

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

API NUMBER: 121 24839 A

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

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: AMEND SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 04 Twp: 7N Rge: 17E County: PITTSBURG
SPOT LOCATION: ☐ N2 ☐ NE ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 310 2310

Lease Name: TAMARA Well No: 2-33/28/21H Well will be 310 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	7545	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 685305 Location Exception Orders: 690437 Increased Density Orders: 705363
690740 705364

Pending CD Numbers:

Special Orders:

Total Depth: 19067 Ground Elevation: 676 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

Approved Method for disposal of Drilling Fluids:

- A. Evaporation/dewater and backfilling of reserve pit.
B. Solidification of pit contents.

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.

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

H. SEE MEMO

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).

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: 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 21 Twp 8N Rge 17E County PITTSBURG

Spot Location of End Point: NW SW SW SE

Feet From: SOUTH 1/4 Section Line: 350

Feet From: EAST 1/4 Section Line: 2590

Depth of Deviation: 6972

Radius of Turn: 900

Direction: 5

Total Length: 10681

Measured Total Depth: 19067

True Vertical Depth: 7713

End Point Location from Lease,
Unit, or Property Line: 350

Notes:

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.

121 24839 TAMARA 2-33/28/21H

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: OCCWEB.COM/OG/OGFORMS.HTML; 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: FRACFOCUS.ORG</p>
INCREASED DENSITY - 705363 (201803267)	<p>12/12/2019 - G56 - 28-8N-17E X685305 WDFD 2 WELLS TRINITY OPERATING (USG), LLC 11/20/2019</p>
INCREASED DENSITY - 705364 (201803270)	<p>12/12/2019 - G56 - 33-8N-17E X685305 WDFD 2 WELLS NO OP. NAMED 11/20/2019</p>
LOCATION EXCEPTION - 690437 (201803307)	<p>12/12/2019 - G56 - (I.O.) 33, 28 & 21-8N-17E XOTHER X685305 WDFD, OTHERS COMPL. INT. (33-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 1980' FWL & FEL COMPL. INT. (28-8N-17E) NCT 0' FSL, NCT 0' FNL, NCT 1980' FWL & FEL COMPL. INT. (21-8N-17E) NCT 0' FSL, NCT 2640' FNL, NCT 1980' FWL & FEL TRINITY OP. (USG), LLC 1-28-2019</p>
MEMO	<p>1/10/2019 - 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</p>
SPACING - 685305	<p>12/12/2019 - G56 - (640)(HOR) 21, 28 & 33-8N-17E EST WDFD, OTHERS POE TO BHL NCT 165' FNL & FSL, NCT 330' FEL & FWL</p>
SPACING - 690740 (201803308)	<p>12/12/2019 - G56 - (I.O.) 33, 28 & 21-8N-17E EST MULTIUNIT HORIZONTAL WELL XOTHER X685305 WDFD, OTHERS 48% 33-8N-17E 48% 28-8N-17E 4% 21-8N-17E TRINITY OP. (USG), LLC 2-1-2019</p>



Well Location Plat

S.H.L. Sec. 4-7N-17E I.M.
B.H.L. Sec. 21-8N-17E I.M.

Operator: TRINITY OPERATING

Lease Name and No.: TAMARA 2-33/28/21H

Footage: 310' FNL - 2310' FWL Gr. Elevation: 676'

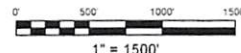
Section: 4 Township: 7N Range: 17E I.M.

