

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

API NUMBER: 063 24611 A

Approval Date: 09/13/2016
Expiration Date: 03/13/2017

Horizontal Hole Oil & Gas

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

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 7N Rge: 11E County: HUGHES
SPOT LOCATION: ☐ NW ☐ SW ☐ SW ☐ SE FEET FROM QUARTER: FROM SOUTH FROM EAST
SECTION LINES: 600 2330

Lease Name: ZOE Well No: 4-5H Well will be 600 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

ROZANNE TURNER PROPERTIES LLC
821 E. 11TH ST.
HOLDENVILLE OK 74848

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	5054	6	
2	WOODFORD	5404	7	
3			8	
4			9	
5			10	

Spacing Orders: 629162 Location Exception Orders: 668758 Increased Density Orders: 656911
684100

Pending CD Numbers:

Special Orders:

Total Depth: 10371 Ground Elevation: 892 Surface Casing: 325 Depth to base of Treatable Water-Bearing FM: 230

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: CALVIN

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.

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: ON SITE

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: 1B

Liner required for Category: 1B

Pit Location is BED AQUIFER

Pit Location Formation: CALVIN

PIT 3 INFORMATION

Type of Pit System: ON SITE

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: 3

Liner required for Category: 3

Pit Location is BED AQUIFER

Pit Location Formation: CALVIN

HORIZONTAL HOLE 1

Sec 05 Twp 7N Rge 11E County HUGHES

Spot Location of End Point: NE NE NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1606

Depth of Deviation: 4571

Radius of Turn: 573

Direction: 5

Total Length: 4900

Measured Total Depth: 10371

True Vertical Depth: 5404

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

COMPLETION INTERVAL FOR WOODFORD 4/17/2019 - G75 - FIRST PERF 305' FSL, 1707' FEL; LAST PERF 168' FNL, 1605' FEL PER EXHIBIT FOR (F.O.) LOCATION EXCEPTION # 668758

HYDRAULIC FRACTURING

9/9/2016 - G71 - OCC 165:10-3-10 REQUIRES: 1) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS BE REPORTED TO FRACFOCUS USING THE FOLLOWING LINK [HTTP://FRACFOCUS.ORG/](http://fracfocus.org/) WITH NOTICE GIVEN 48 HOURS IN ADVANCE OF FRACTURING TO THE LOCAL OCC DISTRICT OFFICE; AND, 2) PRIOR TO COMMENCEMENT OF FRACTURING OPERATIONS FOR HORIZONTAL WELLS, NOTICE ALSO GIVEN FIVE BUSINESS DAYS IN ADVANCE TO OFFSET OPERATORS WITH WELLS COMPLETED IN THE SAME COMMON SOURCE OF SUPPLY WITHIN 1/2 MILE.

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.

063 24611 ZOE 4-5H

Category	Description
INCREASED DENSITY - 656911	4/17/2019 - G75 - 5-7N-11E X629162 WDFD 4 WELLS PETROQUEST ENERGY, L.L.C. 10-13-2016 (WELL SPUD 9-16-2016)
INCREASED DENSITY - 684100	4/17/2019 - G75 - X656911 CHANGING OPERATOR TO TRINITY OP. (USG), LLC
LOCATION EXCEPTION - 668758	4/17/2019 - G75 - (F.O.) 5-7N-11E X629162 MSSP SHL 600' FSL, 2330' FEL FIRST PERF 209' FSL, 1717' FEL LAST PERF 305' FSL, 1707' FEL BHL 1' FNL, 1606' FEL TRINITY OP. (USG), LLC 10-3-2017 (WELL SPUD 9-16-2016)
MEMO	9/9/2016 - G71 - PIT 2 & 3 - CONCRETE-LINED PIT PER OPERATOR REQUEST; PIT 3 - OBM TO VENDOR, OBM CUTTINGS PER DISTRICT
SPACING - 629162	4/17/2019 - G75 - (640)(HOR) 5-7N-11E EST MSSP EXT 618804 WDFD, OTHERS COMPL. INT. (MSSP) NLT 660' FB COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL