

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

API NUMBER: 121 24867

Approval Date: 10/09/2019

Expiration Date: 04/09/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 8N Rge: 17E

County: PITTSBURG

SPOT LOCATION: ☐ SE ☐ NW ☐ NW ☐ SW

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 2275 285

Lease Name: TAMARA

Well No: 3-33/28/21H

Well will be 285 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

DAVID & SAMANTHA PRYOR
5676 LICK CREEK RD
QUINTON OK 74561

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

	Name	Depth	Name	Depth
1	MAYES	7401	6	
2	WOODFORD	7795	7	
3	HUNTON	7850	8	
4	SYLVAN	7860	9	
5			10	

Spacing Orders: 701689
685305
124204
99845
130382

Location Exception Orders: 701690

Increased Density Orders: 688051
688052

Pending CD Numbers: 201902661
201902662
201803268

Special Orders:

Total Depth: 17453

Ground Elevation: 692

Surface Casing: 140

Depth to base of Treatable Water-Bearing FM: 90

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

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

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents.

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874

H. 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 2 INFORMATION

Type of Pit System: ON SITE

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: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: BOGGY

PIT 3 INFORMATION

Type of Pit System: ON SITE

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: 3

Liner required for Category: 3

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 21 Twp 8N Rge 17E County PITTSBURG

Spot Location of End Point: SE SW NE SE

Feet From: SOUTH 1/4 Section Line: 1500

Feet From: EAST 1/4 Section Line: 830

Depth of Deviation: 9500

Radius of Turn: 411

Direction: 350

Total Length: 7308

Measured Total Depth: 17453

True Vertical Depth: 7860

End Point Location from Lease,
Unit, or Property Line: 830

Notes:

Category	Description
HYDRAULIC FRACTURING	9/26/2019 - GC2 - OCC 165:10-3-10 REQUIRES: 1) PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE; 2) WITH NOTICE ALSO GIVEN 48 HOURS IN ADVANCE OF HYDRAULIC FRACTURING ALL WELLS TO BOTH THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES, USING THE "FRAC NOTICE FORM" FOUND AT THE FOLLOWING LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND, 3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: FRACFOCUS.ORG
INCREASED DENSITY - 688051	10/8/2019 - GC2 - 28-8N-17E X685305 WDFD 2 WELLS NO OP. NAMED 12-11-2018
INCREASED DENSITY - 688052	10/8/2019 - GC2 - 33-8N-17E X685305 WDFD 2 WELL NO OP. NAMED 12/11/2018
LOCATION EXCEPTION - 701690	10/8/2019 - GC2 - (I.O.) 21, 28, & 33-8N-17E X685305 MYES, WDFD, SLVN 21, 28, & 33-8N-17E X136553 HNTN 21-8N-17E *** X124204 HNTN 28-8N-17E X99845 HNTN 33-8N-17E COMPL. INT. (33-8N-17E) NCT 2,640' FSL, NCT 0' FNL, NCT 380' FEL COMPL. INT. (28-8N-17E) NCT 0' FNL, NCT 0' FSL, NCT 380' FEL COMPL. INT. (21-8N-17E) NCT 2,640' FNL, NCT 0' FSL, NCT 380' FEL TRINITY OPERATING (USG), LLC 9-4-2019 *** S/B SP 130382 HNTN 21-8N-17E; NPT FILED TO CORRECT PER ATTORNEY FOR OPR
MEMO	9/26/2019 - GC2 - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201803268	10/9/2019 - GC2 - (I.O.) 21-8N-17E X685305 WDFD 2 WELLS NO OP. NAMED HEARING 10-18-2019
PENDING CD - 201902661	10/8/2019 - GB1 - NPT TO CORRECT MU IO 701689 PARAGRAPH 9 TO STATE SP 130382 HNTN 21-8N-17E
PENDING CD - 201902662	10/8/2019 - GB1 - NPT TO CORRECT LE IO 701690 PARAGRAPH 6 TO STATE SP 130382 HNTN 21-8N-17E
SPACING - 124204	(640) 28-8N-17E EXT 92138 HNTN, OTHERS EXT OTHER
SPACING - 130382	10/8/2019 - GC2 - (640) 21-8N-17E EXT 124204 HNTN, OTHERS
SPACING - 685305	10/8/2019 - GC2 - (640)(HOR) 21, 28, & 33-8N-17E EST MYES, WDFD, SLVN COMPL. INT. (MYES) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL COMPL. INT. (SLVN) NCT 330' FB

