

API NUMBER: 029 21413

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

Approval Date: 05/02/2022
Expiration Date: 11/02/2023

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 12 Township: 3N Range: 10E County: COAL

SPOT LOCATION: SE NE SW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 766 1407

Lease Name: D5R-E Well No: 2H Well will be 766 feet from nearest unit or lease boundary.
Operator Name: CANYON CREEK ENERGY ARKOMA LLC Telephone: 9185616737 OTC/OCC Number: 24379 0

CANYON CREEK ENERGY ARKOMA LLC
615 EAST 4TH STREET
TULSA, OK 74120-3017

COAL COUNTY RANCH LLC
3334 W MAIN STREET, STE 533
NORMAN OK 73072

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

Name	Code	Depth
1 WOODFORD	319WDFD	8440

Spacing Orders: 279728
494001

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: 202201083
202201084
202201091
202201087
202201089

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 17500 Ground Elevation: 817

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 460

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:

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: 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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: THURMAN

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 located in a Hydrologically Sensitive Area.

Category of Pit: C

Liner not required for Category: C

Pit Location is: BED AQUIFER

Pit Location Formation: Thurman

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: 24	Township: 3N	Range: 10E	Meridian: IM	Total Length: 8500
	County: COAL			Measured Total Depth: 17500
Spot Location of End Point:	C	NE	SW	True Vertical Depth: 8800
Feet From: SOUTH		1/4 Section Line: 1980		End Point Location from
Feet From: WEST		1/4 Section Line: 1980		Lease, Unit, or Property Line: 1980

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
DEEP SURFACE CASING	[4/25/2022 - GC2] - 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	<p>[4/25/2022 - 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 6000NH 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>
MEMO	[4/25/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202201083	<p>[5/2/2022 - GB1] - (I.O.) 13 & 24-3N-10E EST MULTIUNIT HORIZONTAL WELL X279728 WDFD, OTHER 13-3N-10E X494001 WDFD, OTHER 24-3N-10E 70% 13-3N-10E 30% 24-3N-10E NO OP NAMED REC 4/12/22 (MOORE)</p>
PENDING CD - 202201084	<p>[5/2/2022 - GB1] - (I.O.) 13 & 24-3N-10E X279728 WDFD, OTHER 13-3N-10E X494001 WDFD, OTHER 24-3N-10E COMPL INT (13-3N-10E) NCT 165' FNL, NCT 0' FSL, NCT 1320' FWL COMPL INT (24-3N-10E) NCT 0' FNL, NCT 1980' FSL, NCT 1320' FWL NO OP NAMED REC 4/12/22 (MOORE)</p>
PENDING CD - 202201087	<p>[5/2/2022 - GB1] - 13-3N-10E X279728 WDFD 4 WELLS NO OP NAMED REC 4/12/22 (MOORE)</p>
PENDING CD - 202201089	<p>[5/2/2022 - GB1] - 24-3N-10E X494001 WDFD 4 WELLS NO OP NAMED REC 4/12/22 (MOORE)</p>
PENDING CD - 202201091	<p>[5/2/2022 - GB1] - (I.O.) 13 & 24-3N-10E X165:10-3-28(C)(2)(B) WDFD MAY BE CLOSER THAN 600' TO JORDAN 1-24H, DOUBLE 5 RANCH 1-13 NO OP NAMED REC 4/12/22 (MOORE)</p>
SPACING - 279728	<p>[5/2/2022 - GB1] - (640) 13-3N-10E EXT 121547 WDFD, OTHERS</p>
SPACING - 494001	<p>[5/2/2022 - GB1] - (640) 24-3N-10E EXT OTHERS EXT 279728 WDFD, OTHERS</p>
WATERSHED STRUCTURE	[4/25/2022 - GC2] - WELL WITHIN 1/2 MILE OF AN OKLAHOMA CONSERVATION COMMISSION WATERSHED STRUCTURE. CONTACT THE LOCAL CONSERVATION DISTRICT OFFICE AT (580) 927-3414 PRIOR TO DRILLING



Well Location Plat

S.H.L. Sec. 12-3N-10E I.M.
B.H.L. Sec. 24-3N-10E I.M.

