

API NUMBER: 005 20473

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

Approval Date: 10/07/2021
Expiration Date: 04/07/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 13 Township: 2S Range: 10E County: ATOKA

SPOT LOCATION: SW SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 322 310

Lease Name: MILLIE Well No: 24/25-1H Well will be 310 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

PHILLIP ALLEN & PAMELA J. ALLEN, HUSBAND AND WIFE
377 ALLEN DRIVE
ATOKA OK 74525

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

Name	Code	Depth
1 WOODFORD	319WDFD	7680

Spacing Orders: 525067 Location Exception Orders: 720183 Increased Density Orders: 720046
523065 719967
720182

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 18200 Ground Elevation: 639

Surface Casing: 500

Depth to base of Treatable Water-Bearing FM: 280

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)	SEE MEMO

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: ATOKA

PIT 2 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits
Type of Mud System: WATER BASED
Chlorides Max: 8000 Average: 5000
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: ATOKA

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: 25	Township: 2S	Range: 10E	Meridian: IM	Total Length: 10560
County: ATOKA				Measured Total Depth: 18200
Spot Location of End Point: S2	S2	SW	SW	True Vertical Depth: 8000
Feet From: SOUTH	1/4 Section Line: 165		End Point Location from	
Feet From: WEST	1/4 Section Line: 660		Lease, Unit, or Property Line: 165	

NOTES:

Category	Description
HYDRAULIC FRACTURING	<p>[9/30/2021 - 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: 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>
INCREASED DENSITY – 719967 (202101188)	<p>[10/7/2021 - GB6] - 25-2S-10E X525067 WDFD 1 WELL CANYON CREEK ENERGY – ARKOMA, LLC 08/06/2021</p>
INCREASED DENSITY – 720046 (202101187)	<p>[10/7/2021 - GB6] - 24-2S-10E X523065 WDFD 1 WELL CANYON CREEK ENERGY – ARKOMA, LLC 08/13/2021</p>
LOCATION EXCEPTION – 720183 (202101186)	<p>[10/7/2021 - GB6] - (I.O.) 24 & 25 -2S-10E X523065 WDFD 24-2S-10E X525067 WDFD 25-2S-10E COMPL. INT. (24-2S-10E) NCT 165' FNL, NCT 0' FSL, NCT 330' FWL COMPL. INT. (25-2S-10E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL CANYON CREEK ENERGY – ARKOMA, LLC 08/24/2021</p>
MEMO	<p>[10/1/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 720182 (202101185)	<p>[10/7/2021 - GB6] - (I.O.) 24 & 25 -2S-10E EST MULTIUNIT HORIZONTAL WELL X523065 WDFD 24-2S-10E X525067 WDFD 25-2S-10E 50% 24-2S-10E 50% 25-2S-10E NO OPER. NAMED 08/24/2021</p>
SPACING – 523065	<p>[10/7/2021 - GB6] - (640) 24-2S-10E EXT 519775/520693 WDFD</p>
SPACING – 525067	<p>[10/7/2021 - GB6] - (640) 25-2S-10E EXT 147719 WDFD</p>



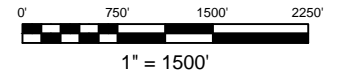
Well Location Plat

S.H.L. Sec. 13-2S-10E I.M.
B.H.L. Sec. 25-2S-10E I.M.

Operator: CANYON CREEK ENERGY
Lease Name and No.: MILLIE 24/25-1H
Surface Hole Location: 322' FSL - 310' FWL Pad Elevation: ±639'
NW/4-SW/4-SW/4 Section: 13 Township: 2S Range: 10E I.M.
Bottom Hole Location: 600' FSL - 660' FWL
SE/4-SW/4-SW/4 Section: 25 Township: 2S Range: 10E I.M.
County: Atoka State of Oklahoma
Terrain at Loc.: Location fell on a pad under construction.



