

API NUMBER: 121 24879

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

Approval Date: 09/24/2021

Expiration Date: 03/24/2023

Horizontal Hole

Oil & Gas

**PERMIT TO DRILL**

WELL LOCATION: Section: 16 Township: 7N Range: 13E County: PITTSBURG

SPOT LOCATION:     FEET FROM QUARTER: FROM SOUTH FROM EAST  
SECTION LINES: 2375 2385

Lease Name: CLIFTON

Well No: 1-21/28H

Well will be 2375 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

LARRY D CLIFTON & SUSAN C CLIFTON  
975 SCPIO LANE  
MCALESTER OK 74501

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	5650
2	WOODFORD	319WDFD	6200
3	SYLVAN	203SLVN	6300

Spacing Orders: 716072

Location Exception Orders: 720538

Increased Density Orders: No Density

Pending CD Numbers: No Pending

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

Special Orders: No Special

Total Depth: 17500

Ground Elevation: 701

Surface Casing: 280

Depth to base of Treatable Water-Bearing FM: 230

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

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

PERMIT NO: 21-37847

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**HORIZONTAL HOLE 1**

Section: 28 Township: 7N Range: 13E Meridian: 1M

Total Length: 10300

County: PITTSBURG

Measured Total Depth: 17500

Spot Location of End Point: SE SE SE SW

True Vertical Depth: 6500

Feet From: **SOUTH** 1/4 Section Line: 1End Point Location from  
Lease, Unit, or Property Line: 1Feet From: **WEST** 1/4 Section Line: 2410**NOTES:**

Category	Description
HYDRAULIC FRACTURING	<p>[9/22/2021 - 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 6000NH 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>
LOCATION EXCEPTION - 720538	<p>[9/24/2021 - GB1] - (I.O.) 21 &amp; 28-7N-13E  X716072 MSSP, WDFD, SLVN  COMPL INT (21-7N-13E) NCT 165' FNL, NCT 660' FWL  COMPL INT (28-7N-13E) NCT 165' FSL, NCT 660' FWL  TRINITY OPERATING (USG) LLC  9/13/21</p>
MEMO	<p>[9/22/2021 - GC2] - PITS 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT</p>
SPACING - 716072	<p>[9/24/2021 - GB1] - (1280)(HOR) 21 &amp; 28-7N-13E  EST MSSP, WDFD, SLVN  COMPL INT (MSSP) NCT 660' FB  COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL  COMPL INT (SLVN) NCT 330' FB</p>



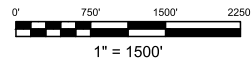
# Well Location Plat

S.H.L. Sec. 16-7N-13E I.M.  
B.H.L. Sec. 28-7N-13E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: CLIFTON 1-21/28H  
Surface Hole Location: 2375' FSL - 2385' FEL Gr. Elevation: 701'  
NW/4-NW/4-NW/4-SE/4 Section: 16 Township: 7N Range: 13E I.M.  
Bottom Hole Location: 1' FSL - 2410' FWL  
SE/4-SE/4-SE/4-SW/4 Section: 28 Township: 7N Range: 13E I.M.  
County: Pittsburg State of Oklahoma  
Terrain at Loc.: Location fell in a hayfield.



All bearings shown  
are grid bearings.



