

API NUMBER: 121 24860 A

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

Approval Date: 09/05/2019
Expiration Date: 03/05/2021

Horizontal Hole Oil & Gas

Amend reason: AMEND SHL; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Section: 35 Township: 8N Range: 17E County: PITTSBURG

SPOT LOCATION: SE NE SE SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 820 225

Lease Name: SUDOKU Well No: 1-36H Well will be 225 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

PAULETTE R. GROVES
12636 SW 15TH
YUKON OK 74502

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	7913

Spacing Orders: 699393

Location Exception Orders: 701924
713763

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 13739 Ground Elevation: 889

Surface Casing: 220

Depth to base of Treatable Water-Bearing FM: 170

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.
B. Solidification of pit contents.

E. Haul to Commercial pit facility	Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874
H. (Other)	SEE MEMO

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: C

Liner not required for Category: C

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).

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: BOGGY

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 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 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:** BOGGY**HORIZONTAL HOLE 1**

Section: 36 Township: 8N Range: 17E Meridian: 1M

Total Length: 4876

County: PITTSBURG

Measured Total Depth: 13739

Spot Location of End Point: NE NW NE NW

True Vertical Depth: 8159

Feet From: **NORTH** 1/4 Section Line: 1

End Point Location from

Feet From: **WEST** 1/4 Section Line: 1850

Lease, Unit, or Property Line: 1

NOTES:

Category	Description
HYDRAULIC FRACTURING	[3/23/2021 - GC2] - OCC 165:10-3-10 REQUIRES: 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; 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: OCCEWEB.COM/OG/OGFORMS.HTML ; AND, 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
LOCATION EXCEPTION - 701924 (201903341)	3/25/2021 - GB1 - (I.O.) 36-08N-17E X699393 MSSP COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL TRINITY OPERATING (USG), LLC 9-9-19
LOCATION EXCEPTION - 713763 (201903341)	[3/25/2021 - GB1] - EXT OF TIME FOR ORDER #713763 UNTIL SEPTEMBER 9, 2021
MEMO	8/14/2019 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR
SPACING - 699393	9/5/2019 - GB1 - (640)(HOR)36-8N-17E EXT 676459 MSSP, OTHERS COMPL. INT. (MSSP) NLT 660' FB



Well Location Plat

S.H.L. Sec. 35-8N-17E I.M.
B.H.L. Sec. 36-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: SUDOKU 1-36H
Footage: 820' FSL - 225' FEL Gr. Elevation: 888'
Section: 35 Township: 8N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber.



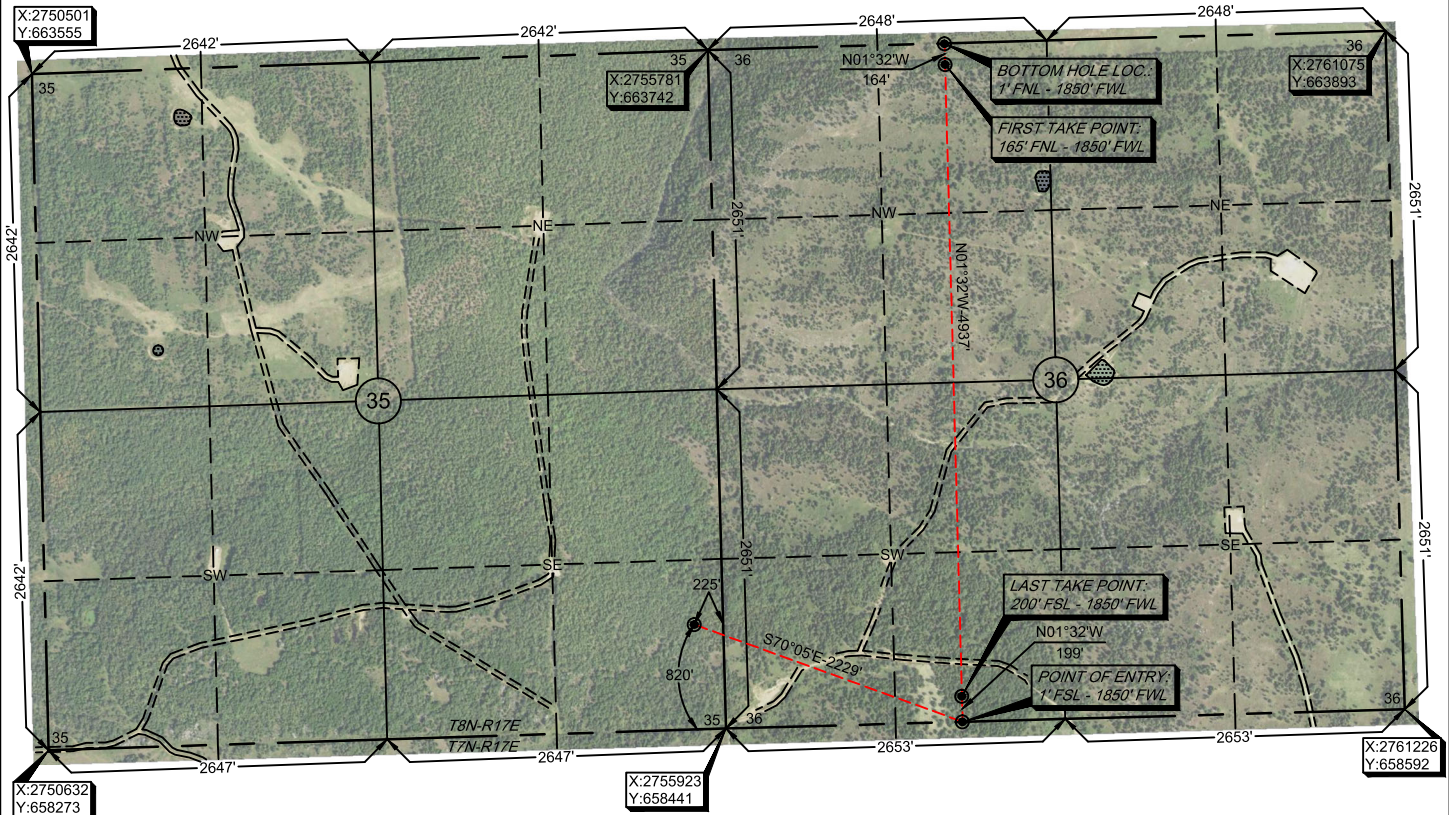
All bearings shown
are grid bearings.



