

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

API NUMBER: 063 24777

Approval Date: 02/23/2018

Expiration Date: 08/23/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 8N Rge: 10E County: HUGHES
SPOT LOCATION: SE NE NW NW FEET FROM QUARTER: FROM NORTH FROM WEST
SECTION LINES: 370 1185

Lease Name: VIVIAN Well No: 4-27/34H Well will be 370 feet from nearest unit or lease boundary.

Operator Name: TRINITY OPERATING (USG) LLC Telephone: 9185615631 OTC/OCC Number: 23879 0

TRINITY OPERATING (USG) LLC
1717 S BOULDER AVE STE 201
TULSA, OK 74119-4842

WADE BAGWELL
2465 HIGHWAY 75
WETUMKA OK 74883

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

Name	Depth	Name	Depth
1 WOODFORD	4335	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671322
671943

Location Exception Orders:

Increased Density Orders: 673079
673080

Pending CD Numbers: 201708463
201708464

Special Orders:

Total Depth: 14921 Ground Elevation: 796 **Surface Casing: 410** Depth to base of Treatable Water-Bearing FM: 360

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.

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: CALVIN

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: CALVIN

HORIZONTAL HOLE 1

Sec 34 Twp 8N Rge 10E County HUGHES

Spot Location of End Point: SE SW SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 610

Depth of Deviation: 4325

Radius of Turn: 155

Direction: 178

Total Length: 4169

Measured Total Depth: 14921

True Vertical Depth: 4335

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.

Category	Description
HYDRAULIC FRACTURING	2/20/2018 - G71 - OCC 165:10-3-10 REQUIRES: 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; 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, 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
INCREASED DENSITY - 673079	2/23/2018 - G58 - (I.O.) 27-8N-10E X671322 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018
INCREASED DENSITY - 673080	2/23/2018 - G58 - (I.O.) 34-8N-10E X671943 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018
MEMO	2/20/2018 - 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
PENDING CD - 201708463	2/23/2018 - G58 - (I.O.) 27 & 34-8N-10E EST MULTIUNIT HORIZONTAL WELL X671322 WDFD (27-8N-10E) X671943 WDFD (34-8N-10E) 50% 27-8N-10E 50% 34-8N-10E NO OP. NAMED REC 1/8/2018 (DUNN)
PENDING CD - 201708464	2/23/2018 - G58 - (I.O.) 27 & 34-8N-10E X671322 WDFD (27-8N-10E) X671943 WDFD (34-8N-10E) COMPL. INT. (27-8N-10E) NCT 0' FSL, NCT 165' FNL, NCT 330' FWL COMPL. INT. (34-8N-10E) NCT 0' FNL, NCT 165' FSL, NCT 330' FWL NO OP. NAMED REC 1/8/2018 (DUNN)
SPACING - 671322	2/23/2018 - G58 - (640)(HOR) 27-8N-10E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (EXIST CONCURRENTLY WITH ANY PREVIOUSLY FORMED NON-HORIZONTAL DRILLING AND SPACING UNIT)
SPACING - 671943	2/23/2018 - G58 - (640)(HOR) 34-8N-10E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL & FSL, NLT 330' FEL & FWL (EXIST CONCURRENTLY WITH ANY PREVIOUSLY FORMED NON-HORIZONTAL DRILLING AND SPACING UNIT)

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.



Well Location Plat

S.H.L. Sec. 27-8N-10E I.M.
B.H.L. Sec. 34-8N-10E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: VIVIAN 4-27/34H
Footage: 370' FNL - 1185' FWL Gr. Elevation: 796'
Section: 27 Township: 8N Range: 10E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in open pasture.

063-24777



All bearings shown
are grid bearings.