Operator: CANYON CREEK ENERGY
Lease Name and No.: D5R-E #2H
Surface Hole Location: 766' FSL - 1407' FEL Gr. Elevation: 817'
SE/4-NE/4-SW/4-SE/4 Section: 12 Township: 3N Range: 10E I.M.
Bottom Hole Location: 1980' FSL - 1980' FWL
SE/4-NW/4-NE/4-SW/4 Section: 24 Township: 3N Range: 10E I.M.
County: Coal State of Oklahoma
Terrain at Loc.: Location fell on brushy ridge, lying Westerly from an existing well pad.



All bearings shown
are grid bearings.

0' 750' 1500' 2250'
1" = 1500'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°44'24.49"N
Lon: 96°12'04.95"W
Lat: 34.74013663
Lon: -96.20137382
X: 2508827
Y: 516781

Surface Hole Loc.:
Lat: 34°44'24.16"N
Lon: 96°12'03.94"W
Lat: 34.74004338
Lon: -96.20109438
X: 2540424
Y: 516734

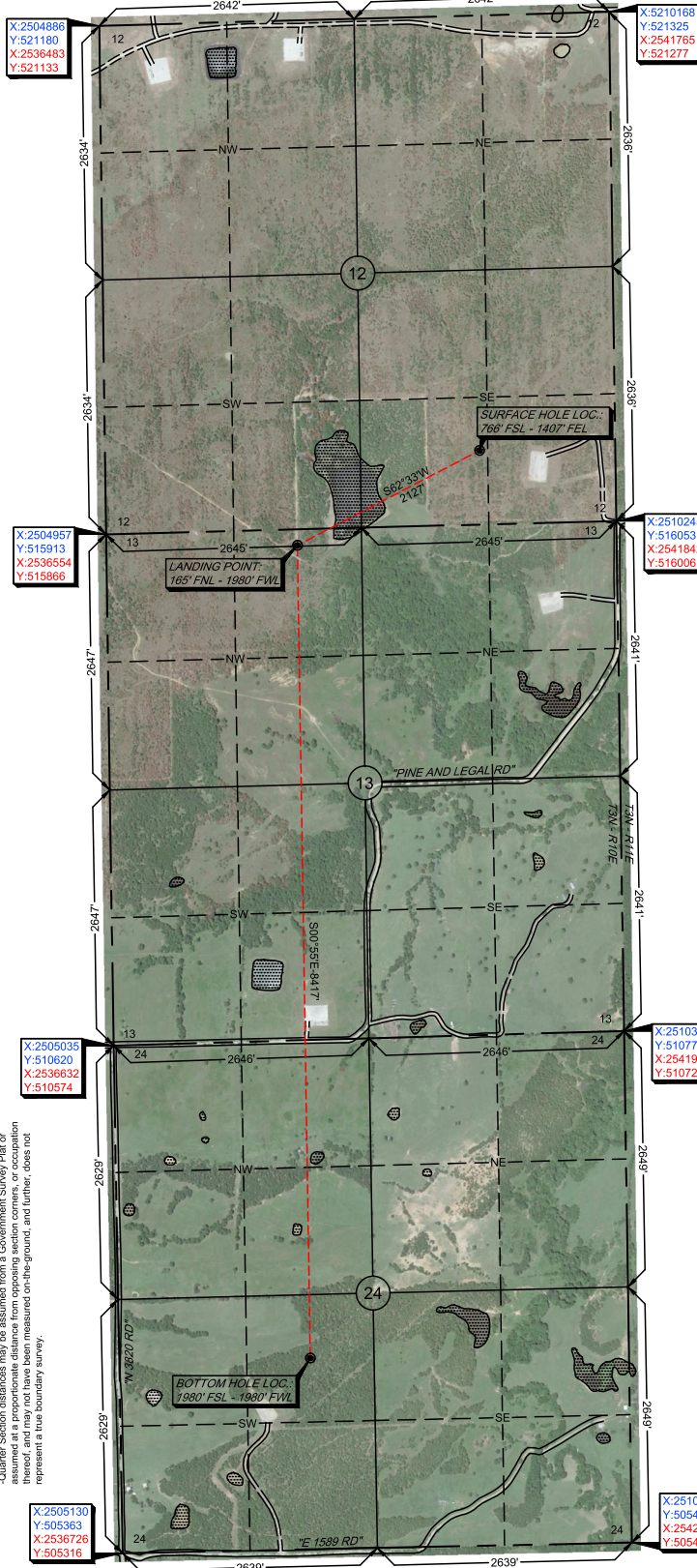
Landing Point:
Lat: 34°44'15.13"N
Lon: 96°12'27.77"W
Lat: 34.73753474
Lon: -96.20771510
X: 2506939
Y: 515801