1" = 1500'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:	Point of Entry:	Last Take Point:	First Take Point:	Bottom Hole Loc.:
Lat: 35°07'07.96"N	Lat: 35°06'59.94"N	Lat: 35°07'01.90"N	Lat: 35°07'50.74"N	Lat: 35°07'52.36"N
Lon: 95°28'22.69"W	Lon: 95°27'57.69"W	Lon: 95°27'57.70"W	Lon: 95°27'57.79"W	Lon: 95°27'57.79"W
Lat: 35.11887830	Lat: 35.11664903	Lat: 35.11719578	Lat: 35.13076133	Lat: 35.13121191
Lon: -95.47296874	Lon: -95.46602630	Lon: -95.46602734	Lon: -95.46605299	Lon: -95.46605384
X: 2755676	X: 2757772	X: 2757767	X: 2757635	X: 2757631
Y: 659254	Y: 658495	Y: 658694	Y: 663629	Y: 663793



-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 #7546-A-D

Date Staked: 6/24/19 By: D.W.

Date Drawn: 06/25/19 By: R.S.

Added LP/BHL: 06/18/19 By: R.S.

Rev. SHL: 06/25/19 By: J.H.

Added POE/LTP/FTP/BHL: 06/26/19 By: K.M.

Revised Surface Hole: 06/28/19 By: M.K.

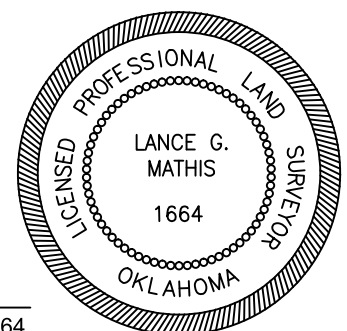
Certification:

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

06/28/19

OK LPLS 1664





Well Location Plat

S.H.L. Sec. 35-8N-17E I.M.
B.H.L. Sec. 36-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: SUDOKU 1-36H
Footage: 820' FSL - 225' FEL Gr. Elevation: 888'
Section: 35 Township: 8N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber.