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°22'32.97"N
Lon: 96°12'51.23"W
Lat: 34.37582376
Lon: -96.21423036
X: 2507311
Y: 384150

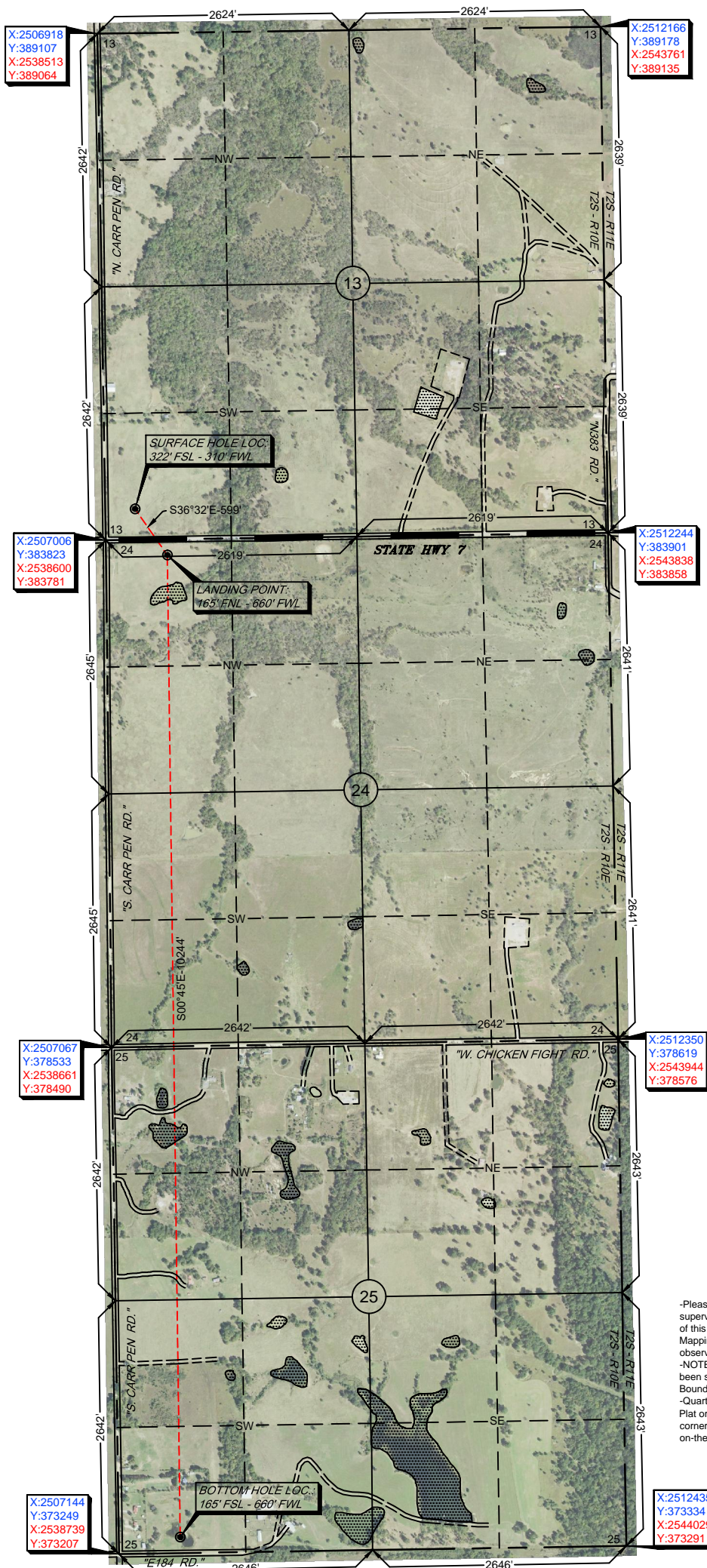
Surface Hole Loc.:
Lat: 34°22'32.64"N
Lon: 96°12'50.25"W
Lat: 34.37573263
Lon: -96.21395897
X: 2538905
Y: 384107