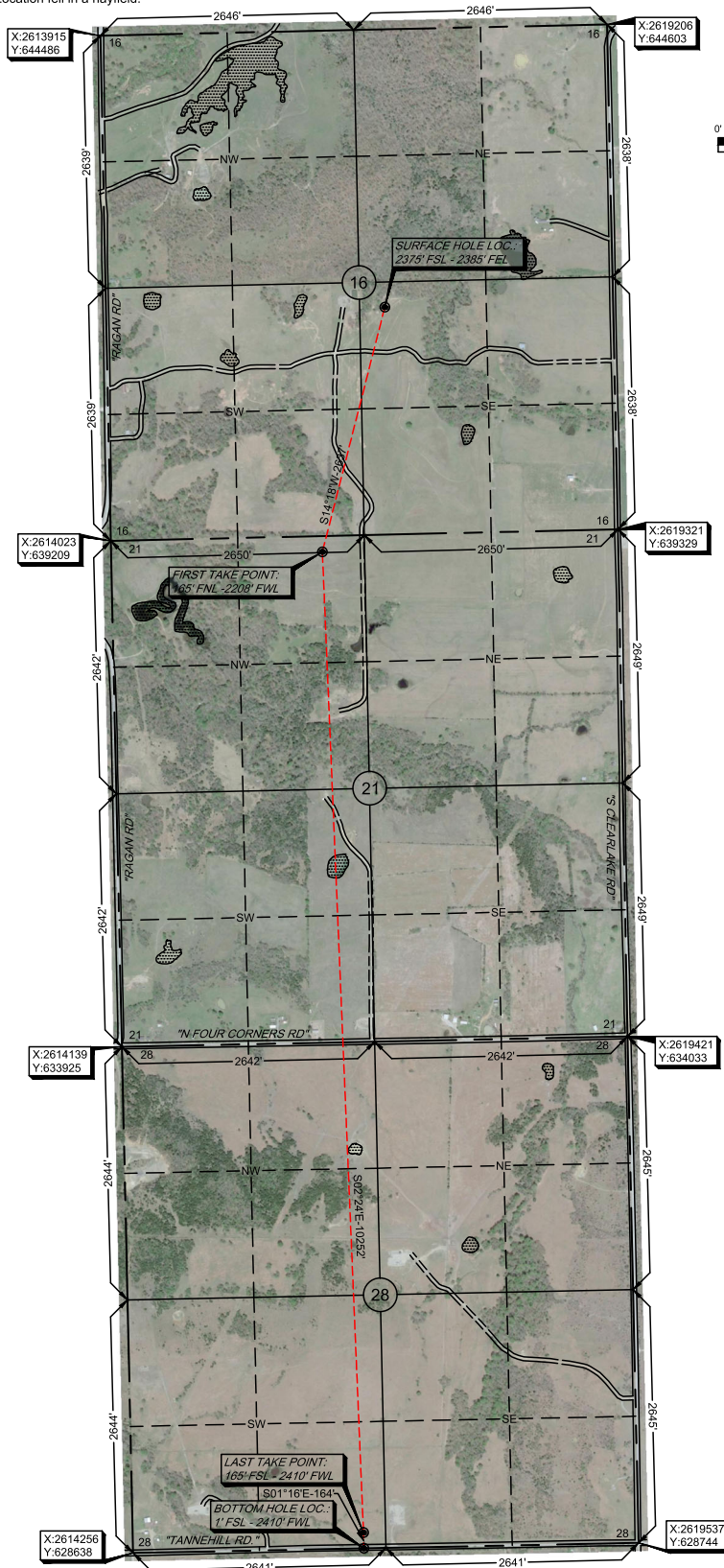
GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°04'45.08"N  
Lon: 95°56'17.35"W  
Lat: 35.07918916  
Lon: -95.93815244  
X: 2616885  
Y: 641649

First Take Point:  
Lat: 35°04'19.94"N  
Lon: 95°56'25.81"W  
Lat: 35.07220620  
Lon: -95.94050368  
X: 2616234  
Y: 639094

Last Take Point:  
Lat: 35°02'38.56"N  
Lon: 95°56'23.18"W  
Lat: 35.04404508  
Lon: -95.93977141  
X: 2616662  
Y: 628851

Bottom Hole Loc.:  
Lat: 35°02'36.94"N  
Lon: 95°56'23.17"W  
Lat: 35.04359448  
Lon: -95.93977046  
X: 2616666  
Y: 628687



-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 discrepancy is determined. GPS data is obtained from RTK - GPS. The survey was conducted on the ground and the survey was not a true boundary survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed as a proportionate distance from opposing section corners, or occupation recorded as they may not have been measured on-the-ground, and further, does not represent a true boundary survey.