Landing Point:
Lat: 34°44'14.79"N
Lon: 96°12'26.77"W
Lat: 34.73744155
Lon: -96.20743554
X: 2538536
Y: 515753

Bottom Hole Loc.:
Lat: 34°42'51.86"N
Lon: 96°12'27.96"W
Lat: 34.71440619
Lon: -96.20776571
X: 2507073
Y: 507384

Bottom Hole Loc.:
Lat: 34°42'51.53"N
Lon: 96°12'26.95"W
Lat: 34.71431307
Lon: -96.20748660
X: 2538670
Y: 507337

Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor. Notwithstanding to the accuracy of this survey, the accuracy of the data shown hereon 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 observed from a true boundary survey. They are assumed to be true based on the 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 #9921-A-B

Date Staked: 04/07/2022

Date Drawn: 04/06/2022

By: Z.D.

By: J.L.

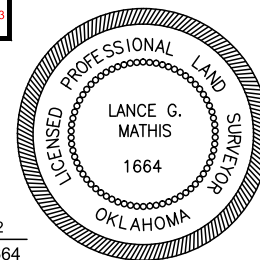
Certification:

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
LANCE G. MATHIS

04/07/2022

OK LPLS 1664





Well Location Plat

S.H.L. Sec. 12-3N-10E I.M.
B.H.L. Sec. 24-3N-10E I.M.

Operator: CANYON CREEK ENERGY
Lease Name and No.: D5R-E #2H
Surface Hole Location: 766' FSL - 1407' FEL Gr. Elevation: 817'
SE/4-NE/4-SW/4-SE/4 Section: 12 Township: 3N Range: 10E I.M.
Bottom Hole Location: 1980' FSL - 1980' FWL
SE/4-NW/4-NE/4-SW/4 Section: 24 Township: 3N Range: 10E I.M.
County: Coal State of Oklahoma
Terrain at Loc.: Location fell on brushy ridge, lying Westerly from an existing well pad.



