API NUMBER: 121 24833

Oil & Gas

Horizontal Hole

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

Approval Date: 09/26/2018 03/26/2020 **Expiration Date** 

PERMIT TO DRILL

WELL LOCATION:	Sec:	12	Twp:	7N	Rge: 1	18E	County:	PITTSBURG
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FEET FROM QUARTER: FROM SPOT LOCATION: NW SE lsw SOUTH WEST ll ne SECTION LINES:

Lease Name: DONNA Well No: 2-12/1H Well will be 1765 feet from nearest unit or lease boundary.

2270

TRINITY OPERATING (USG) LLC Operator OTC/OCC Number: Telephone: 9185615600 23879 0 Name:

1765

TRINITY OPERATING (USG) LLC 1717 S BOULDER AVE STE 201

TULSA. OK 74119-4842

MARY N. & THOMAS J. REASNOR 31324 W HWY 31

**KINTA** OK 74552

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

Name Depth Name Depth WOODFORD 7781 1 6 2 7 8 3 4 9 5 10 666047 Spacing Orders: Location Exception Orders: 683445 Increased Density Orders: 680487 666050 668388 683446

Pending CD Numbers: 201805994 Special Orders:

201700199

Total Depth: 16148 Ground Elevation: 603 Surface Casing: 110 Depth to base of Treatable Water-Bearing FM: 60

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

Approved Method for disposal of Drilling Fluids: PIT 1 INFORMATION

Type of Pit System: ON SITE A. Evaporation/dewater and backfilling of reserve pit.

B. Solidification of pit contents. Type of Mud System: AIR

Is depth to top of ground water greater than 10ft below base of pit? Y

E. Haul to Commercial pit facility: Sec. 19 Twn. 8N Rng. 5E Cnty. 125 Order No: 274874 Within 1 mile of municipal water well? N H. SEE MEMO

Wellhead Protection Area?

is located in a Hydrologically Sensitive Area. Category of Pit: 4

Liner not required for Category: 4

Pit Location is BED AQUIFER

MCALESTER/HARTSHORNE Pit Location Formation:

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 BED AQUIFER

Pit Location Formation: MCALESTER/HARTSHORNE

#### 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 BED AQUIFER

Pit Location Formation: MCALESTER/HARTSHORNE

## **HORIZONTAL HOLE 1**

Sec 01 Twp 7N Rge 18E County PITTSBURG

Spot Location of End Point: NW NW NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 2590

Depth of Deviation: 7319 Radius of Turn: 573

Direction: 5

Total Length: 7928

Measured Total Depth: 16148

True Vertical Depth: 7781

End Point Location from Lease, Unit, or Property Line: 1

Notes:

Category Description

HYDRAULIC FRACTURING 7/16/2018 - G71 - 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

8/22/2018 - G57 - (I.O.) 12-7N-18E **INCREASED DENSITY - 668388** 

X666047 WDFD 3 WELLS NO OP. NAMED 9-22-2017

**INCREASED DENSITY - 680487** 8/22/2018 - G57 - (I.O.) 1-7N-18E

X666050 WDFD 2 WELLS NO OP. NAMED 7-23-2018

**LOCATION EXCEPTION - 683445** 8/22/2018 - G57 - (I.O.) 12 & 1-7N-18E

X666047 WDFD 12-7N-18E X666050 WDFD 1-7N-18E

COMPL. INT. (12-7N-18E) NCT 2640' FSL, NCT 0' FNL, NCT 1980' FEL & FWL COMPL. INT. (1-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 1980' FEL & FWL

TRINITY OPERATING (ÚSG), LLC.

9-21-2018

MEMO 7/16/2018 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, WBM &

OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDFIED AND HELD UNTIL DISPOSAL

APPROVED BY OCC: PIT 3 - OBM TO VENDOR

PENDING CD - 201700199 9/26/2018 - G57 - (E.O.) 12-7N-18E

X668388 EXTENDED 9-22-2018

REC 8-31-2018 (DUNN)

PENDING CD - 201805994 8/22/2018 - G57 - (I.O.) 12-7N-18E

X165:10-3-28(C)(2)(B) WDFD (DONNA 2-1/12H) MAY BE NCT 75' FROM THE REASNOR 2-

12/13/24H

TRINITY OPERATING (USG), LLC.