Landing Point:
Lat: 34°22'28.14"N
Lon: 96°12'47.08"W
Lat: 34.37448359
Lon: -96.21307644
X: 2507667
Y: 383668

Landing Point:
Lat: 34°22'27.81"N
Lon: 96°12'46.10"W
Lat: 34.37439246
Lon: -96.21280511
X: 2539262
Y: 383625

Bottom Hole Loc.:
Lat: 34°20'46.80"N
Lon: 96°12'47.63"W
Lat: 34.34633399
Lon: -96.21323189
X: 2507802
Y: 373425

Bottom Hole Loc.:
Lat: 34°20'46.48"N
Lon: 96°12'46.66"W
Lat: 34.34624315
Lon: -96.21296138
X: 2539396
Y: 373382



-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 #8290-C-B
Date Staked: 05/21/2021 By: D.W.
Date Drawn: 05/21/2021 By: S.S.
Revised SHL: 07/09/2021 By: M.K.
Revised SHL: 09/28/2021 By: J.L.

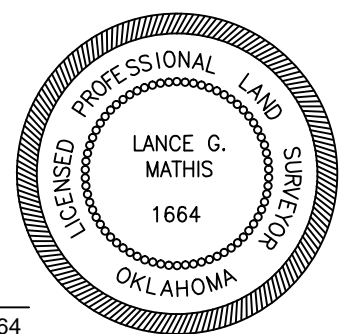
Certification:

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

10/04/2021

OK LPLS 1664





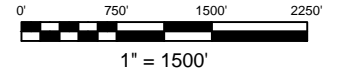
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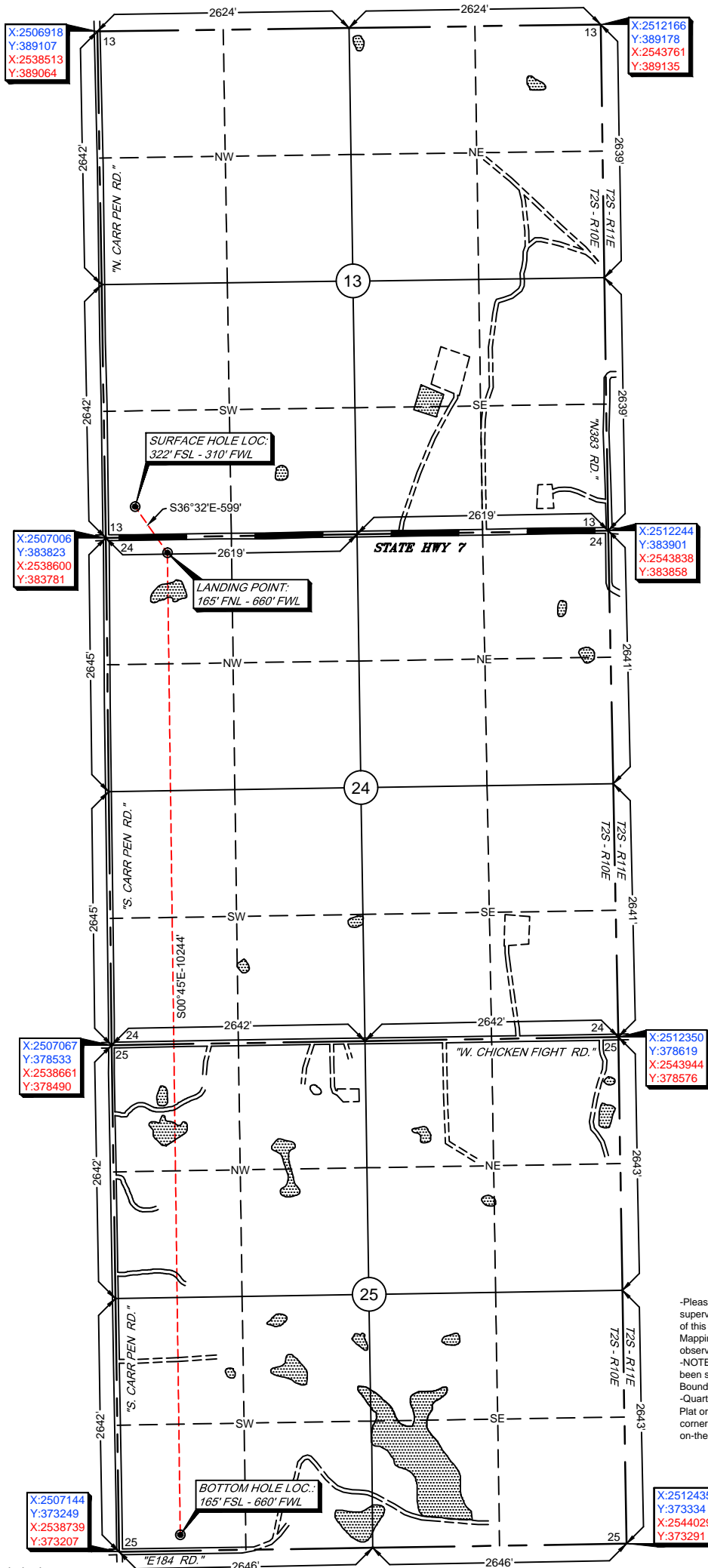
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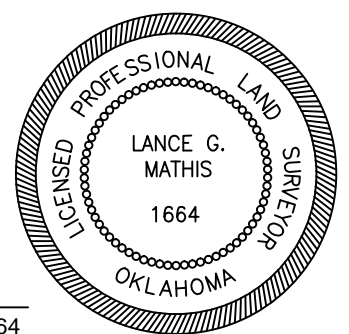
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10/04/2021