County: Pittsburg State of Oklahoma

Terrain at Loc.: Location fell in an open pasture on a small hill, sloping down to the West



All bearings shown
are grid bearings

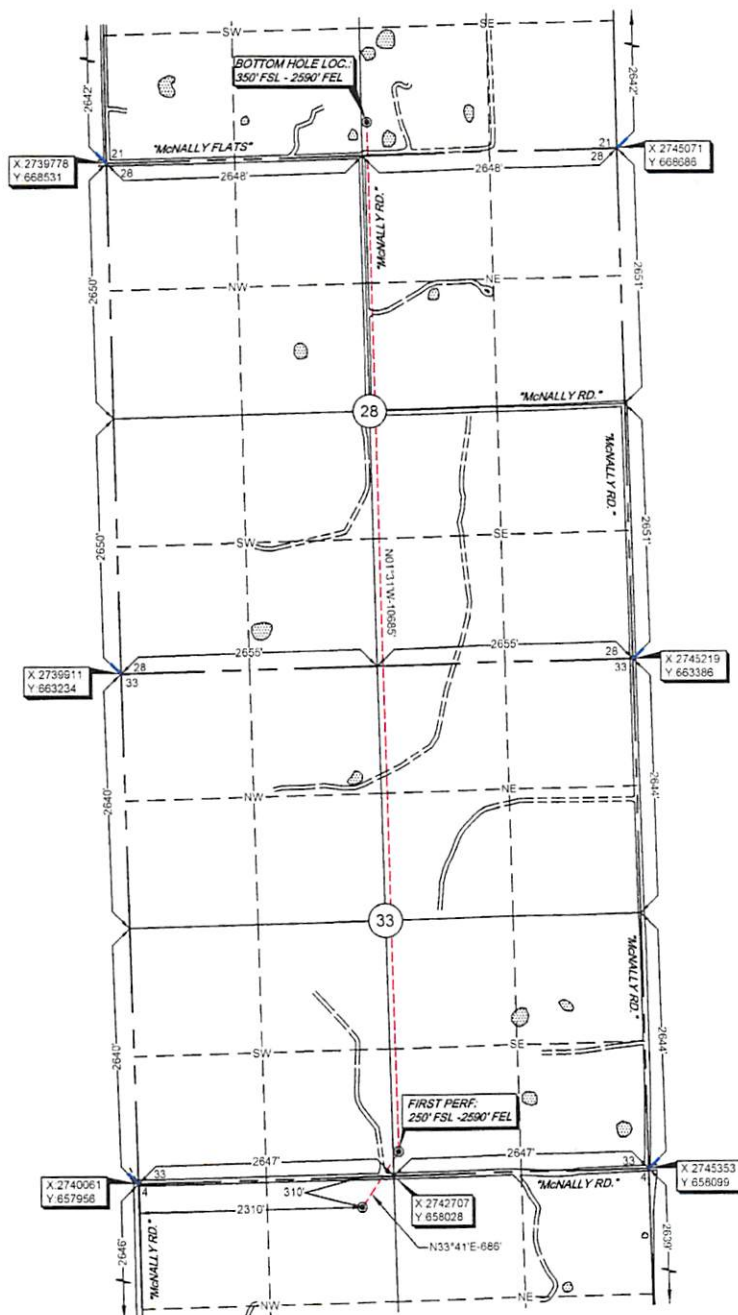


GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°06'55.95"N
Lon: 95°31'03.17"W
X: 2742378
Y: 657709

First Perf.:
Lat: 35°07'01.50"N
Lon: 95°30'58.43"W
X: 2742758
Y: 658279

Bottom Hole Loc.:
Lat: 35°08'47.18"N
Lon: 95°30'58.69"W
X: 2742474
Y: 668960



Please note that this location was taken 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, PLLC for more information. This plat is a representation of the survey and does not constitute a warranty. The survey was conducted on the ground and the location of the well is shown on the ground. The survey was conducted on the ground and the location of the well is shown on the ground. The survey was conducted on the ground and the location of the well is shown on the ground.

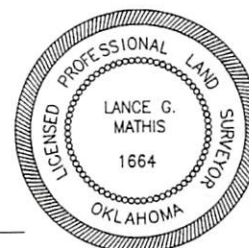
Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020

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

10/15/18



Invoice #7801-A-B

Date Staked: 04/19/18 By: H.S.