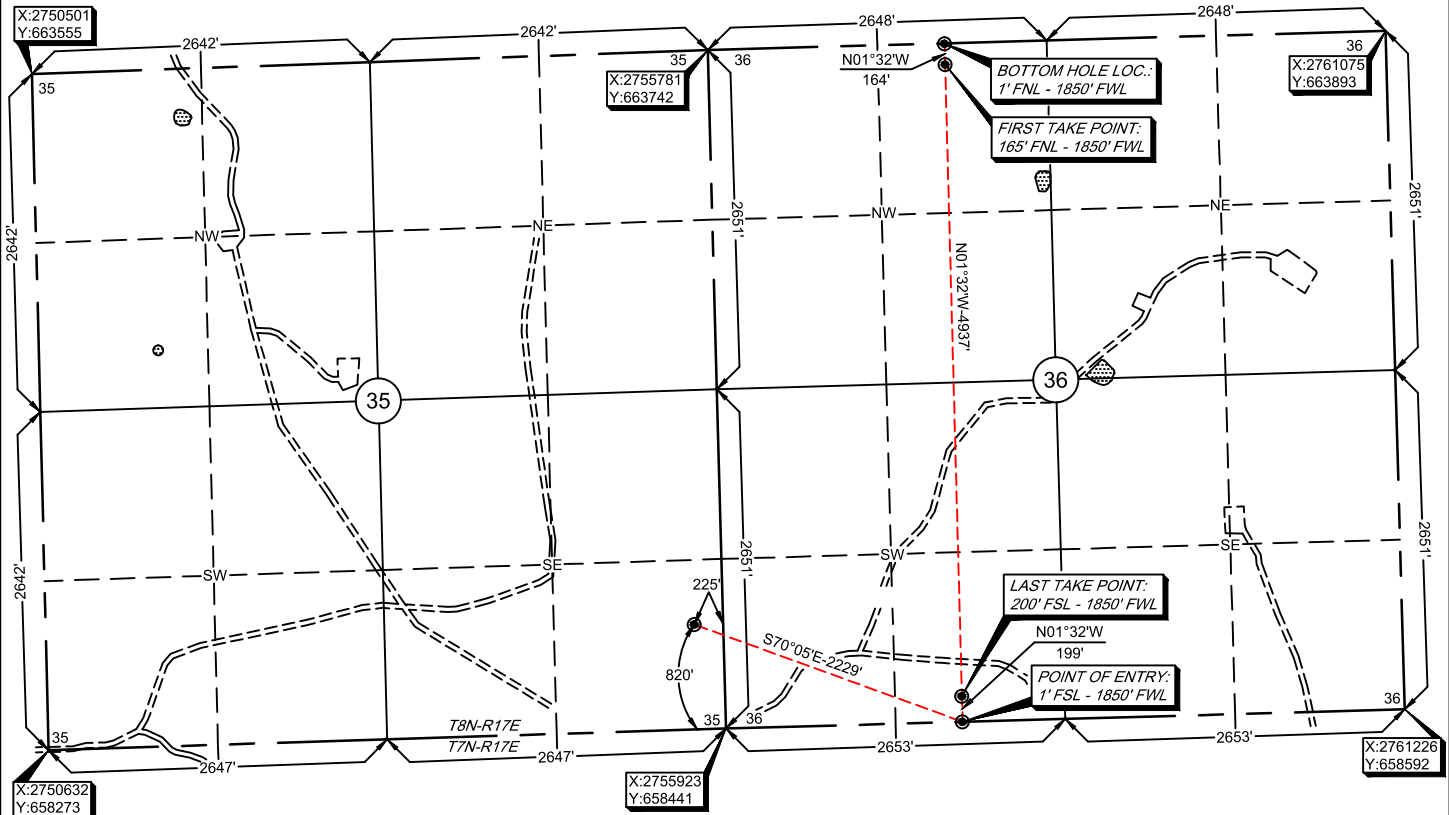
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1" = 1500'

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OK SOUTH ZONE

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Lat: 35.11887830	Lat: 35.11664903	Lat: 35.11719578	Lat: 35.13076133	Lat: 35.13121191
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X: 2755676	X: 2757772	X: 2757767	X: 2757635	X: 2757631
Y: 659254	Y: 658495	Y: 658694	Y: 663629	Y: 663793



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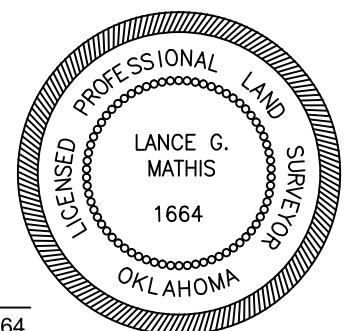
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LANCE G. MATHIS

