

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

API NUMBER: 121 24838

Approval Date: 02/06/2019  
Expiration Date: 08/06/2020

Horizontal Hole Oil & Gas  
Multi Unit

PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 7N Rge: 17E County: PITTSBURG  
SPOT LOCATION:  NE  NE  NE  NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 285 2325

Lease Name: TAMARA Well No: 1-33/28H 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

JOSEPH & REGENA REYNOLDS  
3560 LICK CREEK RD.  
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	7651	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 685305  
689364

Location Exception Orders: 690436

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 17914

Ground Elevation: 677

**Surface Casing: 260**

Depth to base of Treatable Water-Bearing FM: 210

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 located in a Hydrologically Sensitive Area.

**Category of Pit: 4**

**Liner not required for Category: 4**

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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 SIX 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: 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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 28 Twp 8N Rge 17E County PITTSBURG

Spot Location of End Point: NW SE NW NW

Feet From: NORTH 1/4 Section Line: 910

Feet From: WEST 1/4 Section Line: 930

Depth of Deviation: 7082

Radius of Turn: 900

Direction: 350

Total Length: 9418

Measured Total Depth: 17914

True Vertical Depth: 7718

End Point Location from Lease,  
Unit, or Property Line: 910

Notes:

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The duration of this permit is SIX 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
HYDRAULIC FRACTURING	<p>1/10/2019 - G71 - OCC 165:10-3-10 REQUIRES:</p> <p>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;</p> <p>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: <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 TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION THE HYDRAULIC FRACTURING OPERATIONS, USING THE FOLLOWING LINK: <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 690436	<p>2/6/2019 - G75 - (I.O.) 33 &amp; 28-8N-17E  XOTHER  X685305 WDFD, OTHERS  COMPL. INT. (33-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 660' FWL  COMPL. INT. (28-8N-17E) NCT 0' FSL, NCT 165' FNL, NCT 660' FWL  TRINITY OP. (USG), LLC  1-28-2019</p>
MEMO	<p>1/10/2019 - G71 - PIT 2 &amp; 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM &amp; OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
SPACING - 685305	<p>2/6/2019 - G75 - (640)(HOR) 28 &amp; 33-8N-17E  EST WDFD, OTHERS  POE TO BHL NCT 165' FNL &amp; FSL, NCT 330' FEL &amp; FWL</p>
SPACING - 689364	<p>2/6/2019 - G75 - (I.O.) 33 &amp; 28-8N-17E  EST MULTIUNIT HORIZONTAL WELL  XOTHER  X685305 WDFD, OTHERS  55% 33-8N-17E  45% 28-8N-17E  TRINITY OP. (USG), LLC  1-9-2019</p>

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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.



# Well Location Plat

S.H.L. Sec. 4-7N-17E I.M.  
B.H.L. Sec. 28-8N-17E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: TAMARA 1-33/28H  
Footage: 285' FNL - 2325' FWL Gr. Elevation: 677'  
Section: 4 Township: 7N Range: 17E I.M.  
County: Pittsburg State of Oklahoma  
Terrain at Loc.: Location fell in an open pasture on a small hill, sloping down to the West.

## API 121-24838



All bearings shown are grid bearings.