Date Drawn: 04/24/18 By: J.K.

Revise SHL: 10/12/18 By: C.K.



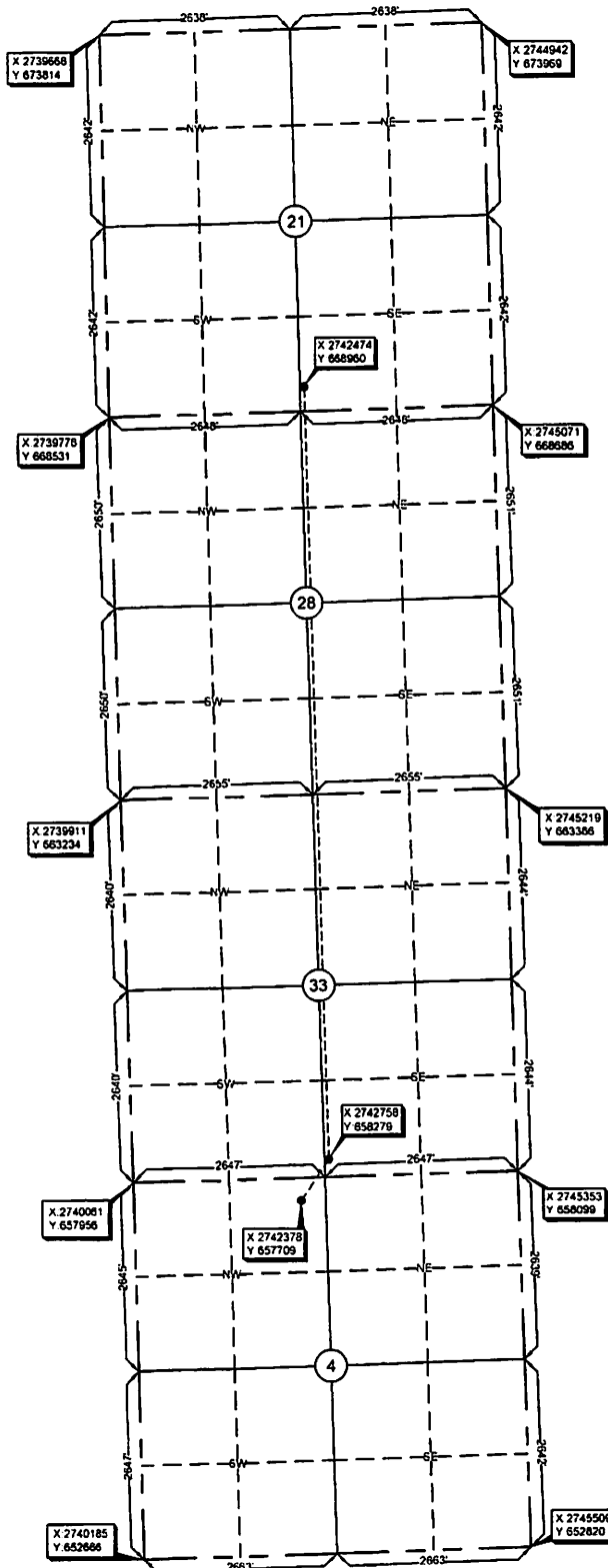
X & Y Data Sheet

S.H.L. Sec. 4-7N-17E I.M.
B.H.L. Sec. 21-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: TAMARA 2-33/28/21H
Surface Hole Location: 310' FNL - 2310' FWL
Sec. 4 Twp. 7N Rng. 17E I.M.
First Perf: 250' FSL - 2590' FEL
Sec. 33 Twp. 8N Rng. 17E I.M.
Bottom Hole Location: 350' FSL - 2590' FEL
Sec. 21 Twp. 8N Rng. 17E I.M.
County: Pittsburg State of Oklahoma



GPS DATUM
NAD 27
OK SOUTH ZONE



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.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
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