

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

API NUMBER: 121 24859 A

Approval Date: 08/09/2019
Expiration Date: 02/09/2021

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: AMEND PERMIT FROM STRAT TEST TO A
HORIZONTAL/MULTI WELL. UPDATE TOTAL DEPTH; ADD
BOTTOMHOLE INFO

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 12 Twp: 8N Rge: 17E County: PITTSBURG
SPOT LOCATION: FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2001 2407

Lease Name: ROYAL FLUSH Well No: 1-12/1H Well will be 2001 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

CHARLES TRACY & LAURIE LEA SHELTON
30331 SCR 4250
QUINTON OK 74561

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

Name	Depth	Name	Depth
1 WOODFORD	6506	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201903872
201903875
201903876
201903873

Special Orders:

Total Depth: 14306 Ground Elevation: 628 Surface Casing: 260 Depth to base of Treatable Water-Bearing FM: 210

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

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

Pit is located in a Hydrologically Sensitive Area.

Category of Pit: 4

Liner not required for Category: 4

Pit Location is ALLUVIAL

Pit Location Formation: ALLUVIUM

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

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 01 Twp 8N Rge 17E County PITTSBURG

Spot Location of End Point: NW NE NW NW

Feet From: NORTH 1/4 Section Line: 40

Feet From: WEST 1/4 Section Line: 830

Depth of Deviation: 6325

Radius of Turn: 489

Direction: 355

Total Length: 7212

Measured Total Depth: 14306

True Vertical Depth: 6506

End Point Location from Lease,
Unit, or Property Line: 40

Notes:

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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 24859 ROYAL FLUSH 1-12/1H

Category	Description
HYDRAULIC FRACTURING	<p>8/23/2019 - 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: OCCWEB.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>
MEMO	<p>8/2/2019 - G71 - PIT 2 & 3 - CLOSED SYSTEM=STEEL PITS (REQUIRED LONGTOWN CREEK), WBM & OBM CUTTINGS CAPTURED IN CONCRETE-LINED PIT, SOLIDIFIED AND HELD UNTIL DISPOSAL APPROVED BY OCC; PIT 3 - OBM TO VENDOR</p>
PENDING CD - 201903872	<p>8/27/2019 - GB1 - (I.O.)(640)(HOR) 1-8N-17E EXT 699398 WDFD, OTHERS COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL REC. 8/12/2019 (MOORE)</p>
PENDING CD - 201903873	<p>8/27/2019 - GB1 - (I.O.)(640)(HOR) 12-8N-17E EXT 699399 WDFD, OTHERS COMPL. INT. NLT 165' FNL/FSL, NLT 330' FEL/FWL REC. 8/12/2019 (MOORE)</p>
PENDING CD - 201903875	<p>8/27/2019 - GB1 - (I.O.) 1 & 12-8N-17E X201903872 WDFD, OTHERS 1-8N-17E X201903873 WDFD, OTHERS 12-8N-17E 64.51% 1-8N-17E 35.49% 12-8N-17E NO OP. NAMED REC. 8/12/2019 (MOORE)</p>
PENDING CD - 201903876	<p>8/27/2019 - GB1 - (I.O.) 1 & 12-8N-17E X201903872 WDFD, OTHERS 1-8N-17E X201903873 WDFD, OTHERS 12-8N-17E COMPL. INT. (12-8N-17E) NCT 165' FSL, NCT 0' FNL, NCT 330' FWL COMPL. INT. (1-8N-17E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL NO OP. NAMED REC. 8/12/2019 (MOORE)</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.

**TRINITY
OPERATING**

B.H.L. Sec. 1-8N-17E I.M.