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Anti-Collision

Secs. 13, 24 & 25-2S-10E I.M.

Operator: CANYON CREEK ENERGY

Lease Name and No.: MILLIE 24/25-1H

Surface Hole Location: 322' FSL - 310' FWL

Sec.: 13 Township: 2S Range: 10E I.M.

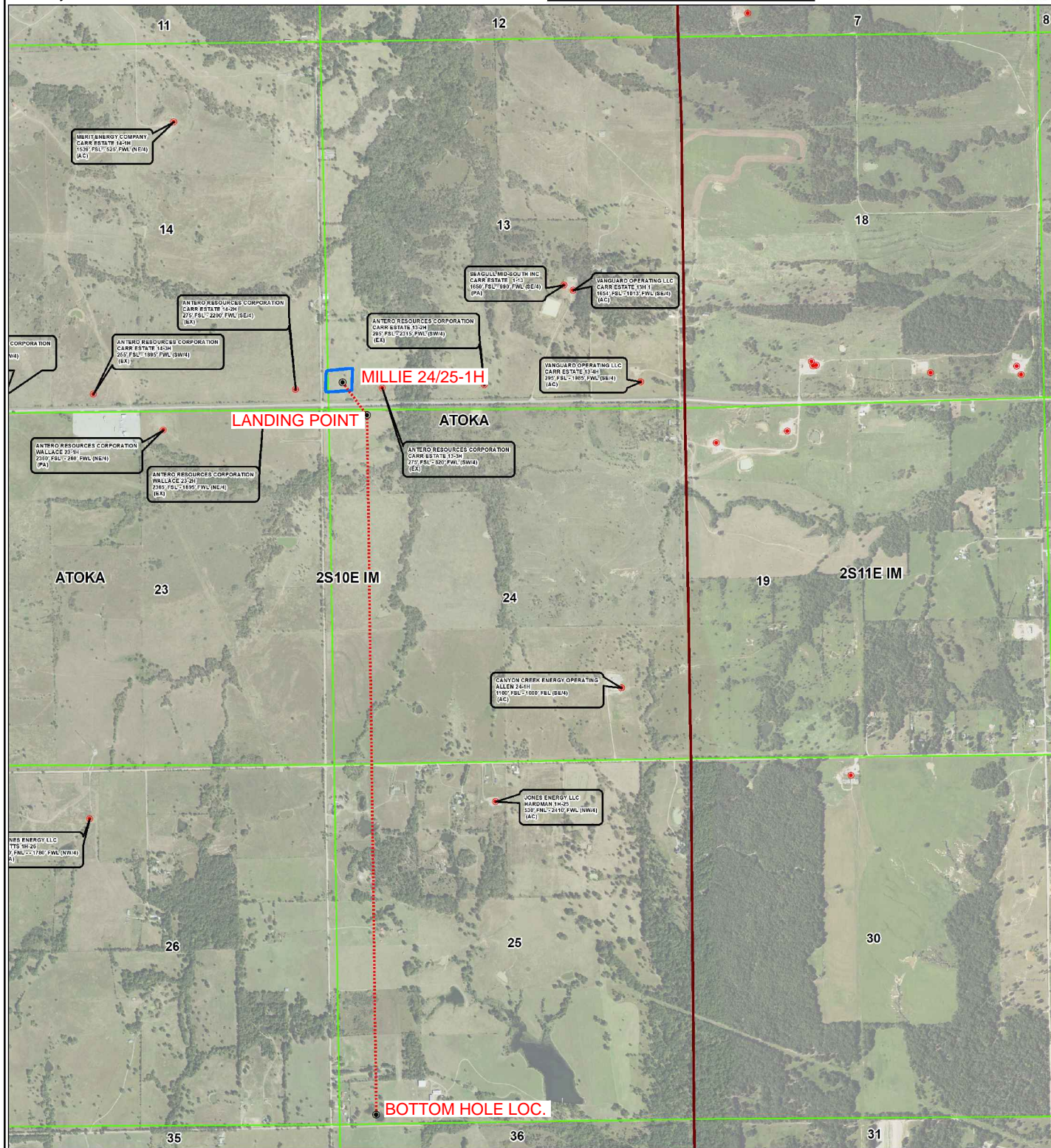
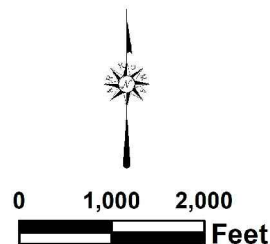
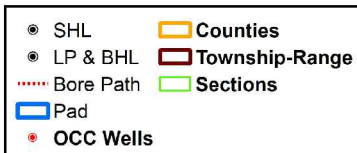
Landing Point: 165' FNL - 660' FWL

Sec.: 24 Township: 2S Range: 10E I.M.

Bottom Hole Location: 165' FSL - 660' FWL

Sec.: 25 Township: 2S Range: 10E I.M.

County: Atoka State of Oklahoma





Topographic Vicinity Map

Operator: CANYON CREEK ENERGY

Lease Name and No.: MILLIE 24/25-1H

Surface Hole Location: 322' FSL - 310' FWL

Sec.: 13 Township: 2S Range: 10E I.M.

Landing Point: 165' FNL - 660' FWL

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Bottom Hole Location: 165' FSL - 660' FWL

