

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

API NUMBER: 121 24833 A

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

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: ADD MISSISSIPPIAN, HUNTON, SYLVAN; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 7N Rge: 18E County: PITTSBURG  
SPOT LOCATION:  NW  SE  NE  SW FEET FROM QUARTER: FROM SOUTH FROM WEST  
SECTION LINES: 1765 2270

Lease Name: DONNA Well No: 2-12/1H Well will be 1765 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

MARY N. & THOMAS J. REASNOR  
31324 W HWY 31  
KINTA OK 74552

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

Name	Depth	Name	Depth
1 MISSISSIPPIAN	7400	6	
2 WOODFORD	7850	7	
3 HUNTON	7910	8	
4 SYLVAN	7920	9	
5		10	

Spacing Orders: 666047 Location Exception Orders: 683445 Increased Density Orders: 680487  
666050 685680  
683446

Pending CD Numbers: 201904949

Special Orders:

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

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 BED AQUIFER

Pit Location Formation: MCALESTER/HARTSHORNE

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: 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: 7920

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

Notes:

Category

Description

EXCEPTION TO RULE - 685680

10/31/2019 - G56 - (I.O.) 12-7N-18E  
X165:10-3-28(C)(2)(B) WDFD (DONNA 2-1/12H) MAY BE CLOSER THAN 600' FROM THE  
REASNOR 2-12/13/24H  
TRINITY OPERATING (USG), LLC.  
10/29/2018

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Office of the Conservation Division as to when Surface Casing will be run.

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](http://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](http://FRACFOCUS.ORG)

INCREASED DENSITY - 680487

11/1/2019 - G56 - (I.O.) 1-7N-18E  
X666050 WDFD  
2 WELLS  
NO OP. NAMED  
7-23-2018

LOCATION EXCEPTION - 683445

11/1/2019 - G56 - (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 (USG), 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, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR

PENDING CD - 201904949

10/31/2019 - G56 - 12-7N-18E  
X666047 WDFD  
3 WELLS  
NO OP NAMED  
REC 10/28/2019 (JOHNSON)

SPACING - 666047

10/31/2019 - G56 - (640)(HOR) 12-7N-18E  
EST MSSP, WDFD, HNTN, SLVN  
COMPL INT (MSSP, HNTN) NLT 660' FB  
COMPL INT (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
COMPL INT (SLVN) NLT 330' FB

SPACING - 666050

10/31/2019 - G56 - (640)(HOR) 1-7N-18E  
EST MSSP, WDFD, HNTN, SLVN  
COMPL INT (MSSP, HNTN) NLT 660' FB  
COMPL INT (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL  
COMPL INT (SLVN) NLT 330' FB

SPACING - 683446

11/1/2019 - G56 - (I.O.) 12 & 1-7N-18E  
EST MULTIUNIT HORIZONTAL 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

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