

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

API NUMBER: 063 24776

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: 355 1185

Lease Name: VIVIAN

Well No: 3-27/34H

Well will be 355 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	4353	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671322  
671943

Location Exception Orders:

Increased Density Orders: 673079  
673080

Pending CD Numbers: 201708461  
201708462

Special Orders:

Total Depth: 13528 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 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: WETUMKA

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 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: WETUMKA

#### 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: WETUMKA

#### HORIZONTAL HOLE 1

Sec 34 Twp 8N Rge 10E County HUGHES

Spot Location of End Point: SE SW NE SW

Feet From: SOUTH 1/4 Section Line: 1410

Feet From: WEST 1/4 Section Line: 1930

Depth of Deviation: 3853

Radius of Turn: 496

Direction: 170

Total Length: 8895

Measured Total Depth: 13528

True Vertical Depth: 4353

End Point Location from Lease,  
Unit, or Property Line: 1410

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.

063 24776 VIVIAN 3-27/34H

Category	Description
HYDRAULIC FRACTURING	<p>2/20/2018 - 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>
INCREASED DENSITY - 673079	<p>2/23/2018 - G58 - (I.O.) 27-8N-10E X671322 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018</p>
INCREASED DENSITY - 673080	<p>2/23/2018 - G58 - (I.O.) 34-8N-10E X671943 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018</p>
MEMO	<p>2/20/2018 - 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>
PENDING CD - 201708461	<p>2/23/2018 - G58 - (I.O.) 27 &amp; 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)</p>
PENDING CD - 201708462	<p>2/23/2018 - G58 - (I.O.) 27 &amp; 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 1600' FWL COMPL. INT. (34-8N-10E) NCT 0' FNL, NCT 165' FSL, NCT 1600' FWL NO OP. NAMED REC 1/8/2018 (DUNN)</p>
SPACING - 671322	<p>2/23/2018 - G58 - (640)(HOR) 27-8N-10E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL (EXIST CONCURRENTLY WITH ANY PREVIOUSLY FORMED NON-HORIZONTAL DRILLING AND SPACING UNIT)</p>
SPACING - 671943	<p>2/23/2018 - G58 - (640)(HOR) 34-8N-10E EST WDFD, OTHERS COMPL. INT. NLT 165' FNL &amp; FSL, NLT 330' FEL &amp; FWL (EXIST CONCURRENTLY WITH ANY PREVIOUSLY FORMED NON-HORIZONTAL DRILLING AND SPACING UNIT)</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.