SPACING - 701689

10/8/2019 - GC2 - (I.O.) 21, 28, & 33-8N-17E
EST MULTIUNIT HORIZONTAL WELL
X685305 MYES, WDFD, SLVN 21, 28, & 33-8N-17E
X136553 HNTN 21-8N-17E ***
X124204 HNTN 28-8N-17E
X99845 HNTN 33-8N-17E
(MYES, HNTN, SLVN ASSOCIATED COMMON SOURCE OF SUPPLY TO WDFD)
16% 21-8N-17E
56% 28-8N-17E
28% 33-8N-17E
TRINITY OPERATING (USG), LLC
9-4-2019

***S/B SP 130382 HNTN 21-8N-17E; NPT FILED TO CORRECT PER ATTORNEY FOR OPR

SPACING - 99845

10/8/2019 - GC2 - (640) 33-8N-17E
EXT 92138 HNTN, OTHERS



Well Location Plat

S.H.L. Sec. 34-8N-17E I.M.
B.H.L. Sec. 21-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: TAMARA 3-33/28/21H
Footage: 2275' FSL - 285' FWL Gr. Elevation: 692' API: 121-24867
Section: 34 Township: 8N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber and slopes down to the East.



All bearings shown
are grid bearings.
0' 750 1500 2250
1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE

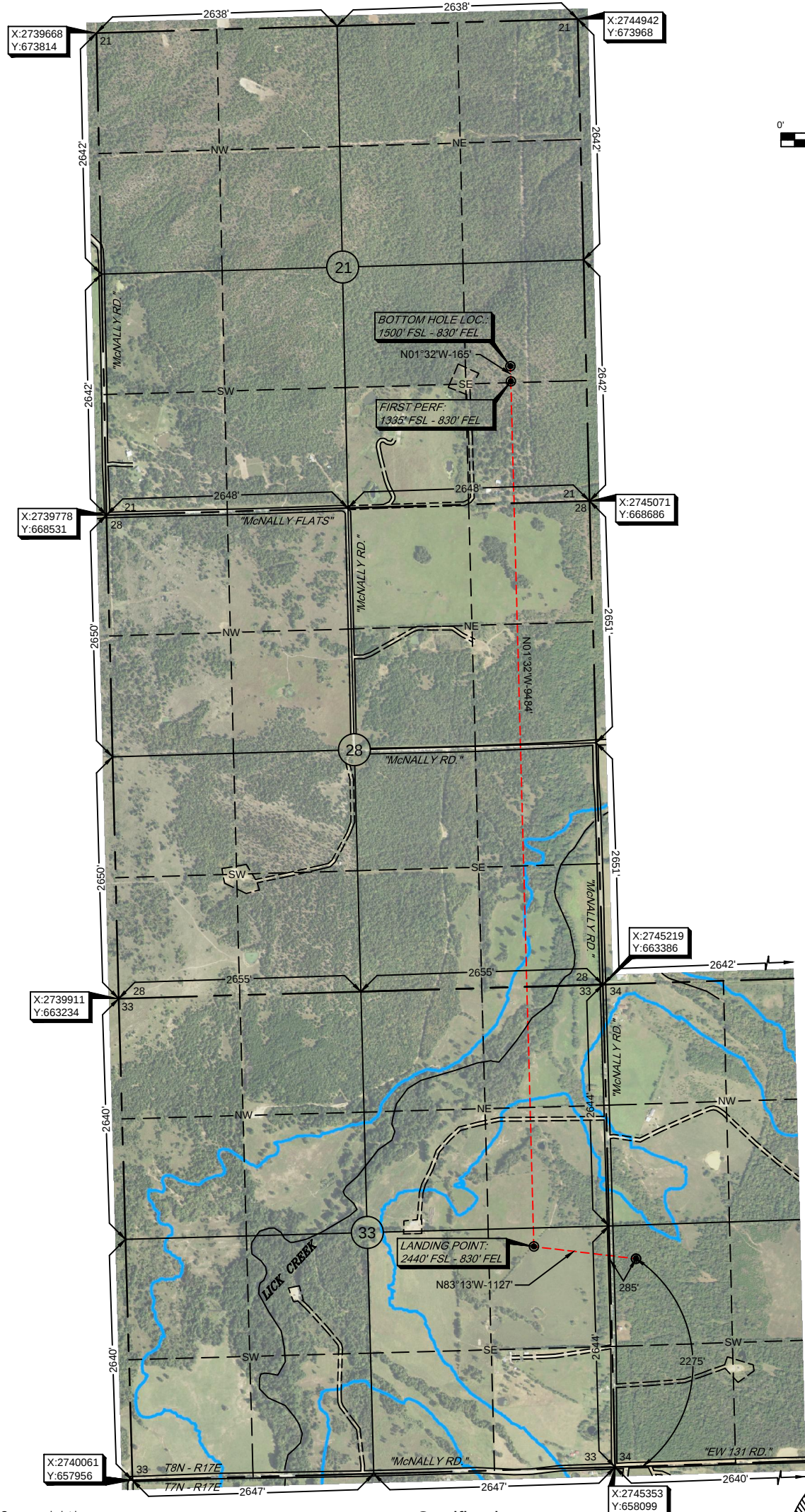
Surface Hole Loc.:
Lat: 35°07'21.61"N
Lon: 95°30'23.84"W
Lat: 35.1226841
Lon: -95.50662148
X: 2745580
Y: 660383

