

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

API NUMBER: 121 24593 B

Approval Date: 03/23/2018  
Expiration Date: 09/23/2018

Horizontal Hole Oil & Gas  
Multi Unit

Amend reason: ADD FORMATION; CHANGE TOTAL DEPTH &  
BOTTOM-HOLE LOCATION; UPDATE ORDERS

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 22 Twp: 7N Rge: 15E County: PITTSBURG  
SPOT LOCATION: ☐ NW ☐ SE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 831 1795

Lease Name: LYTLE (SHUTT 1-15H) Well No: 1-15/10H Well will be 831 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

KAREN LYTLE  
731 HOOSIER ROAD  
MCALESTER OK 74501

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

	Name	Depth	Name	Depth
1	MAYES	7623	6	
2	WOODFORD	8189	7	
3			8	
4			9	
5			10	

Spacing Orders: 689732  
674152  
588472

Location Exception Orders: 689733

Increased Density Orders:

Pending CD Numbers:

Special Orders:

Total Depth: 18496 Ground Elevation: 655 Surface Casing: 446 IP Depth to base of Treatable Water-Bearing FM: 390

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 not located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is NON HSA

Pit Location Formation: BOGGY

Mud System Change to Water-Based or Oil-Based Mud Requires an Amended Intent (Form 1000).

H. SEE MEMO

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

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 not** located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is NON HSA

Pit Location Formation: BOGGY

#### 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 not** located in a Hydrologically Sensitive Area.

**Category of Pit: C**

**Liner not required for Category: C**

Pit Location is NON HSA

Pit Location Formation: BOGGY

#### HORIZONTAL HOLE 1

Sec 10 Twp 7N Rge 15E County PITTSBURG

Spot Location of End Point: NE NW NE NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 900

Depth of Deviation: 7203

Radius of Turn: 573

Direction: 5

Total Length: 10393

Measured Total Depth: 18496

True Vertical Depth: 8189

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

Notes:

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.

121 24593 LYTLE (SHUTT 1-15H) 1-15/10H

Category	Description
HYDRAULIC FRACTURING	<p>2/26/2018 - 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: <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 - 689733	<p>4/26/2019 - G75 - (F.O.)</p> <p>X588472 MYES, WDFD 15-7N-15E</p> <p>X674152 WDFD 10-7N-15E</p> <p>SHL (22-7N-15E) 831' FNL, 1795' FEL</p> <p>FIRST PERF WDFD (15-7N-15E) 204' FSL, 780' FEL</p> <p>LAST PERF WDFD (15-7N-15E) 798' FNL, 818' FEL</p> <p>FIRST PERF MYES (15-7N-15E) 798' FNL, 818' FEL</p> <p>LAST PERF MYES (15-7N-15E) 262' FNL, 813' FEL</p> <p>FIRST PERF WDFD (15-7N-15E) 262' FNL, 813' FEL</p> <p>LAST PERF WDFD (10-7N-15E) 187' FNL, 869' FEL</p> <p>TRINITY OP. (USG), LLC</p> <p>1-15-2019</p>
MEMO	<p>2/26/2018 - 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 - 588472	<p>4/26/2019 - G75 - (640) 15-7N-15E</p> <p>EXT OTHER</p> <p>EST OTHER</p> <p>EXT 556471 MYES, WDFD, OTHER</p>
SPACING - 674152	<p>3/2/2018 - G75 - (640)(HOR) 10-7N-15E</p> <p>EST WDFD, OTHERS</p> <p>COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL</p>
SPACING - 689732	<p>4/26/2019 - G75 - (F.O.) 15 &amp; 10-7N-15E</p> <p>EST MULTIUNIT HORIZONTAL WELL</p> <p>X588472 MYES, WDFD 15-7N-15E</p> <p>X674152 WDFD 10-7N-15E</p> <p>(MYES ADJACENT COMMON SOURCE OF SUPPLY TO WDFD)</p> <p>50.2945% 15-7N-15E</p> <p>49.7055% 10-7N-15E</p> <p>TRINITY OP. (USG), LLC</p> <p>1-15-2019</p>
SURFACE LOCATION	<p>3/2/2018 - G75 - 831' FNL, 1795' FEL NE4 22-7N-15E WITH GROUND ELEVATION 655' PER STAKING PLAT</p>

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.