

API NUMBER: 063 24943

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

Approval Date: 06/08/2022

Expiration Date: 12/08/2023

Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 01 Township: 5N Range: 10E County: HUGHES

SPOT LOCATION: SE NW NW SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 2024 2271

Lease Name: COOK Well No: 2-12.13.24H Well will be 2024 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING USG LLC Telephone: 9185615600 OTC/OCC Number: 23879 0

TRINITY OPERATING USG LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

GARY V COOK & DORIS A COOK
105 3RD STREET
GERTY OK 74825

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	5650
2	WOODFORD	319WDFD	6050
3	HUNTON	269HNTN	6200

Spacing Orders: 721751
620365
659273
550277
548916

Location Exception Orders: 721418

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 17500 Ground Elevation: 771

Surface Casing: 300

Depth to base of Treatable Water-Bearing FM: 240

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 22-38153

H. (Other)

SEE MEMO

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.

PIT 1 INFORMATION**Type of Pit System:** ON SITE**Type of Mud System:** AIR

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:** 4**Liner not required for Category:** 4**Pit Location is:** AP/TE DEPOSIT**Pit Location Formation:** TERRACE

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

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 located in a Hydrologically Sensitive Area.**Category of Pit:** C**Liner not required for Category:** C**Pit Location is:** AP/TE DEPOSIT**Pit Location Formation:** TERRACE**PIT 3 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:** AP/TE DEPOSIT**Pit Location Formation:** TERRACE**MULTI UNIT HOLE 1**

Section: 24 Township: 5N Range: 10E Meridian: 1M

Total Length: 12883

County: HUGHES

Measured Total Depth: 17500

Spot Location of End Point: SE SW SW NE

True Vertical Depth: 6500

Feet From: **NORTH** 1/4 Section Line: 2488End Point Location from
Lease, Unit, or Property Line: 2158Feet From: **EAST** 1/4 Section Line: 2158**NOTES:**

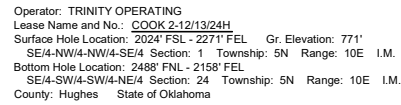
Category	Description
HYDRAULIC FRACTURING	<p>[5/26/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE 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 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>
LOCATION EXCEPTION - 721418	<p>[6/6/2022 - G56] - (I.O.) 12, 13 & 24-5N-10E X620365 MSSP, WDFD, HNTN 12-5N-10E X659273 MSSP, WDFD, HNTN 13-5N-10E X659273 MSSP, WDFD HNTN 24-5N-10E (MSSP, HNTN ARE ADJACENT CSS TO WDFD) COMPL INT (12-5N-10E) NCT 165' FNL, NCT 0' FSL, NCT 990' FEL COMPL INT (13-5N-10E) NCT 0' FNL, NCT 0' FSL, NCT 990' FEL COMPL INT (24-5N-10E) NCT 0' FNL, NCT 165' FSL, NCT 990' FEL NO OP NAMED 10/29/2021</p>
MEMO	[5/26/2022 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
SPACING - 548916	<p>[6/6/2022 - G56] - (640) 24-5N-10E VAC OTHER EST OTHES EXT 543643 WDFD</p>
SPACING - 550277	<p>[6/6/2022 - G56] - (640) 13-5N-10E VAC OTHERS EST OTHER EXT 548916 WDFD, OTHERS</p>
SPACING - 620365	<p>[6/6/2022 - G56] - (640)(HOR) 12-5N-10E EST MSSP, WDFD, HNTN COMPL INT (MSSP, HNTN) NLT 660' FB COMPL INT (WDFD) NLT 330' FB (COEXIST WITH PROD NON HOR DR & SP UNITS, SUPERSEDE NON DEVELOPED NON HOR DR & SP UNITS)</p>
SPACING - 659273	<p>[6/6/2022 - G56] - (640) 13 & 24-5NN-10E VAC 122216 HNTN VAC 568079 W2 13 & W2 24-5N-10E MSSP, WDFD, HNTN VAC 568079 E2 13 & E2 24-5N-10E MSS, HNTN EXT 565154 MSSP, HNTN</p>
SPACING - 721751	<p>[6/6/2022 - G56] - (I.O.) 12, 13 & 24-5N-10E EST MULTIUNIT HORIZONTAL WELL X620365 MSSP, WDFD, HNTN 12-5N-10E X659273 MSSP, WDFD, HNTN 13-5N-10E X659273 MSSP, WDFD HNTN 24-5N-10E (MSSP, HNTN ARE ADJACENT CSS TO WDFD) 41% 12-5N-10E 39% 13-5N-10E 20% 24-5N-10E NO OP NAMED 11/18/2021</p>



All bearings shown are grid bearings.