Landing Point:
Lat: 35°07'23.20"N
Lon: 95°30'37.26"W
Lat: 35.12310999
Lon: -95.51035033
X: 2744462
Y: 660516

First Perf:
Lat: 35°08'57.00"N
Lon: 95°30'37.49"W
Lat: 35.14916685
Lon: -95.51041262
X: 2744209
Y: 669996

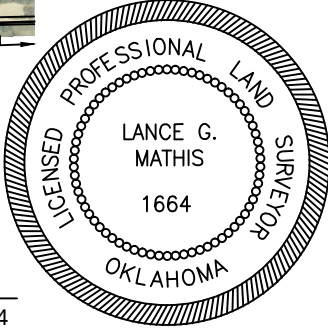
Bottom Hole Loc.:
Lat: 35°08'58.63"N
Lon: 95°30'37.49"W
Lat: 35.14962019
Lon: -95.51041370
X: 2744205
Y: 670161

-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, 2020
Invoice #8114-A
Date Staked: 08/28/18 By: H.S.
Date Drawn: 08/31/18 By: C.K.
SHL Rev.: 03/28/19 By: M.K.
SHL Rev.: 09/24/19 By: J.C.

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
09/26/19
OK LPLS 1664





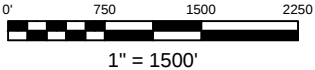
Well Location Plat

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B.H.L. Sec. 21-8N-17E I.M.