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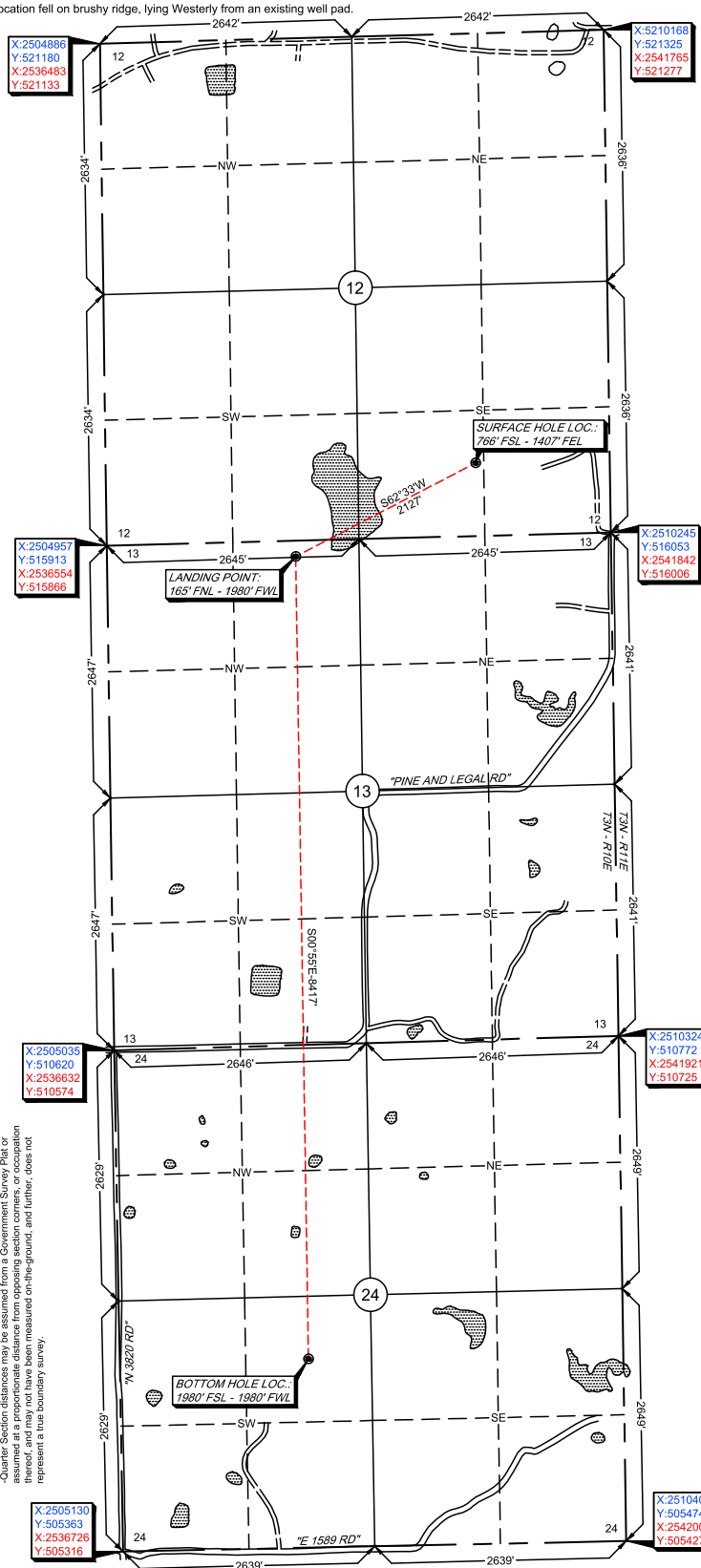
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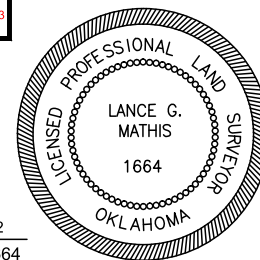
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LANCE G. MATHIS