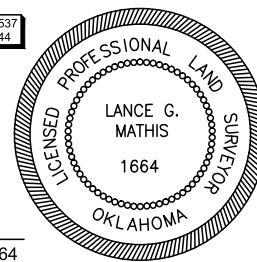
Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2022

## 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.

Invoice #9517-A-A  
Date Staked: 08/30/2021 By: H.S.  
Date Drawn: 09/07/2021 By: J.L.  
Rev. SHL name/ added FTP,LTP, BHL 09/16/2021

*Lance G. Mathis*  
LANCE G. MATHIS  
09/17/2021  
OK LPLS 1664





# Well Location Plat

S.H.L. Sec. 16-7N-13E I.M.  
B.H.L. Sec. 28-7N-13E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: CLIFTON 1-21/28H  
Surface Hole Location: 2375' FSL - 2385' FEL Gr. Elevation: 701'  
NW/4-NW/4-NW/4-SE/4 Section: 16 Township: 7N Range: 13E I.M.  
Bottom Hole Location: 1' FSL - 2410' FWL  
SE/4-SE/4-SE/4-SW/4 Section: 28 Township: 7N Range: 13E I.M.  
County: Pittsburg State of Oklahoma  
Terrain at Loc.: Location fell in a hayfield.



All bearings shown  
are grid bearings.

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

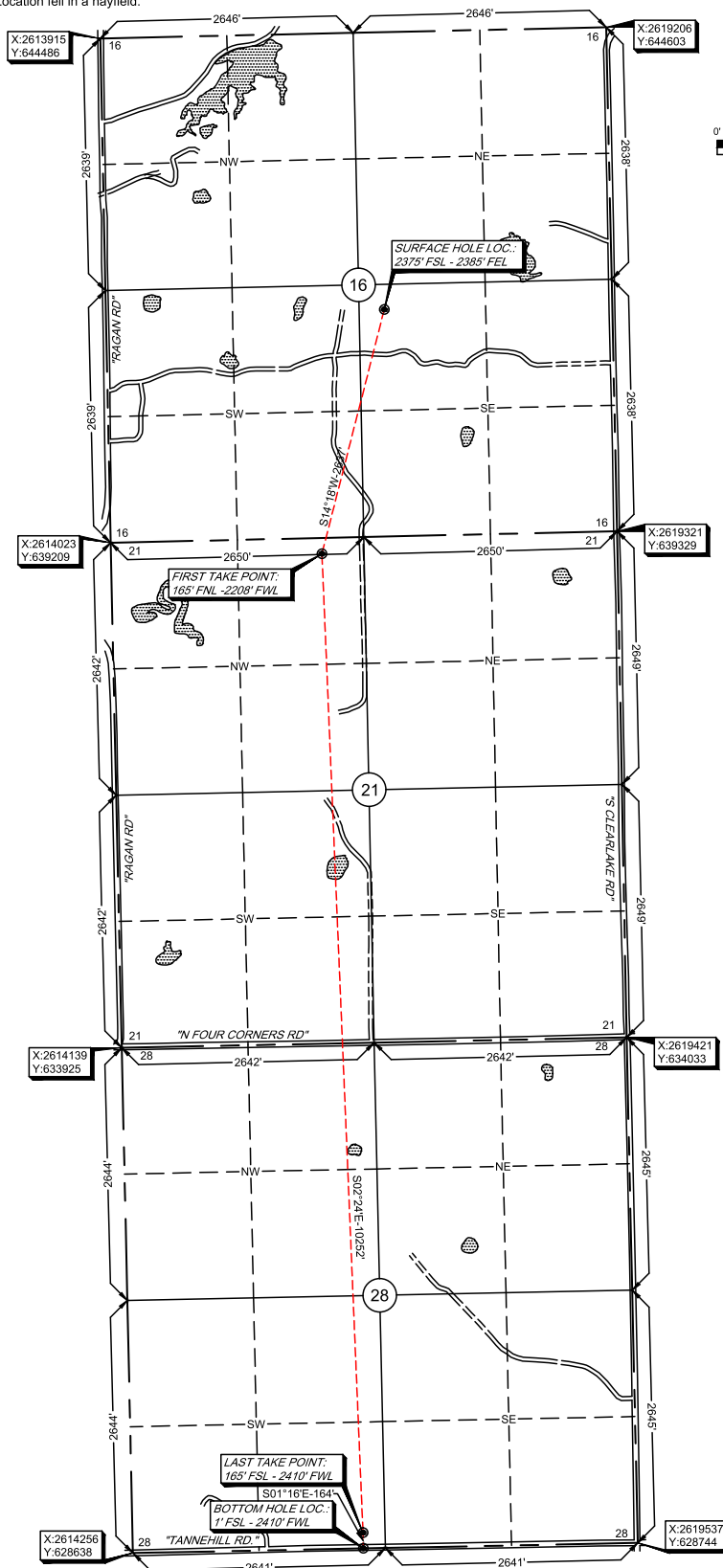
GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°04'45.08"N  
Lon: 95°56'17.35"W  
Lat: 35.07918916  
Lon: -95.93815244  
X: 2616885  
Y: 641649