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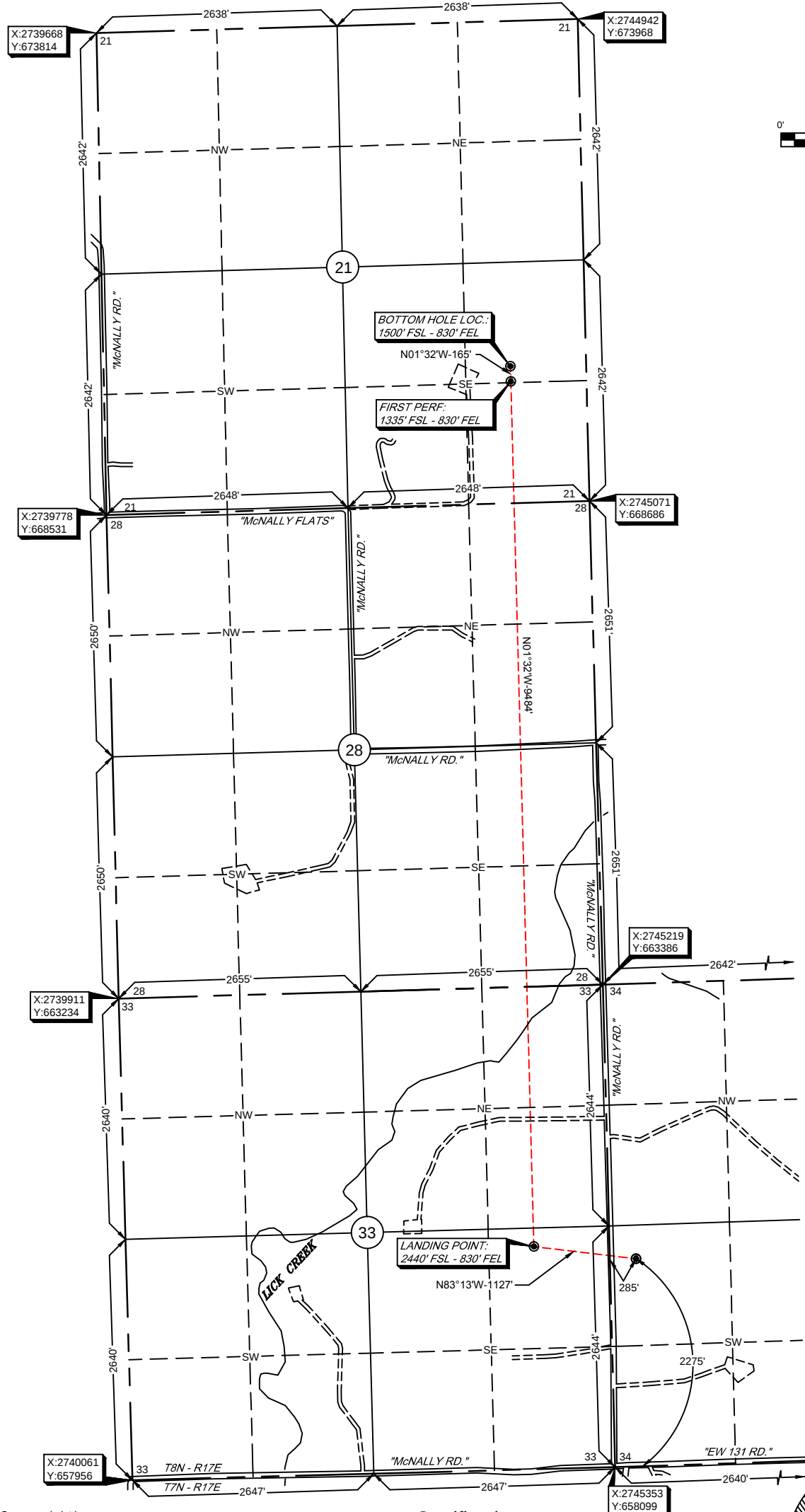
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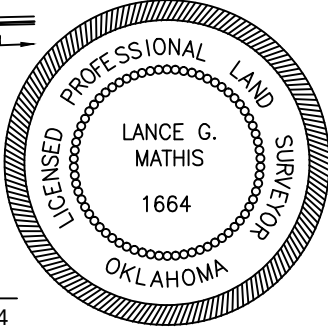