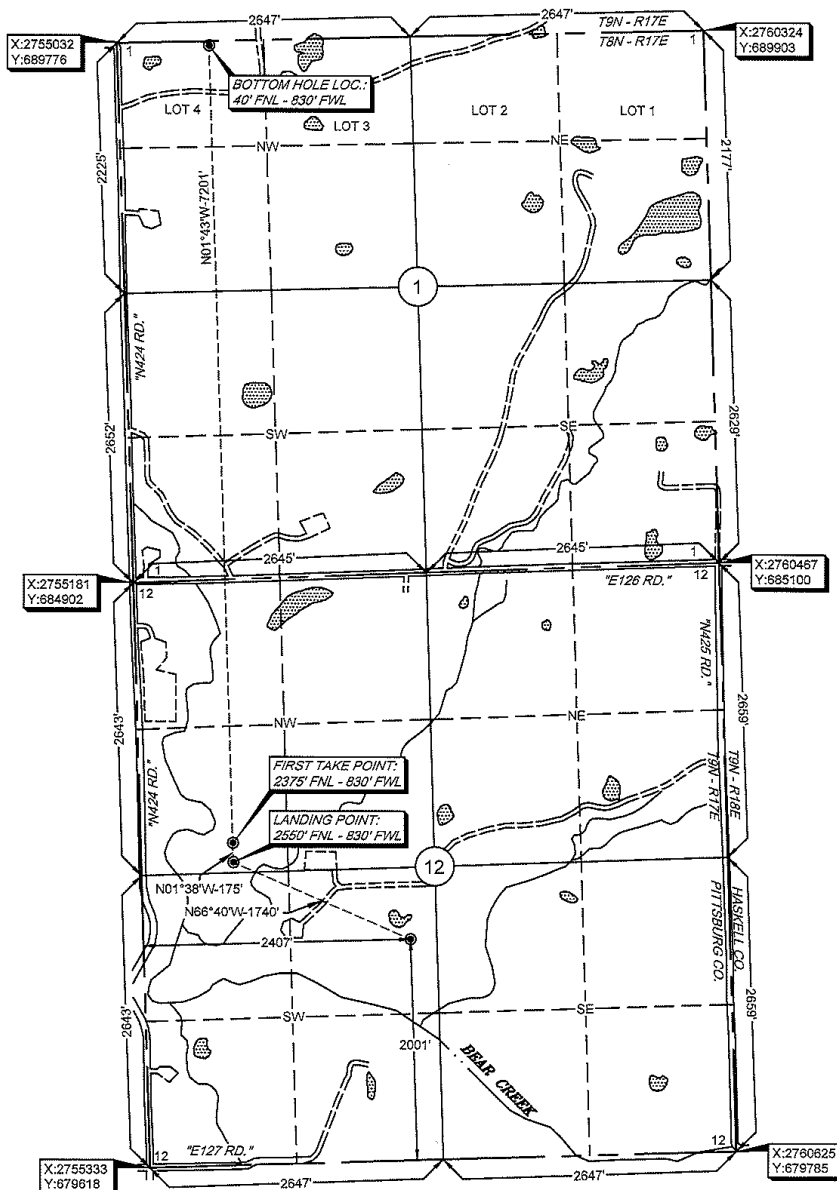
Terrain at Loc.: Location fell in an open field overlapping a pond, with pipelines to the North and East.



All bearings shown
are grid bearings.


$$1'' = 1320'$$

Bottom Hole Loc.:
Lat: 35°12'09.51"N
Lon: 95°28'11.23"W
Lat: 35.20264263
Lon: -95.46978722
X: 2755863
Y: 689756



Please note that this location was skiked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact XMAS Surveying and Mapping promptly if any inconsistency is determined. GPS data is delivered from NTRIP-GPS.com. XMAS's data collection system is not certified. Users may have an incorrect understanding of what the NTRIP-GPS.com system is. Surveying and Mapping is a highly regulated profession. XMAS Surveying and Mapping, Inc. assumes a moderate distance from opposing section corners, or occupation thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Lance G. Mathis
LANCE G. MATHIS

07/15/19

OK LPLS 1664