First Take Point:  
Lat: 35°04'19.94"N  
Lon: 95°56'25.81"W  
Lat: 35.07220620  
Lon: -95.94050368  
X: 2616234  
Y: 639094

Last Take Point:  
Lat: 35°02'38.56"N  
Lon: 95°56'23.18"W  
Lat: 35.04404508  
Lon: -95.93977141  
X: 2616662  
Y: 628851

Bottom Hole Loc.:  
Lat: 35°02'36.94"N  
Lon: 95°56'23.17"W  
Lat: 35.04359448  
Lon: -95.93977046  
X: 2616666  
Y: 628687



-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 discrepancy is determined. GPS data is obtained from RTK GPS. No warranty is made by the undersigned as to the accuracy of the data shown. 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 recorded, as may not have been measured on-the-ground, and further, does not represent a true boundary survey.

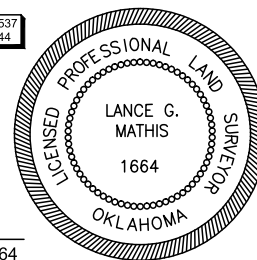
Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2022

## 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.

Invoice #9517-A-A  
Date Staked: 08/30/2021 By: H.S.  
Date Drawn: 09/07/2021 By: J.L.  
Rev. SHL name/ added FTP,LTP, BHL 09/16/2021