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OK LPLS 1664

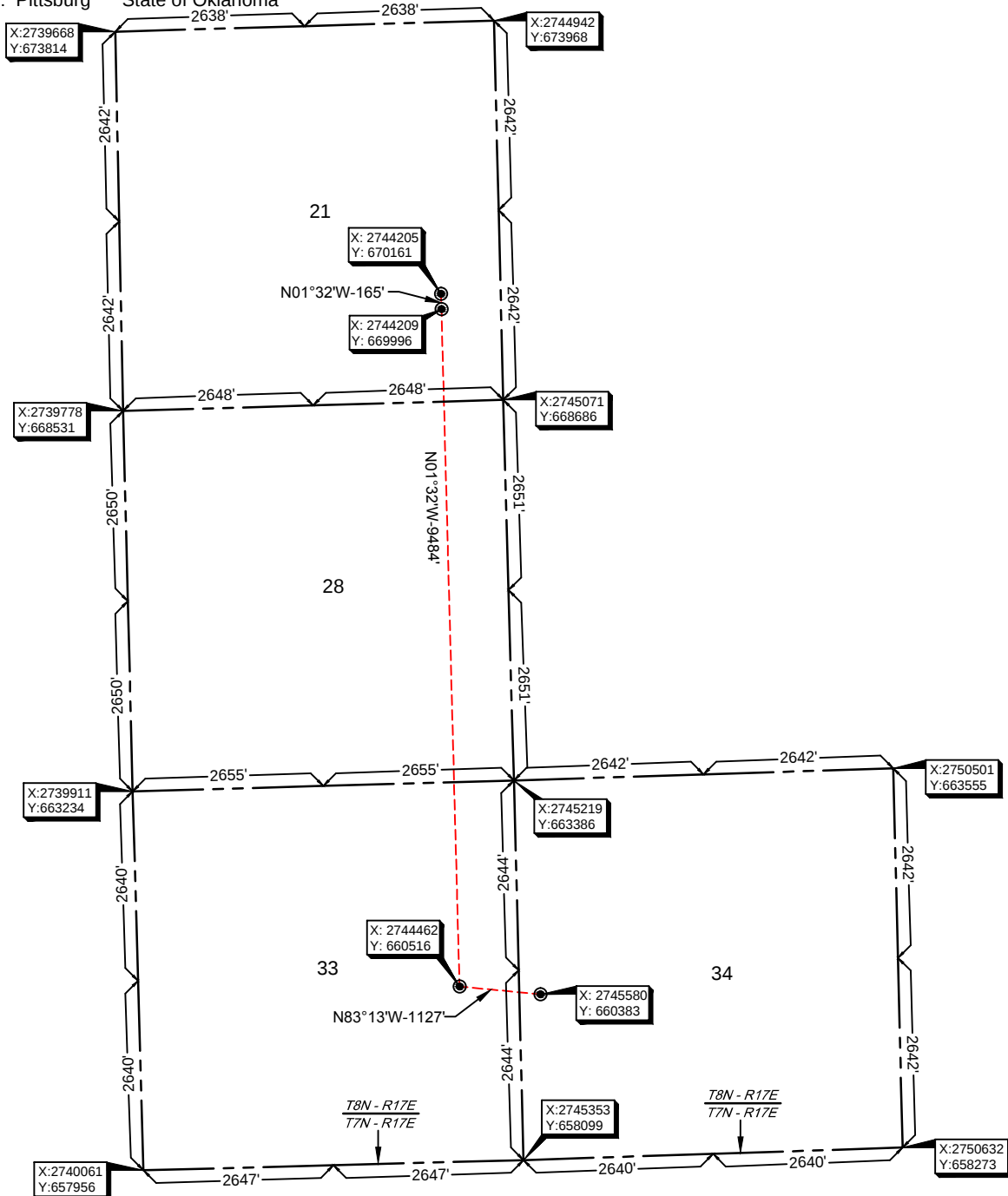




X & Y Data Sheet

S.H.L. Sec. 34-8N-17E I.M.
B.H.L. Sec. 21-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: TAMARA 3-33/28/21H
Footage: 2275' FSL - 285' FWL Gr. Elevation: 692'
Sec. 34 Twp. 8N Rng. 17E I.M.
Landing Point: 2440' FSL - 830' FEL
Sec. 33 Twp. 8N Rng. 17E I.M.
First Perf: 1335' FSL - 830' FEL
Bottom Hole Location: 1500' FSL - 830' FEL
Sec. 21 Twp. 8N Rng. 17E I.M.
County: Pittsburg State of Oklahoma