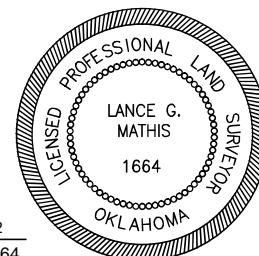
0' 750' 1500' 2250'

1" = 1500'



Bottom Hole Loc.:
Lat: 34°53'28.24"N
Lon: 96°12'05.58"W
Lat: 34.89117732
Lon: -96.20155091
X: 2539307
Y: 571726

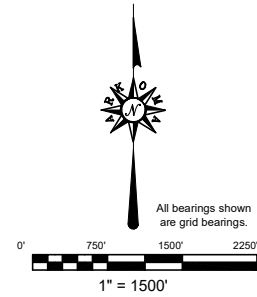
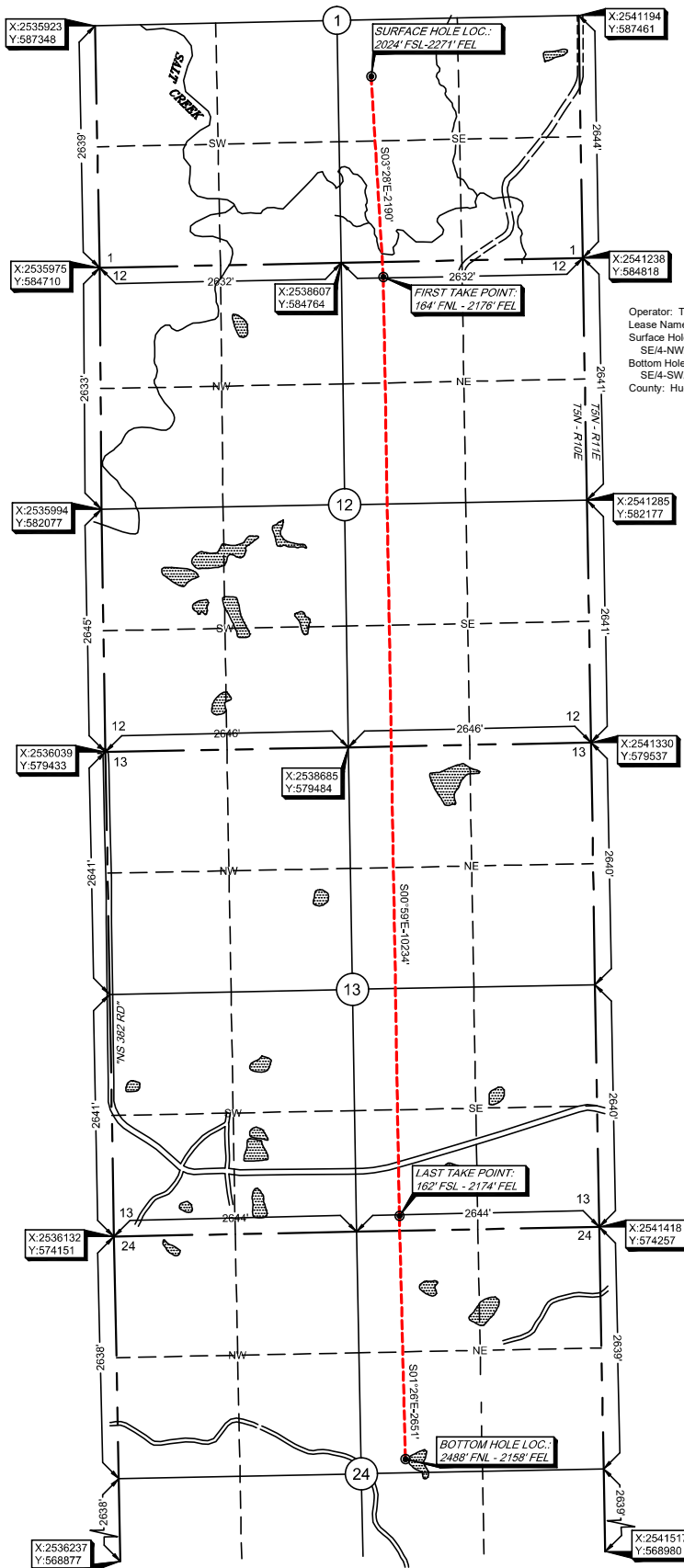
OK LPLS 1664