04/07/2022

OK LPLS 1664

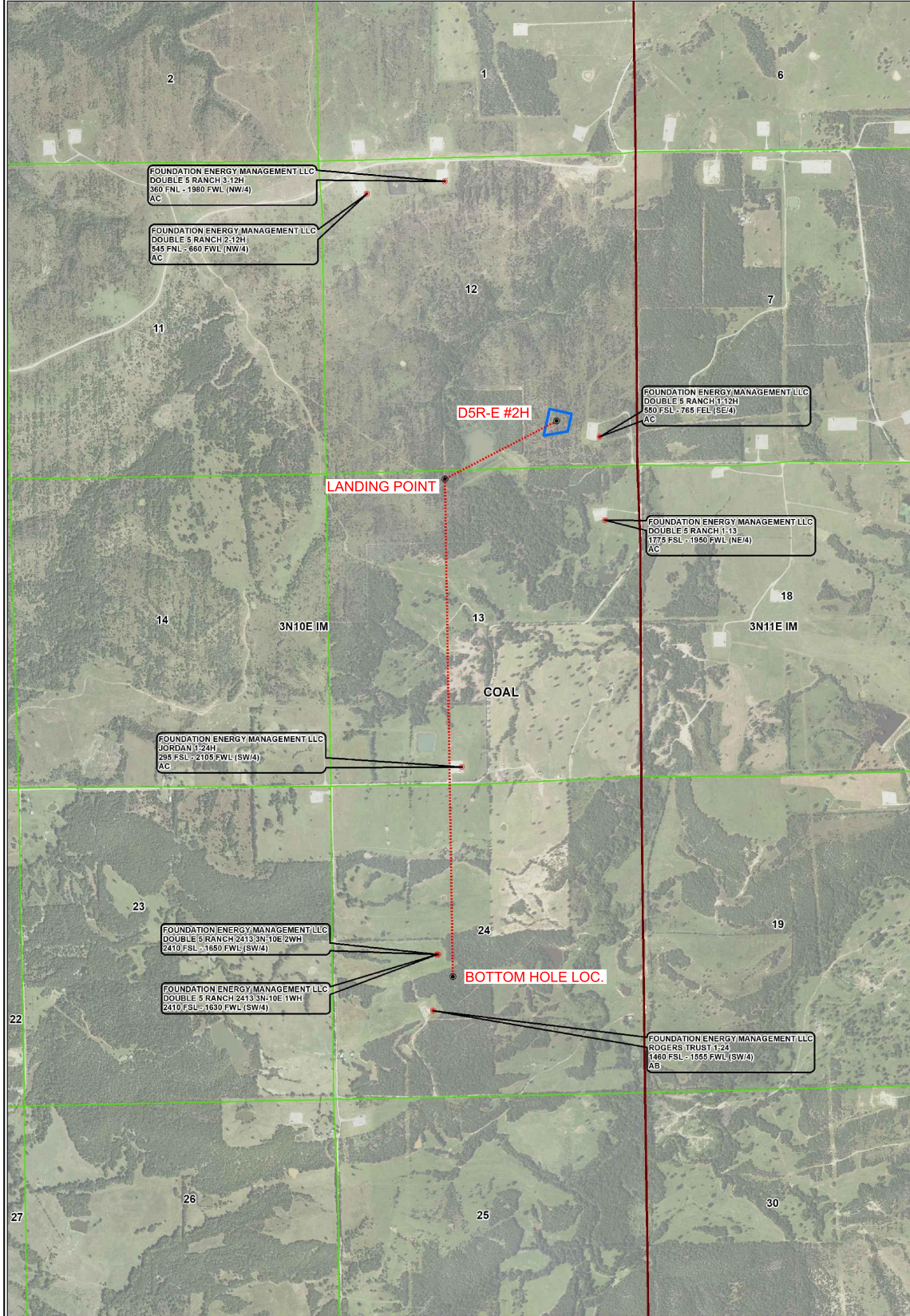
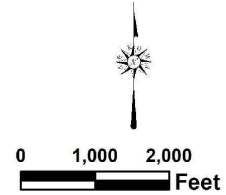




Anti-Collision

Sec(s). 12, 13, & 24-3N-10E I.M.

Operator: CANYON CREEK ENERGY
Lease Name and No.: D5R-E #2H
Surface Hole Location: 766' FSL - 1407' FEL
Sec. 12 Twp. 3N Rng. 10E I.M.
Landing Point: 165' FNL - 1980' FWL
Sec. 13 Twp. 3N Rng. 10E I.M.
Bottom Hole Location: 1980' FSL - 1980' FWL
Sec. 24 Twp. 3N Rng. 10E I.M.
County: Coal State of Oklahoma





CANYON
CREEK
ENERGY

Topographic Vicinity Map

Operator: CANYON CREEK ENERGY

Lease Name and No.: D5R-E #2H

Surface Hole Location: 766' FSL - 1407' FEL

Sec. 12 Twp. 3N Rng. 10E I.M.

Landing Point: 165' FNL - 1980' FWL

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Bottom Hole Location: 1980' FSL - 1980' FWL

