

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

Approval Date: 09/26/2018

Expiration Date: 03/26/2020

Horizontal Hole Oil & Gas

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 WOODFORD	7781	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 666047
666050
683446

Location Exception Orders: 683445

Increased Density Orders: 680487
668388

Pending CD Numbers: 201805994
201700199

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 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 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:

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121 24833 DONNA 2-12/1H

Category	Description
HYDRAULIC FRACTURING	<p>7/16/2018 - 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: OCCEWEB.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 - 668388	<p>8/22/2018 - G57 - (I.O.) 12-7N-18E X666047 WDFD 3 WELLS NO OP. NAMED 9-22-2017</p>
INCREASED DENSITY - 680487	<p>8/22/2018 - G57 - (I.O.) 1-7N-18E X666050 WDFD 2 WELLS NO OP. NAMED 7-23-2018</p>
LOCATION EXCEPTION - 683445	<p>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 (USG), LLC. 9-21-2018</p>
MEMO	<p>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</p>
PENDING CD - 201700199	<p>9/26/2018 - G57 - (E.O.) 12-7N-18E X668388 EXTENDED 9-22-2018 REC 8-31-2018 (DUNN)</p>
PENDING CD - 201805994	<p>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)</p>
SPACING - 666047	<p>7/23/2018 - G57 - (640)(HOR) 12-7N-18E EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 666050	<p>7/23/2018 - G57 - (640)(HOR) 1-7N-18E EST WDFD, OTHERS POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL</p>
SPACING - 683446	<p>8/22/2018 - G57 - (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</p>

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