Well Location Plat

S.H.L. Sec. 1-5N-10E I.M.
B.H.L. Sec. 24-5N-10E I.M.



Operator: TRINITY OPERATING
Lease Name and No.: COOK 2-12/13/24H
Surface Hole Location: 2024' FSL - 2271' FEL Gr. Elevation: 771'
SE/4-NW/4-NW/4-SE/4 Section: 1 Township: 5N Range: 10E I.M.
Bottom Hole Location: 2488' FNL - 2158' FEL
SE/4-SW/4-SW/4-NE/4 Section: 24 Township: 5N Range: 10E I.M.
County: Hughes State of Oklahoma

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°55'57.33"N
Lon: 96°12'06.84"W
Lat: 34.93259304
Lon: -96.20190124
X: 2538933
Y: 586795

First Take Point:
Lat: 34°55'35.69"N
Lon: 96°12'05.72"W
Lat: 34.92658174
Lon: -96.20158907
X: 2539066
Y: 584609

Last Take Point:
Lat: 34°53'54.46"N
Lon: 96°12'05.81"W
Lat: 34.89846075
Lon: -96.20161353
X: 2539241
Y: 574376

Bottom Hole Loc.:
Lat: 34°53'28.24"N
Lon: 96°12'05.58"W
Lat: 34.89117732
Lon: -96.20155091
X: 2539307
Y: 571726

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 inaccuracy is determined. GPS data is obtained from RINEX GPS survey data collected 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 monuments and that they have been measured on the ground, and further, does not represent a true Boundary Survey.

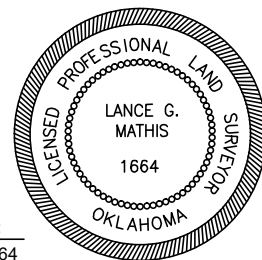
Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2022

Invoice #9822-B
Date Staked: 01/12/2022 By: Z.D.
Date Drawn: 01/13/2022 By: S.S.
Added Bore Path: 02/17/2022 By: J.L.
Revised Bore FTP/LTP: 05/25/2022 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
05/26/2022
OK LPLS 1664