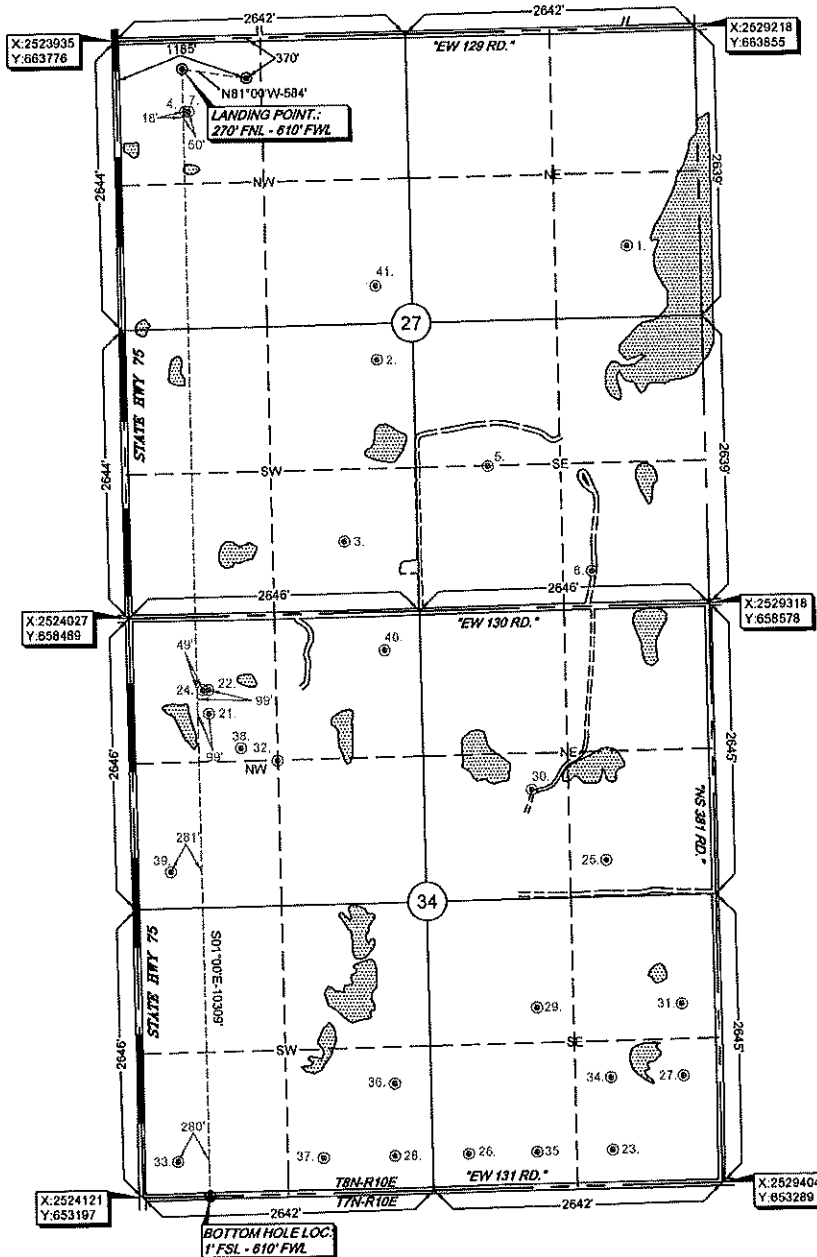
1" = 1320'

GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°08'37.58"N
Lon: 96°14'36.64"W
X: 2525126
Y: 663424

Landing Point:
Lat: 35°08'38.58"N
Lon: 96°14'43.56"W
X: 2524549
Y: 663515

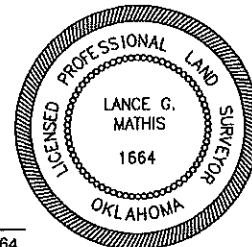
Bottom Hole Loc.:
Lat: 35°06'56.62"N
Lon: 96°14'43.53"W
X: 2524731
Y: 653208



Please note that this location was obtained on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of the survey is not guaranteed. Please contact Arkoma Surveying and Mapping, PLLC for more information. NOTE: X and Y data shown herein for Section Corners may NOT have been surveyed on the ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or other reliable source. All bearings and distances shown on this plat are assumed to be true unless otherwise noted. All bearings and distances shown on this plat represent a true boundary survey.

Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-6030
Certificate of Authorization No. 5348
Expires June 30, 2018

Certification:
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.



Invoice #7523-D
Date Staked: 12/11/17 By: D.A.
Date Drawn: 12/13/17 By: C.K.

Lance G. Mathis 12/22/17
LANCE G. MATHIS OK LPLS 1664