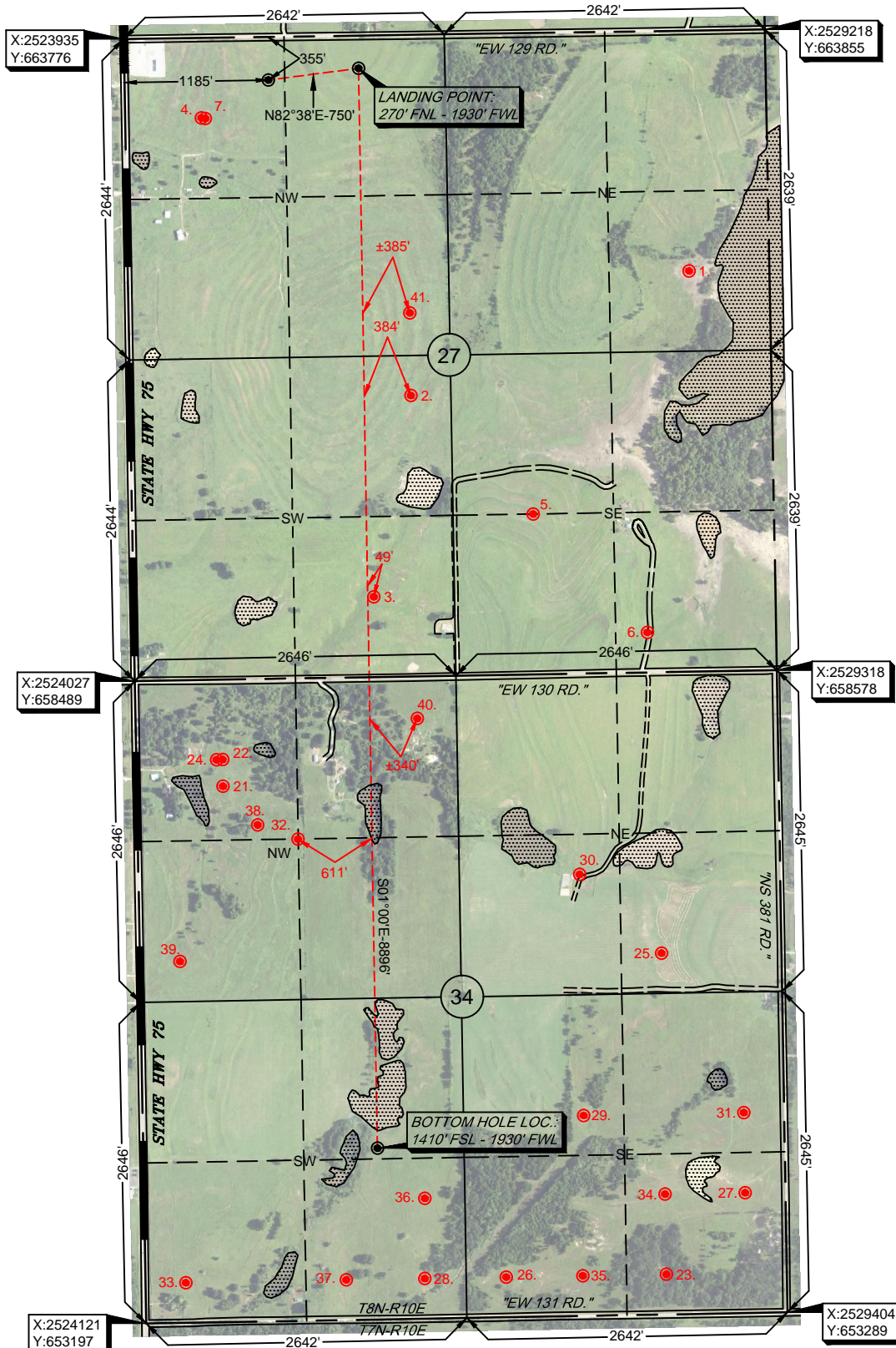
Rule 165: 10-3-4 (c) (7) (e) - The Operator shall give 24 Hours notice by telephone to the appropriate District Office of the Conservation Division as to when Surface Casing will be run.



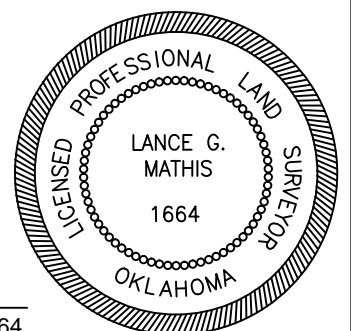
Operator: TRINITY OPERATING  
Lease Name and No.: VIVIAN 3-27/34H  
Footage: 355' FNL - 1185' FWL Gr. Elevation: 796'  
Section: 27 Township: 8N Range: 10E I.M.  
County: Hughes State of Oklahoma  
Terrain at Loc.: Location fell in open pasture.

Bottom Hole Loc.:  
Lat: 35°07'10.56"N  
Lon: 96°14'27.65"W  
X: 2526026  
Y: 654640

Please 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. Please contact Altona Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -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 assumed at a proportionate 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.



OK LPLS 1664

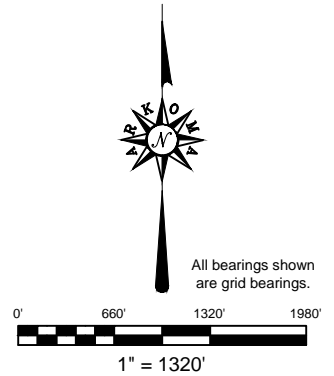




# Well Location Plat

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 3-27/34H  
Footage: 355' 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.