Provided by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
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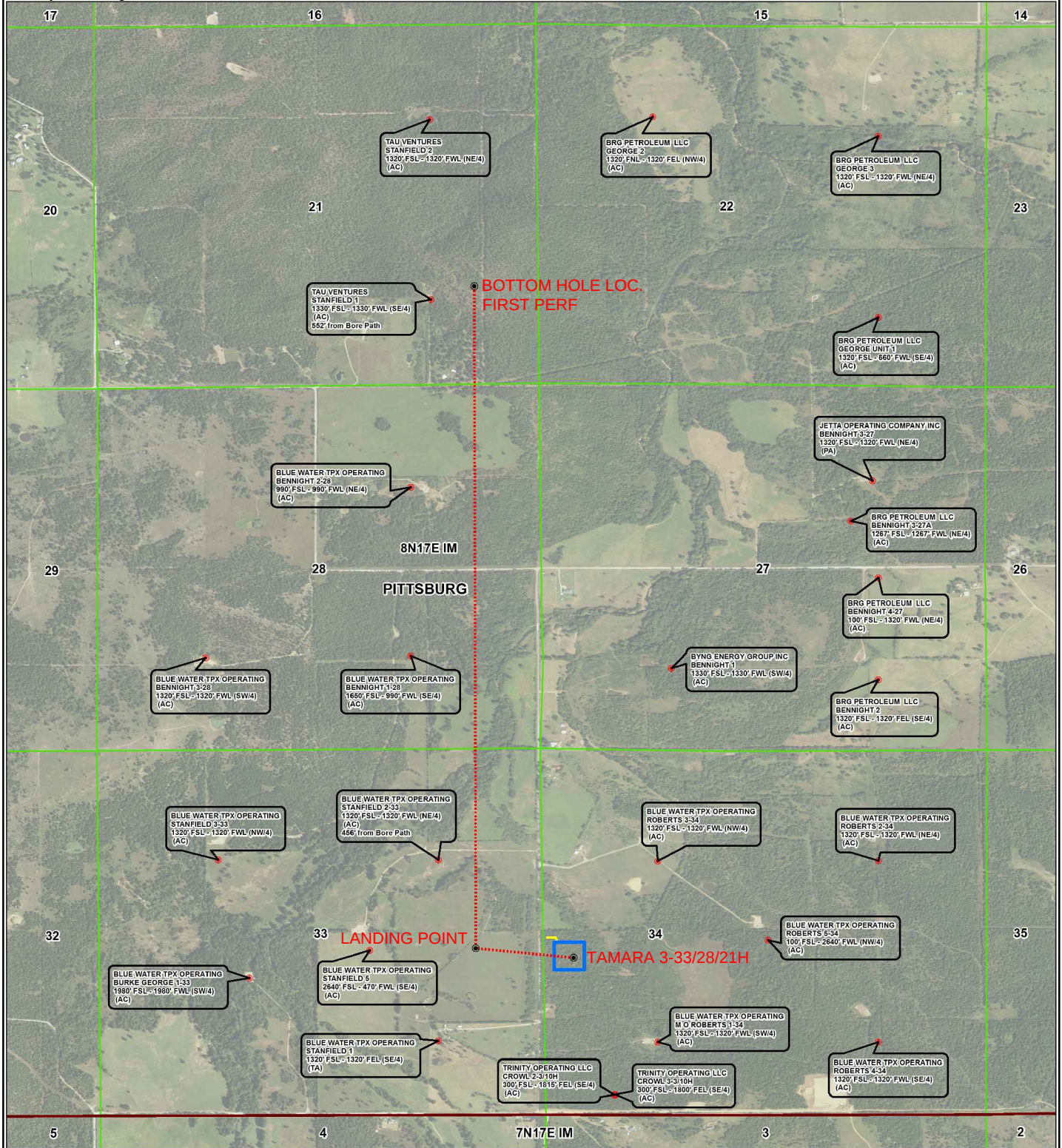
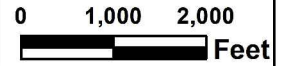
NOTE: X and Y data shown hereon for Section
Corners may NOT have been surveyed
on-the-ground, and further, does NOT
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TRINITY OPERATING Anti-Collision

Sec. 34-8N-17E I.M.