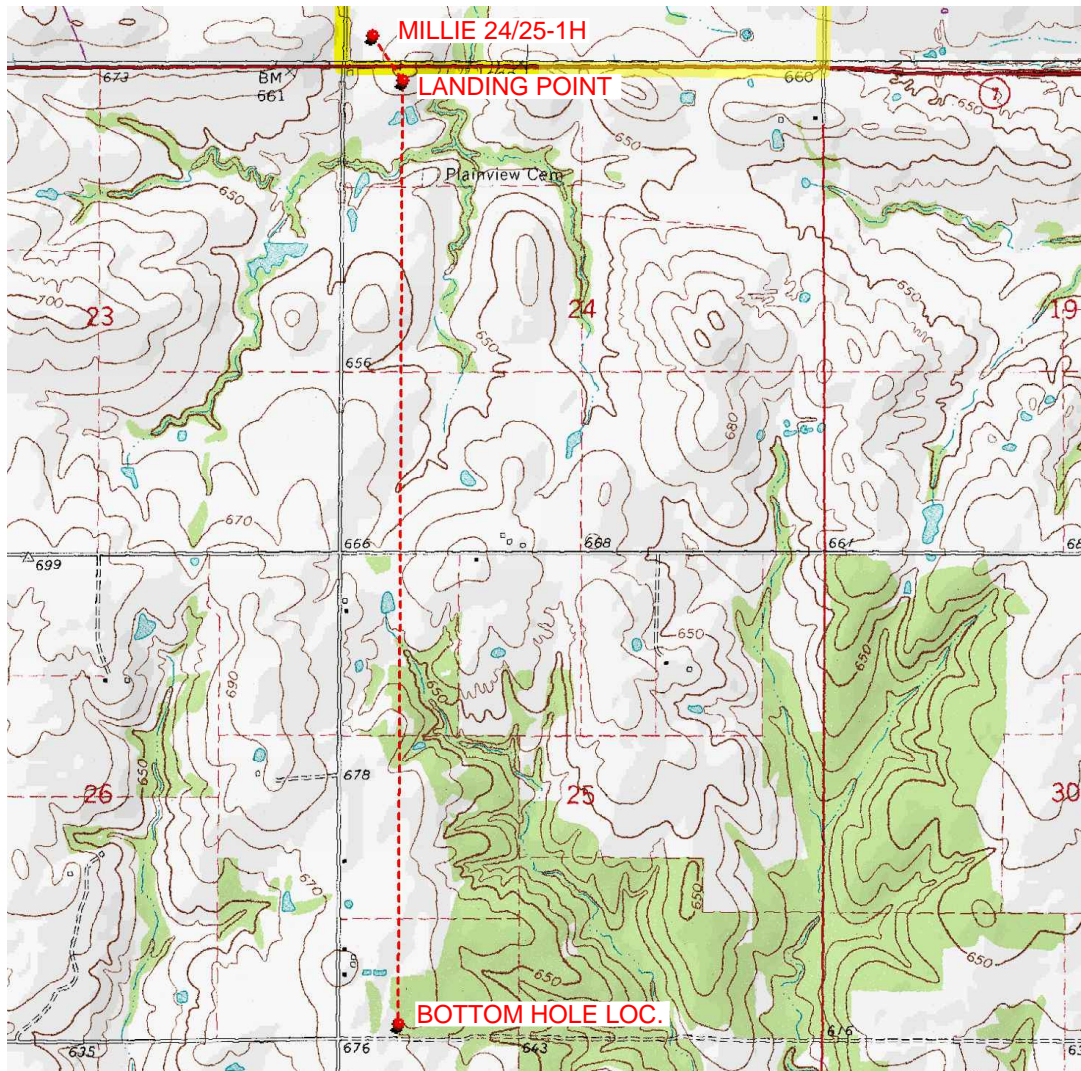
Sec.: 25 Township: 2S Range: 10E I.M.

County: Atoka State of Oklahoma

Pad Elevation at Surface Hole Location: $\pm 639'$



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: 05/21/2021

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 #: 8290-C-B

Operator: CANYON CREEK ENERGY

Lease Name and No.: MILLIE 24/25-1H

Accessibility: From the South.

Directions: From the junction of State HWY 7 & US HWY 75 in the town of Atoka, OK, go 4.5 miles West on State HWY 7 to the Southwest Quarter of Section 13-2S-10E on the North side of the road.

1 inch = 0.75 mile

provided by:
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