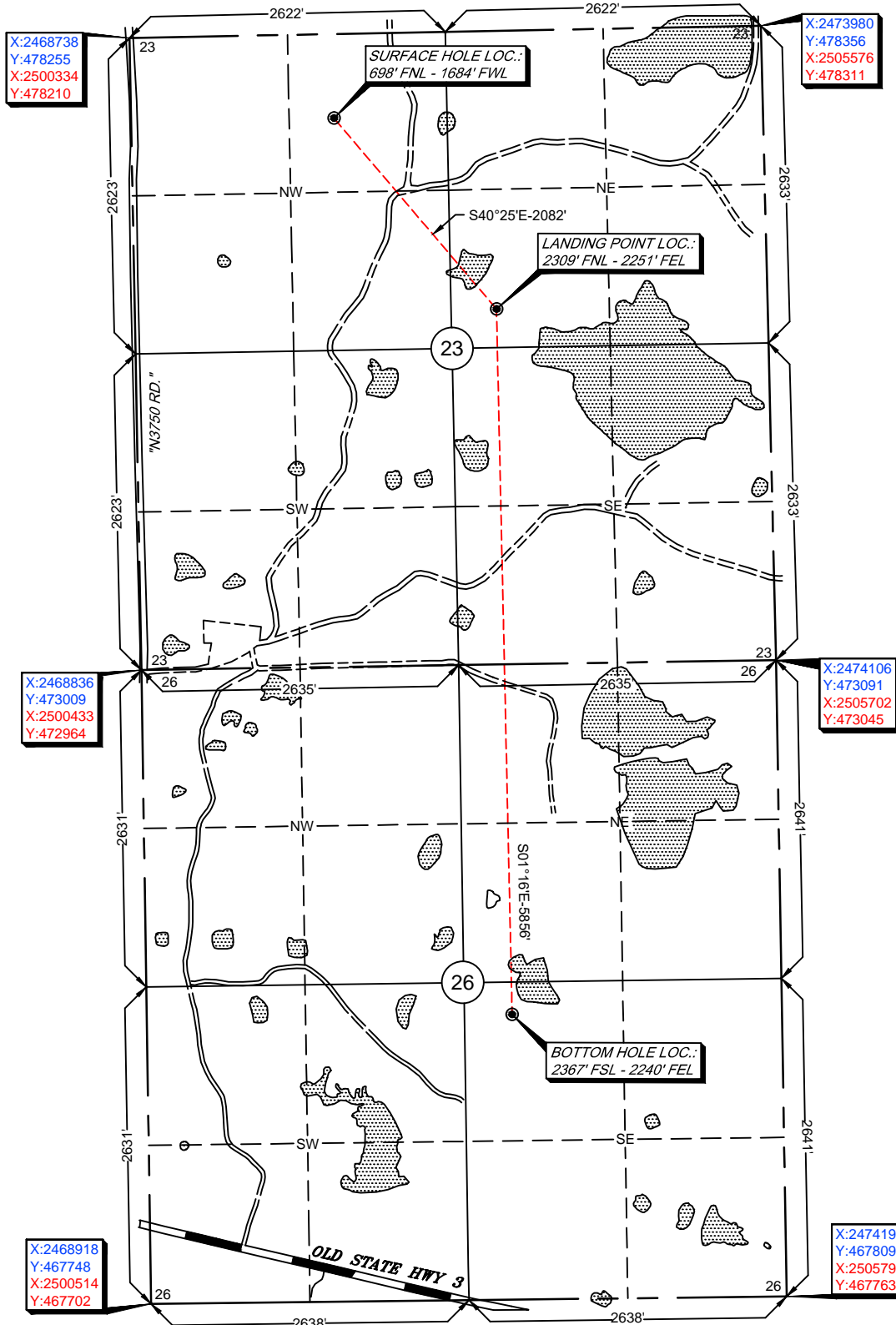
Terrain at Loc.: Location fell in mostly open pasture on small hillside, slopes towards the north.



