

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

API NUMBER: 121 24834

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: 1755 2270

Lease Name: DONNA

Well No: 1-12/1H

Well will be 1755 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: 666050
666047
667269

Location Exception Orders: 667270

Increased Density Orders: 668388

Pending CD Numbers: 201805993
201700984
201700985
201700199

Special Orders:

Total Depth: 16248

Ground Elevation: 604

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 NE NW NW

Feet From: NORTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 930

Depth of Deviation: 7408

Radius of Turn: 573

Direction: 350

Total Length: 7939

Measured Total Depth: 16248

True Vertical Depth: 7781

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 24834 DONNA 1-12/1H

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>9/26/2018 - G57 - (I.O.) 12-7N-18E X666047 WDFD 3 WELLS NO OP. NAMED 9-22-2017</p>
LOCATION EXCEPTION - 667270	<p>9/26/2018 - G57 - (I.O.) 12 & 1-7N-18E X666050 WDFD 1-7N-18E X666047 WDFD 12-7N-18E COMPL. INT. (12-7N-18E) NFT 2640' FNL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (1-7N-18E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL BRAVO ARKOMA, LLC. ** 8-22-2017</p> <p>**S/B TRINITY OPERATING (USG), LLC.; WILL BE CORRECTED AT THE HEARING FOR THE FINAL ORDER PER OPERATOR</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 - 201700984	<p>9/26/2018 - G57 - (E.O.) 12 & 1-7N-18E X667269 EXTENDED UNTIL 8-22-2019 REC 8-31-2018 (DUNN)</p>
PENDING CD - 201700985	<p>9/26/2018 - G57 - (E.O.) 12 & 1-7N-18E X667270 EXTENDED UNTIL 8-22-2019 REC 8-31-2018 (DUNN)</p>
PENDING CD - 201805993	<p>9/26/2018 - G57 - (I.O.) 12-7N-18E X165:10-3-28(C)(2)(B) WDFD (DONNA 1-1/12H) MAY BE NCT 75' FROM THE REASNOR 1-12/13/24H TRINITY OPERATING (USG), LLC. REC 8-24-2018 (JOHNSON)</p>
SPACING - 666047	<p>7/23/2018 - G57 - (640)(HOR) 12-7N-18E EST WDFD, OTHERS POE TO BHL BLT 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 - 667269	<p>9/26/2018 - G57 - (I.O.) 12 & 1-7N-18E EST MULTIUNIT HORIZONTAL WELL X666050 WDFD 1-7N-18E X666047 WDFD 12-7N-18E 34% 12-7N-18E 66% 1-7N-18E BRAVO ARKOMA, LLC.** 8-22-2017</p> <p>**S/B TRINITY OPERATING (USG), LLC.; WILL BE CORRECTED AT THE HEARING FOR THE FINAL ORDER PER OPERATOR</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.



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

API:121 24834

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.

0' 660' 1320' 1980'

1" = 1320'

NAD 27

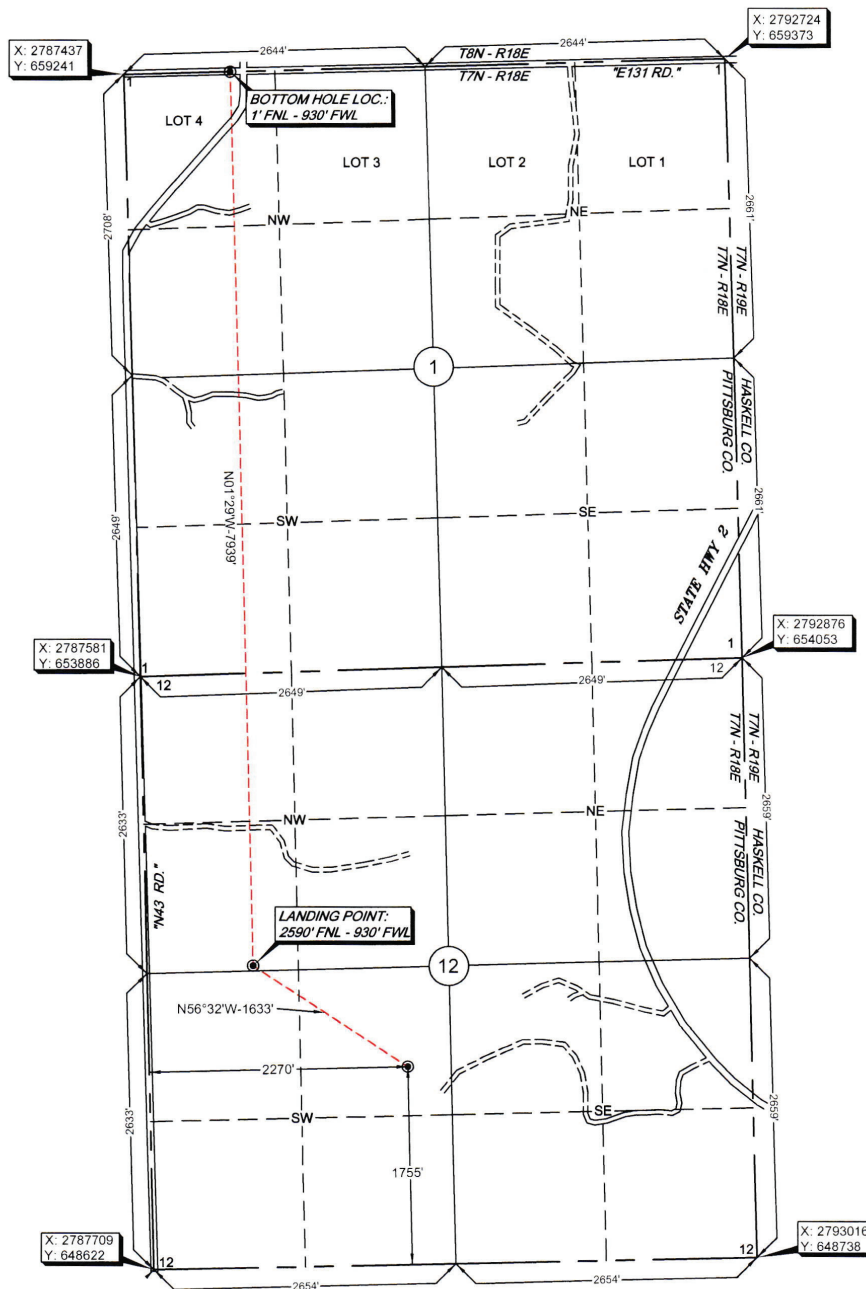
OK SOUTH ZONE

Y: 650426

Y: 651326

Y: 651327

³-Phase note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Phase contact: Airphoto Surveying and Mapping (pmf) if not previously determined. GPS data is obtained from NGS GPS control stations. The accuracy of the data is not guaranteed. The survey was supported on the ground, and further, does NOT represent a True Boundary Survey. Owner: Section delineations may be assumed from a Government Survey Plat or other. Section delineations may be assumed from a Government Survey Plat or other. A proportional distance from opposing section corners, or occupation assumed, and may not have been measured on the ground, and further, does not represent a true boundary survey.



Expires June 30, 2020

Date Drawn: 05/31/18

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