*Lance G. Mathis*  
LANCE G. MATHIS  
09/17/2021  
OK LPLS 1664

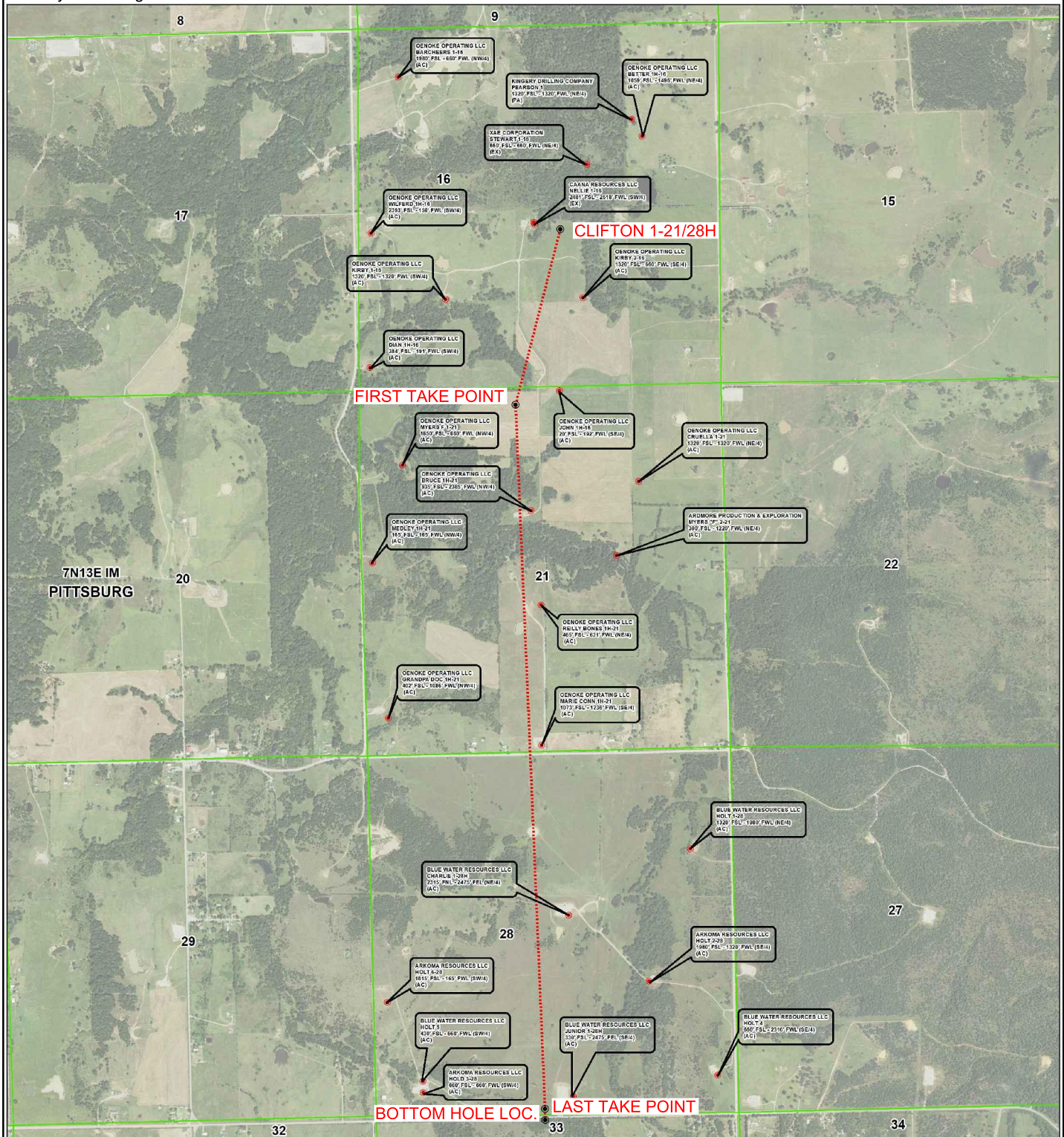






County: Pittsburg      State of Oklahoma

- 







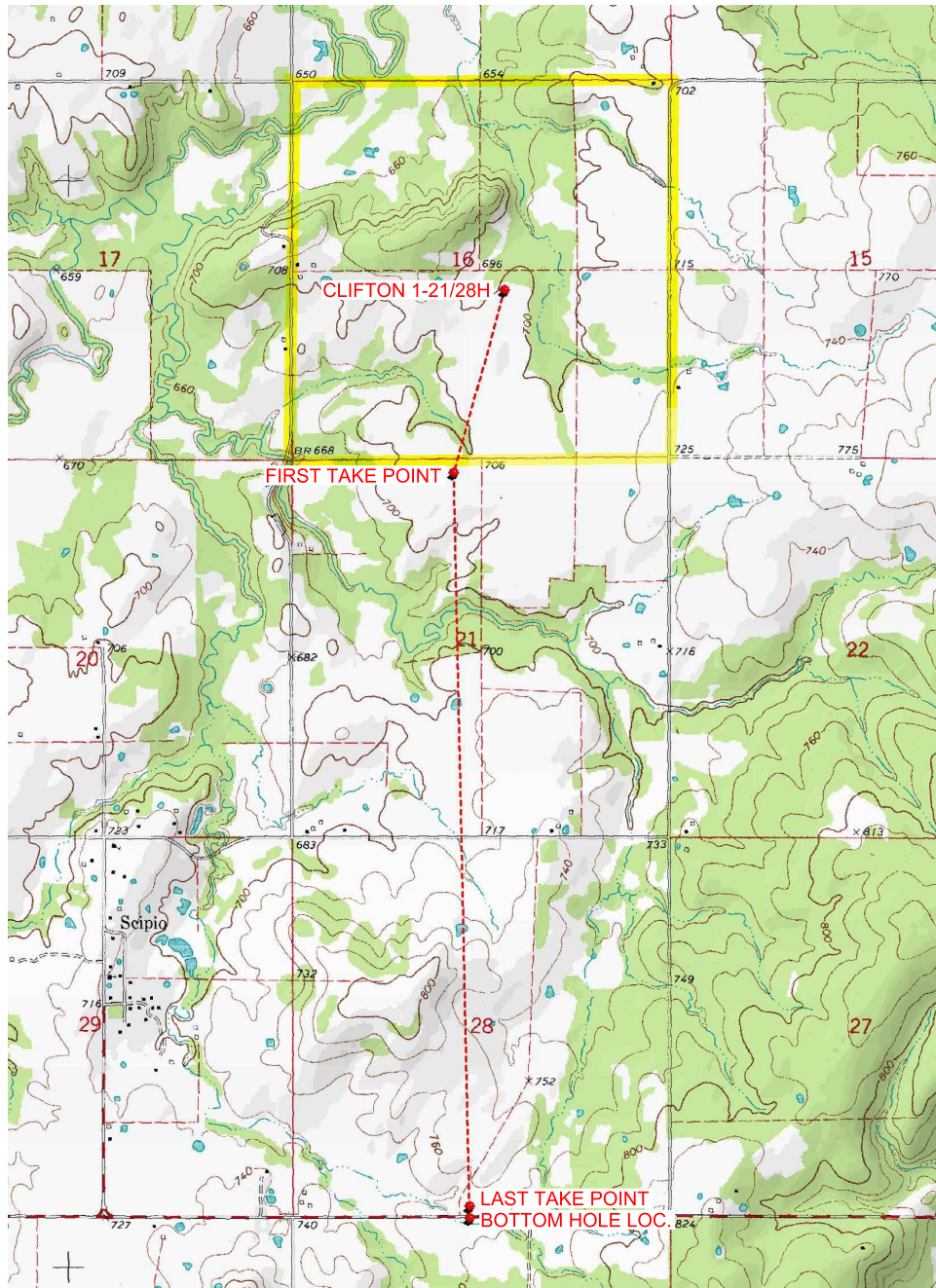
# Topographic Vicinity Map

Operator: TRINITY OPERATING  
Lease Name and No.: CLIFTON 1-21/28H  
Surface Hole Location: 2375' FSL - 2385' FEL  
Sec. 16 Twp. 7N Rng. 13E I.M.  
First Take Point: 165' FNL - 2208' FWL  
Sec. 21 Twp. 7N Rng. 13E I.M.  
Last Take Point: 165' FSL - 2410' FWL  
Bottom Hole Location: 1' FSL - 2410' FWL  
Sec. 28 Twp. 7N Rng. 13E I.M.  
County: Pittsburg State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 20'

Ground Elevation at Surface Hole Location: 701'



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: 08/30/21

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 #: 9517-A-A

Operator: TRINITY OPERATING

Lease Name and No.: CLIFTON 1-21/28H

Accessibility: From the Southwest.

Directions: From the town of Scipio, OK head North on "N3965 Rd." in Pittsburg County, OK, approximately 0.25 mile. Then 0.50 mile East on "Four Corners Rd." Then North on "N3970 Rd." 1.25 miles to a existing lease road. Follow lease road 0.60 mile to the NE/4 of Section 16-7N-13E.



1 inch = 0.36 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, 2022