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°38'03.40"N
Lon: 96°19'52.70"W
Lat: 34.63427644
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X: 2470435
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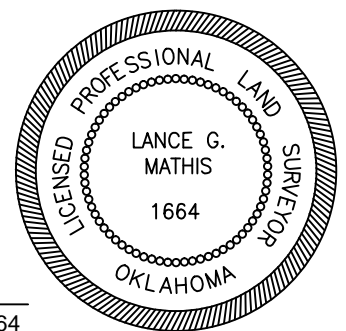
Certification:

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LANCE G. MATHIS

10/29/2020

OK LPLS 1664





Anti-Collision

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

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 2-23/26H

Surface Hole Location: 698' FNL - 1684' FWL

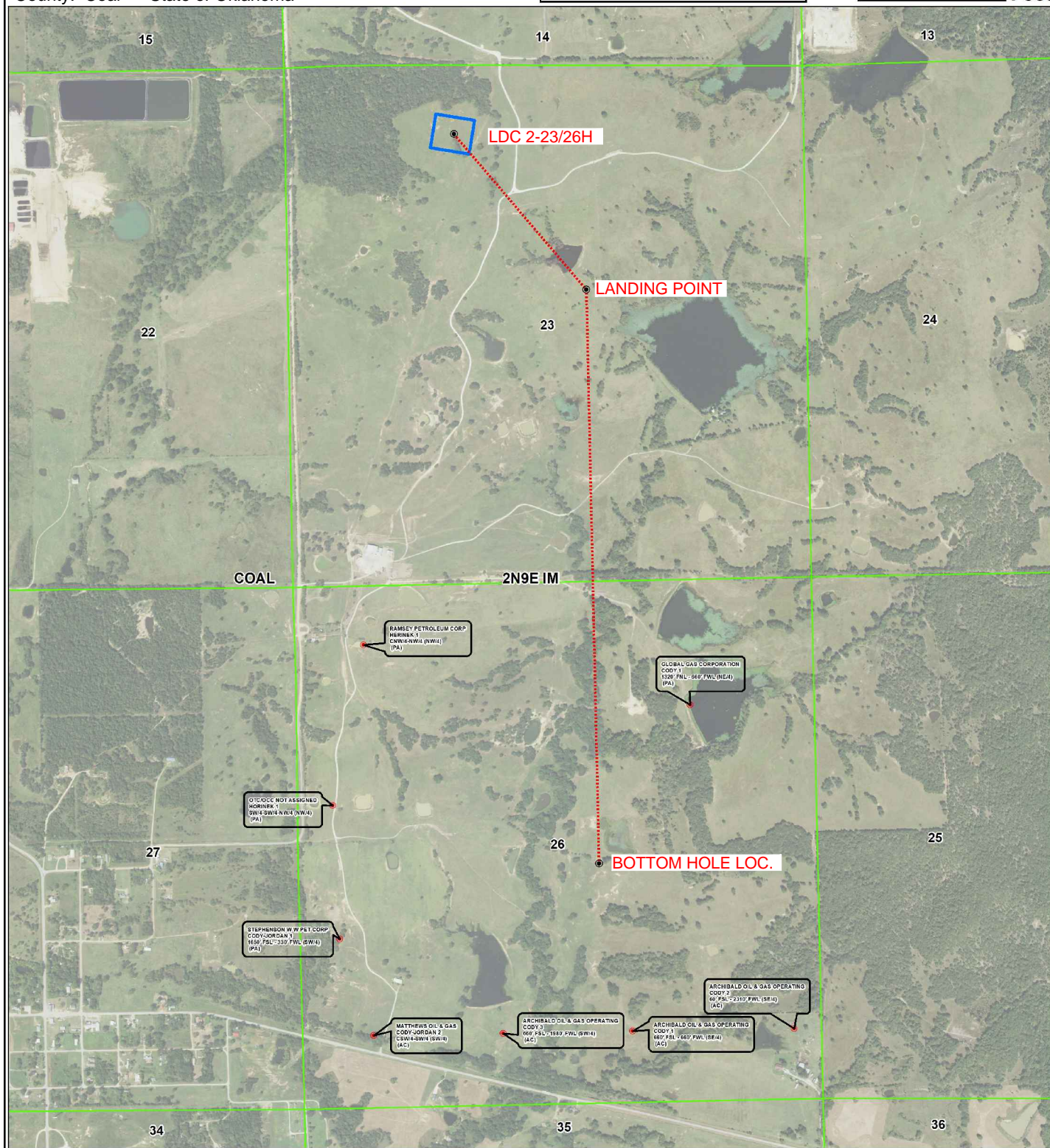
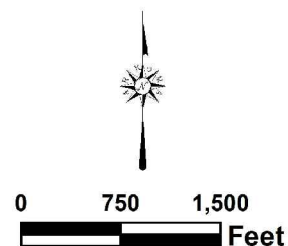
Landing Point: 2309' FNL - 2251' FEL