REC 6-19-2018 (DUNN)

7/23/2018 - G57 - (640)(HOR) 12-7N-18E SPACING - 666047

EST WDFD, OTHÈRS

POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL

7/23/2018 - G57 - (640)(HOR) 1-7N-18E SPACING - 666050

EST WDFD, OTHERS

POE TO BHL NLT 165' FNL & FSL. NLT 330' FEL & FWL

**SPACING - 683446** 8/22/2018 - G57 - (I.O.) 12 & 1-7N-18E

EST MULTIUNIT HORÍZONTAL WELL

X666047 WDFD 12-7N-18E X666050 WDFD 1-7N-18E

33% 12-7N-18E 67% 1-7N-18E

TRINITY OPERATING (USG), LLC.

9-21-2018

S.H.L. Sec. 12-7N-18E I.M. B.H.L. Sec. 1-7N-18E I.M.

Operator: TRINITY OPERATING

Lease Name and No.: DONNA 2-12/1H Footage: 1765' FSL - 2270' FWL Gr. Elevation: 603'

Section: 12 Township: 7N Range: 18E I.M. County: Pittsburg State of Oklahoma

Terrain at Loc.: Location fell in timber, falling downhill to the North and East, with a small

drain on the North side of location.



All bearings shown are grid bearings.

1320' 1980'

1" = 1320'

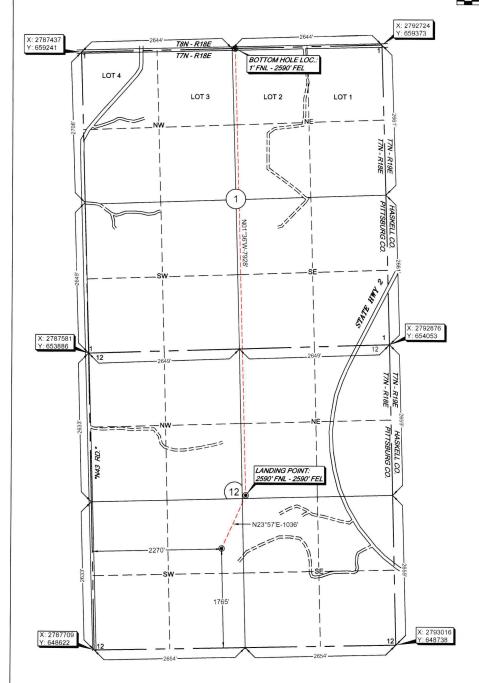
GPS DATUM NAD 27 OK SOUTH ZONE

Surface Hole Loc.: Lat: 35°05'32.10"N Lon: 95°21'33.21"W X: 2789935 Y: 650436

Landing Point: Lat: 35°05'41.35"N Lon: 95°21'27.85"W X: 2790356 Y: 651383

Bottom Hole Loc.: Lat: 35°06'59'.77"N Lon: 95°21'28.02"W X: 2790135 Y: 659308

or a Losseset Protessoral Lind Surveyio, but the accuracy of this survey is not guaranteed. Please contact Anoma Surveying and Mapping promptly if any fincromistincy is oldermined. QPS data is observed from RT. QPS. any fincromistincy is oldermined. QPS data is observed from RT. QPS. ANOTEX axis of Values aboven been of the Schanic Contents may NOT have been surveyed on the ground, and fultier, does NOT represent as the Boundary Schanic Andelson are may be assumed from a Convenient Schanic Plant or Schanic Content of Schanic Contents of Schanic Plant or Schanic



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 #7792-B

Date Staked: 05/29/18 By: H.S Date Drawn: 05/31/18 By: J.D

## 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

06/11/18 OK LPLS 1664