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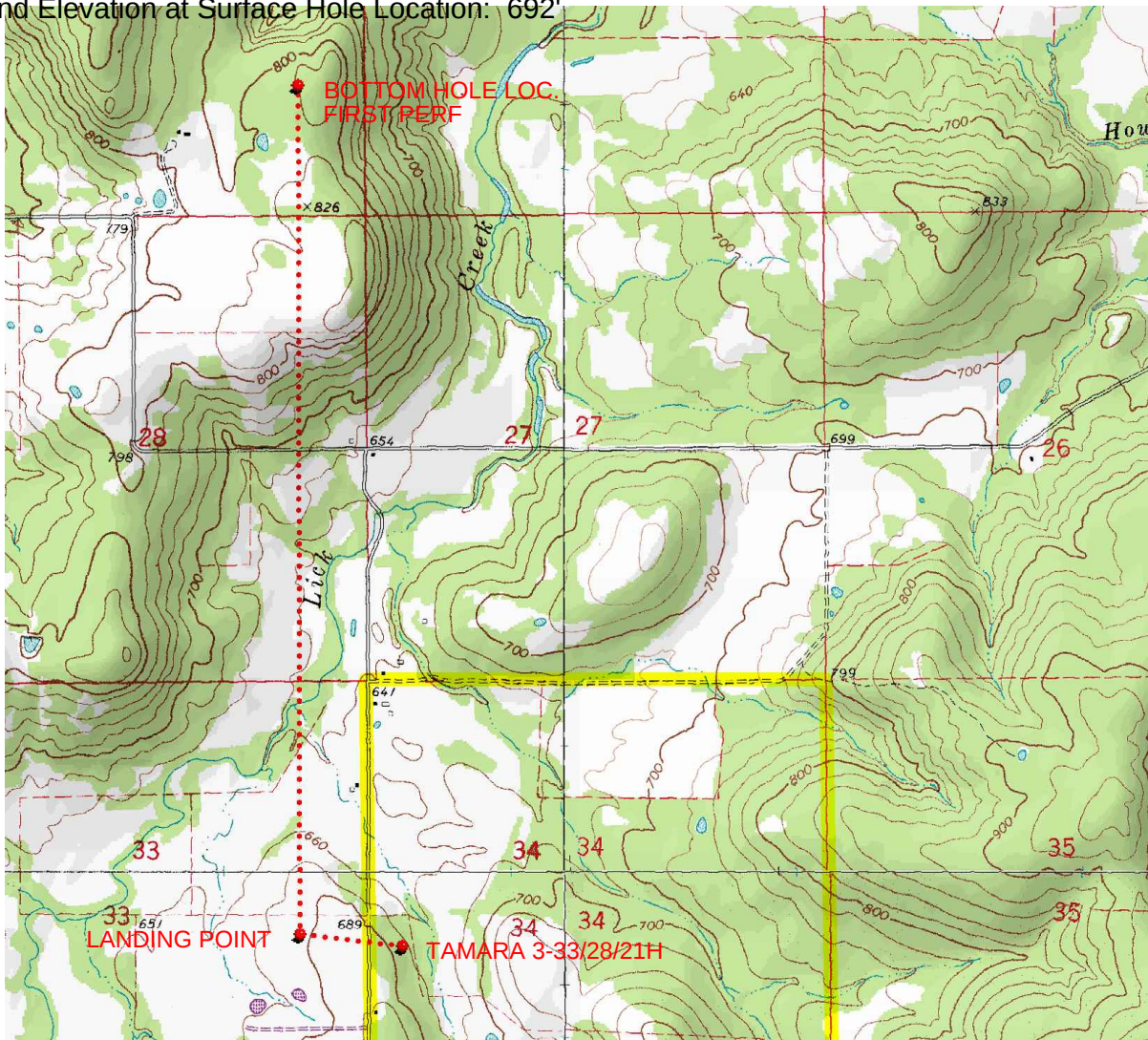
Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: TAMARA 3-33/28/21H
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First Perf: 1335' FSL - 830' FEL
Bottom Hole Location: 1500' FSL - 830' FEL
Sec. 21 Twp. 8N Rng. 17E I.M.
County: Pittsburg State of Oklahoma



Scale 1" = 2000'
Contour Interval: 20'

Ground Elevation at Surface Hole Location: 692'



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Certificate of Authorization No. 5348
Expires June 30, 2020

Date Staked: N/A

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 #: 8114-A

Operator: TRINITY OPERATING

Lease Name and No.: TAMARA 3-33/28/21H

Accessibility: From the South.

Directions: From the junction of "Blocker Rd" & State HWY 31 in the town of Blocker, OK, go 1.8 miles North on State HWY 31, 1.5 miles North on "Lick Creek Rd", continue 3.9 miles Northeast on "McNally Rd" to the Southwest Quarter of Section 34-8N-17E on the East side of the road.

1 inch = 0.75 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, 2018