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

Bottom Hole Location: 2367' FSL - 2240' FEL

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

County: Coal State of Oklahoma





Topographic Vicinity Map

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 2-23/26H

Surface Hole Location: 698' FNL - 1684' FWL

Landing Point: 2309' FNL - 2251' FEL

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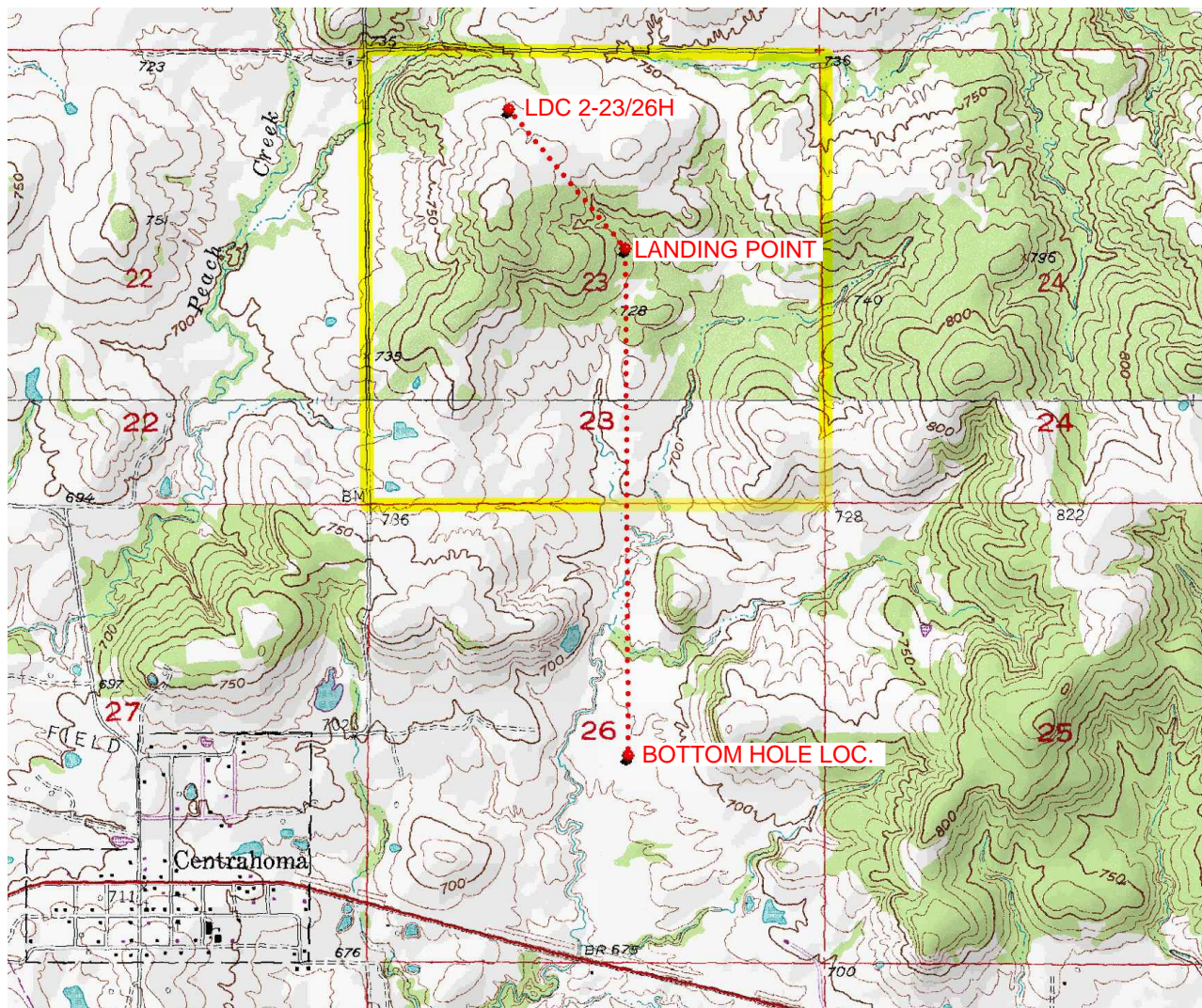
Sec. 26 Twp. 2N Rng. 9E I.M.

County: Coal State of Oklahoma

Ground Elevation at Surface Hole Location: 773'



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-C

Operator: CANYON CREEK ENERGY

Lease Name and No.: LDC 2-23/26H

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:
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