06/28/19

OK LPLS 1664





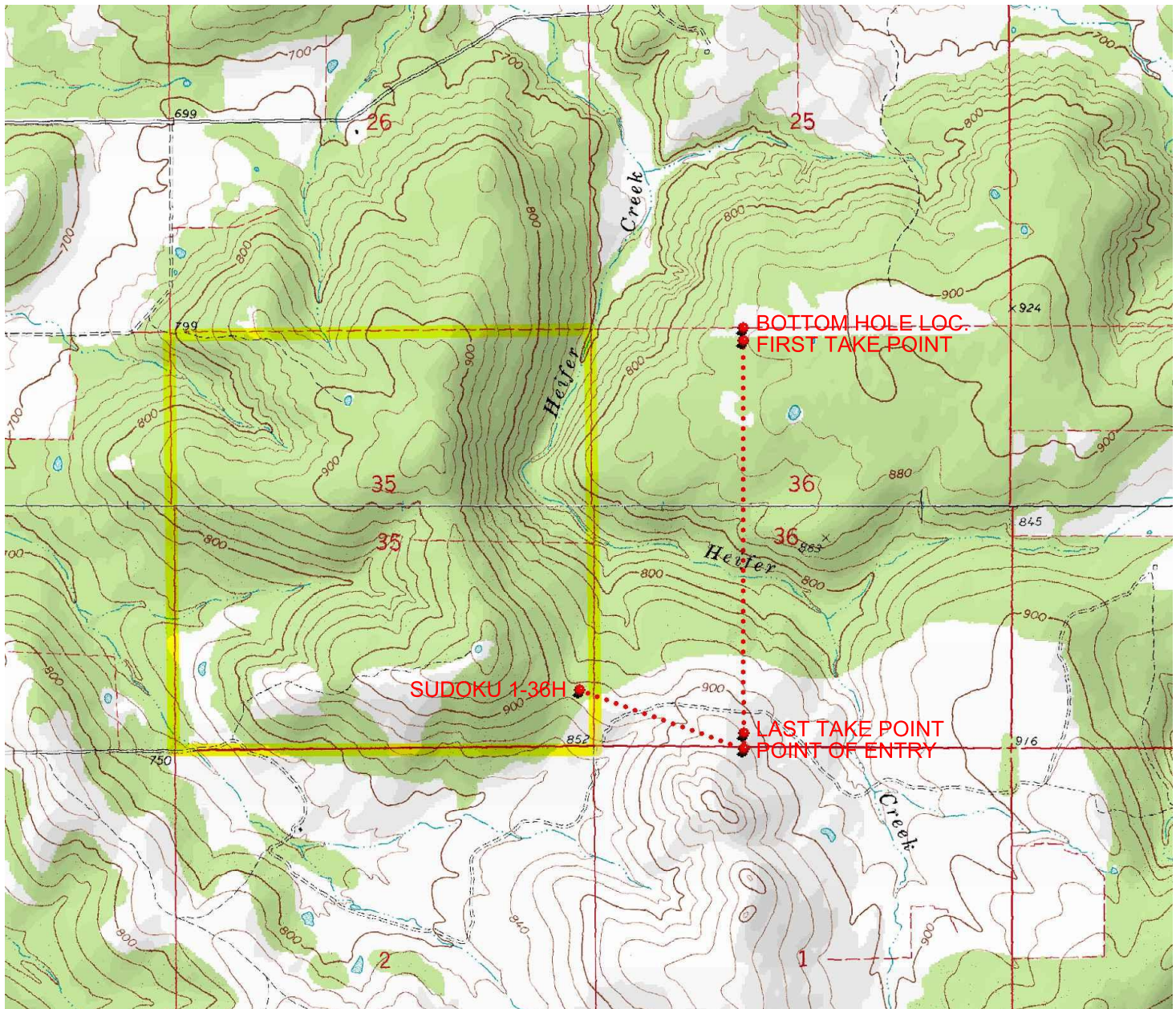
Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: SUDOKU 1-36H
Surface Hole Location: 820' FSL - 225' FEL
Sec. 35 Twp. 8N Rng. 17E I.M.
Point of Entry: 1' FSL - 1850' FWL
Last Take Point: 200' FSL - 1850' FWL
First Take Point: 165' FNL - 1850' FWL
Bottom Hole Location: 1' FNL - 1850' FWL
Sec. 36 Twp. 8N Rng. 17E I.M.
County: Pittsburg State of Oklahoma



Scale 1" = 2000'
Contour Interval: 20'

Ground Elevation at Surface Hole Location: 888'