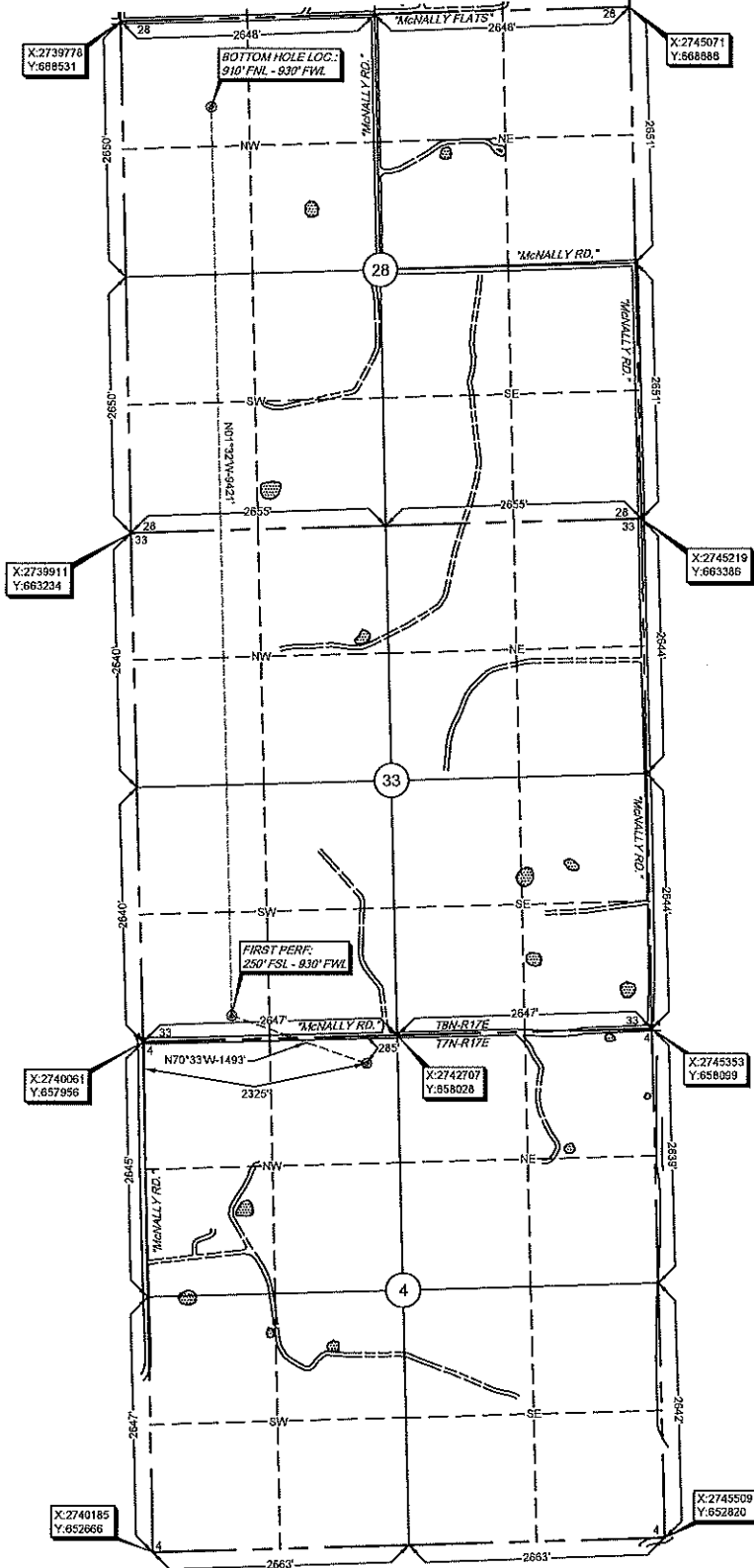
1" = 1500'

GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°08'56.20"N  
Lon: 95°31'02.99"W  
X: 2742392  
Y: 657734

First Perf.:  
Lat: 35°07'01.45"N  
Lon: 95°31'19.79"W  
X: 2740984  
Y: 658231

Bottom Hole Loc.:  
Lat: 35°08'34.63"N  
Lon: 95°31'20.05"W  
X: 2740731  
Y: 667649



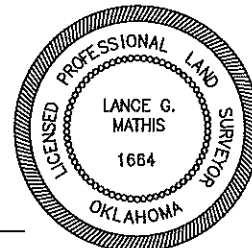
-Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. The location of any well is shown for information only. If any inaccuracy is determined, GPS data is superior to RTK-CRS.

-NOTE: X and Y data shown herein for Station Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey, assumed at a proportionate distance from opposing section corners, or extension 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, 2018

**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* 04/26/18



Invoice #7801-A  
Date Staked: 04/19/18 By: H.S.  
Date Drawn: 04/24/18 By: J.K.