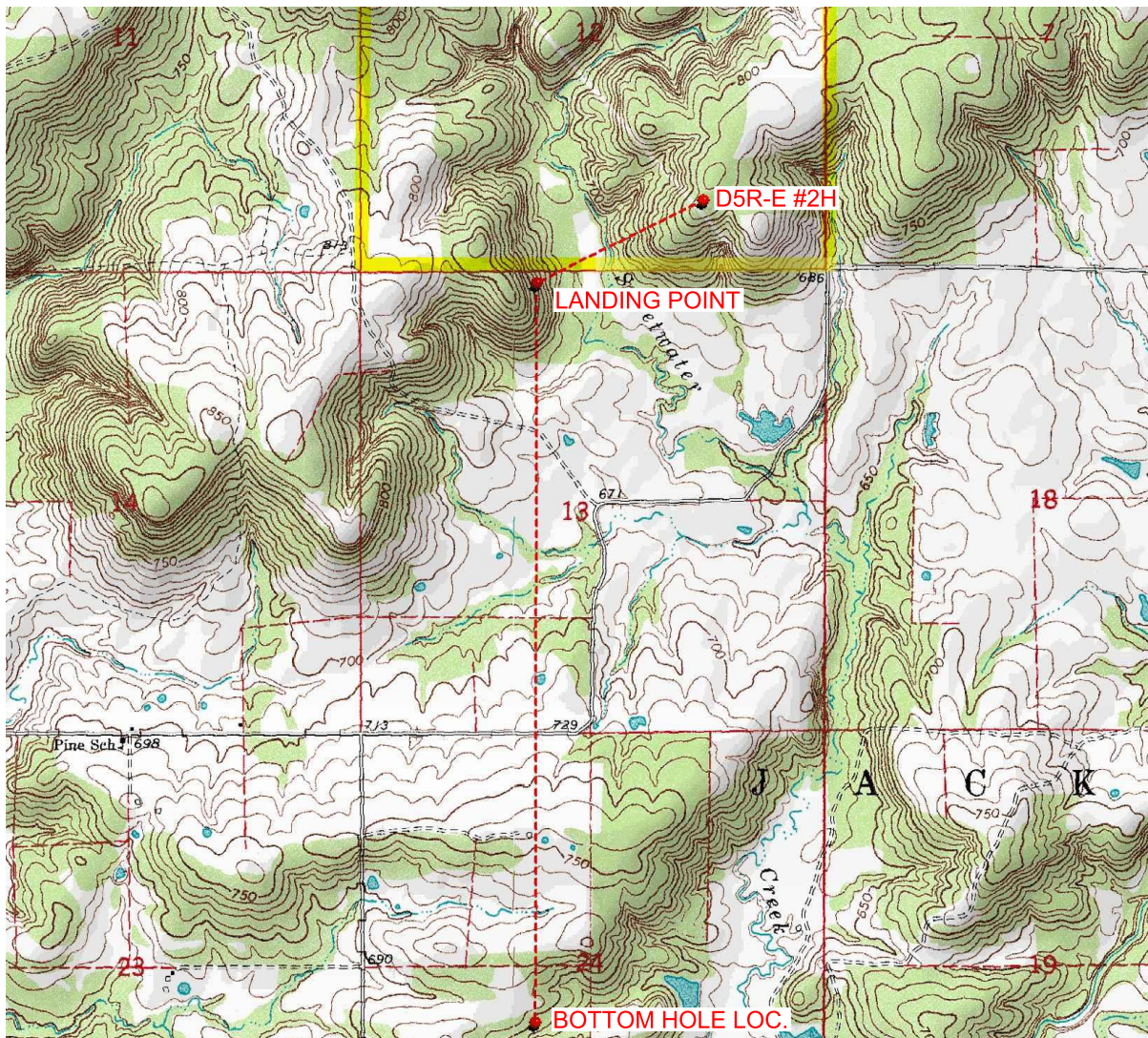
Sec. 24 Twp. 3N Rng. 10E I.M.

County: Coal State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 817'



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: 04/07/2022

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 #:9921-A-B

Operator: CANYON CREEK ENERGY

Lease Name and No.: D5R-E #2H

Accessibility: From the Southeast.

Directions: From the junction of Highway 31 and "Glass Rd." in Coal, CO., OK, go 2.0 miles West on "Glass Rd." Then 4.3 miles North on "N3840 Rd.", Then 1.1 miles West on "E1570 Rd." to the SE/4 of Section 12-3N-10E with the Proposed Site being at the end of a Proposed Lease Road on the North side of "E1570 Rd."

1 inch = 0.75 mile

provided by:
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