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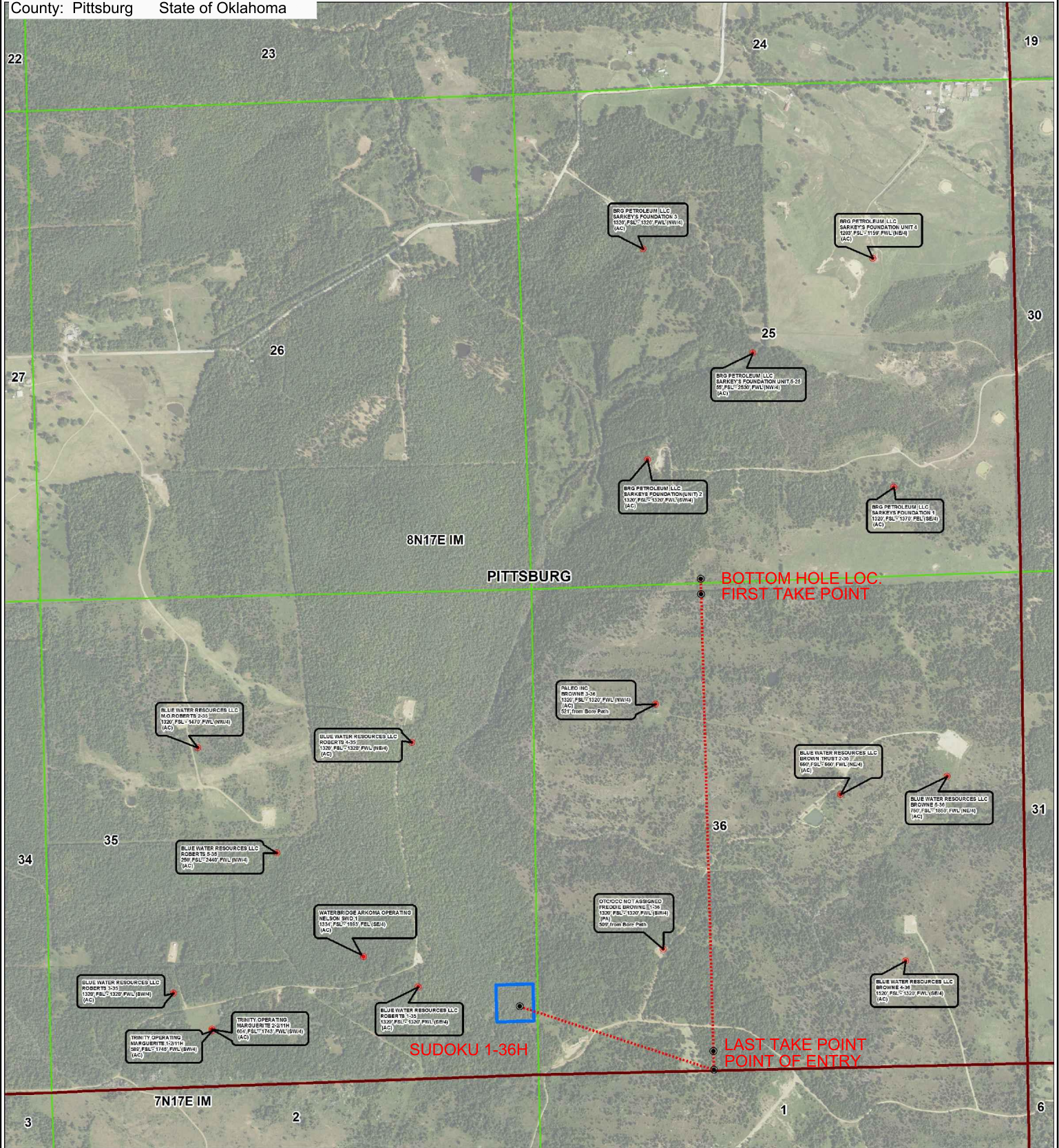
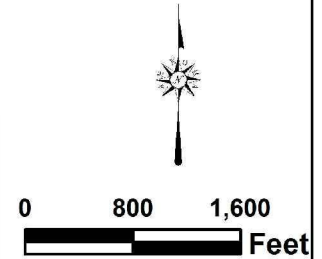
Date Staked: 06/24/19

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.

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 First Take Point: 165' FNL - 1850' FWL
 Bottom Hole Location: 1' FNL - 1850' FWL
 Sec. 36 Twp. 8N Rng. 17E I.M.
 County: Pittsburg State of Oklahoma



County Highway Vicinity Map



Job #: 7546-A-D

Operator: TRINITY OPERATING

Lease Name and No.: SUDOKU 1-36H

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", 3.5 miles East on "McNally Rd", continue 1.5 miles East on "EW 131 RD.", then go 0.75 miles East on an unnamed lease road to the Southeast Quarter of Section 35-8N-17E on the North side of the road.



1 inch = 1 mile

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