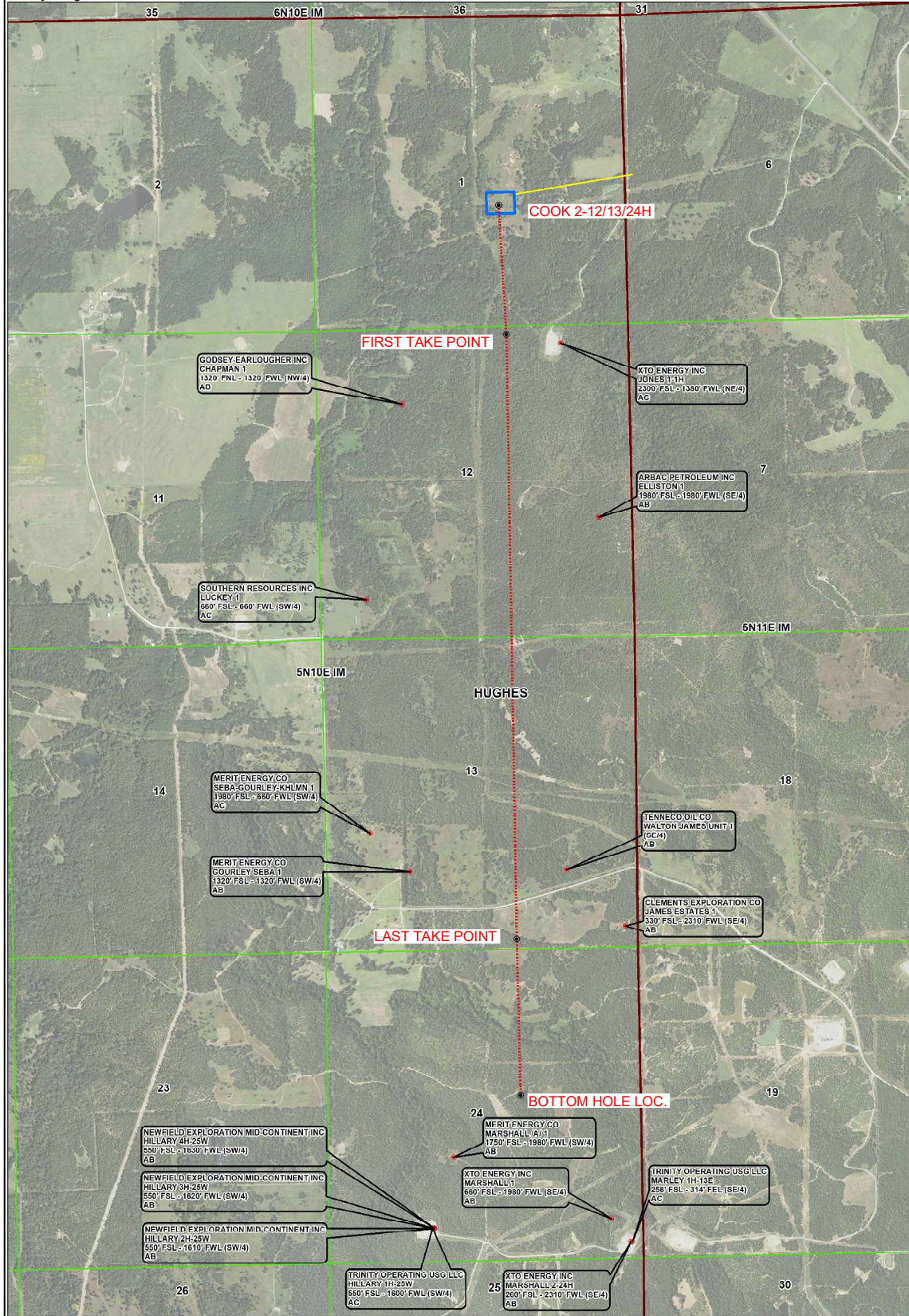
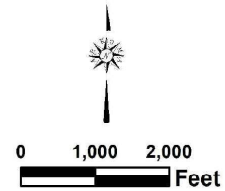




Anti-Collision

Sec(s). 1, 12, 13, & 24-5N-10E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: COOK 2-12/13/24H
Surface Hole Location: 2024' FSL - 2271' FEL
Sec. 1 Twp. 5N Rng. 10E I.M.
First Take Point: 164' FNL - 2176' FEL
Sec. 12 Twp. 5N Rng. 10E I.M.
Last Take Point: 162' FSL - 2174' FEL
Sec. 13 Twp. 5N Rng. 10E I.M.
Bottom Hole Location: 2488' FNL - 2158' FEL
Sec. 24 Twp. 5N Rng. 10E I.M.
County: Hughes State of Oklahoma



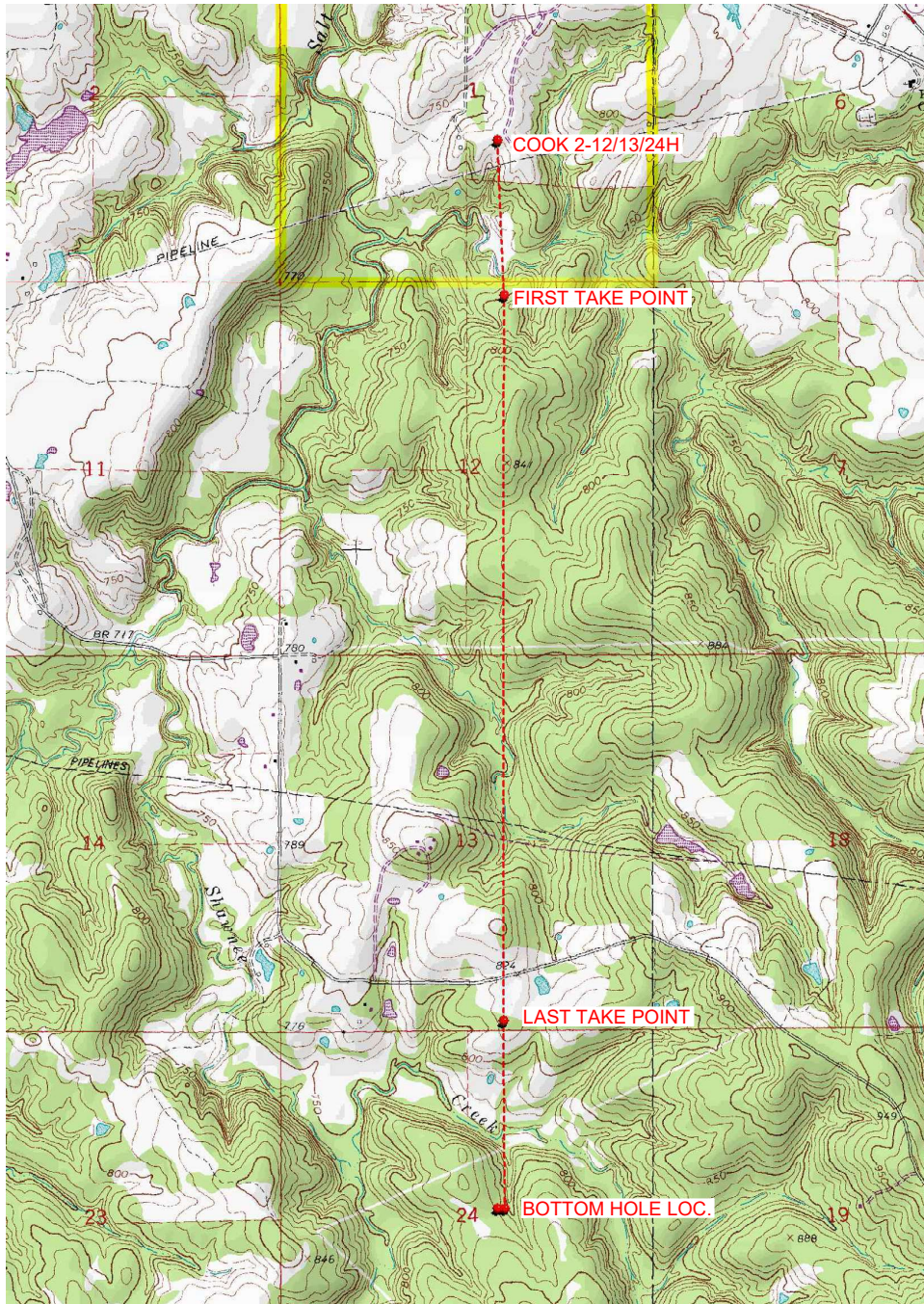


Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: COOK 2-12/13/24H
Surface Hole Location: 2024' FSL - 2271' FEL
Sec. 1 Twp. 5N Rng. 10E I.M.
First Take Point: 164' FNL - 2176' FEL
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Last Take Point: 162' FSL - 2174' FEL
Sec. 13 Twp. 5N Rng. 10E I.M.
Bottom Hole Location: 2488' FNL - 2158' FEL
Sec. 24 Twp. 5N Rng. 10E I.M.
County: Hughes State of Oklahoma
Ground Elevation at Surface Hole Location: 771'



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: 01/12/2022

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 #: 9822-B

Operator: TRINITY OPERATING

Lease Name and No.: COOK 2-12/13/24H

Accessibility: From the North.

Directions: From the junction of Highway 270 & "N3830 Rd." in Hughes, CO., OK, go 0.4 miles South on "N3830 Rd.". Then 0.5 miles South on an existing lease road, Then 0.4 miles on a proposed lease road to the SE/4 of Section 1-5N-10E with the Proposed Site being at the end of said road.

1 inch = 0.25 mile

provided by:
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P.O. Box 236 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
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Expires June 30, 2022