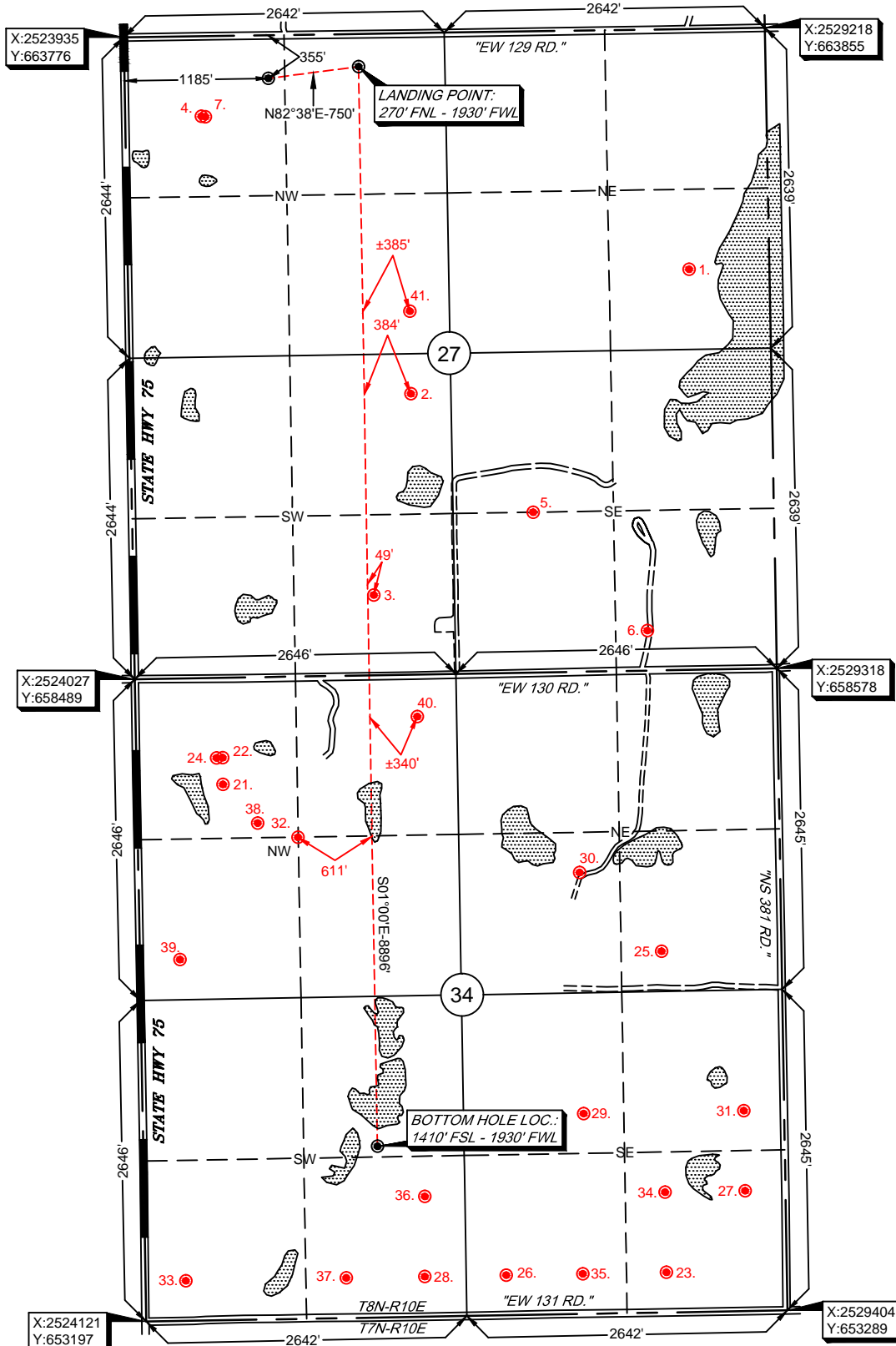
GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°08'37.73"N  
Lon: 96°14'36.64"W  
X: 2525126  
Y: 663439

Landing Point:  
Lat: 35°08'38.55"N  
Lon: 96°14'27.67"W  
X: 2525869  
Y: 663535

Bottom Hole Loc.:  
Lat: 35°07'10.56"N  
Lon: 96°14'27.65"W  
X: 2526026  
Y: 654640

Please 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. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. -NOTE: X and Y data shown hereon 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 assumed at a proportionate 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.



Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2018

## Certification:

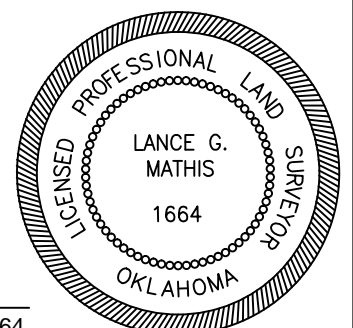
This is to certify that this Well Location Plat represents the results of a survey made on the ground performed under the supervision of the undersigned.

Invoice #7523-C  
Date Staked: 12/11/17 By: D.A.  
Date Drawn: 12/13/17 By: C.K.  
Corrected BHL footage call: 02/20/18 By: R.S.

LANCE G. MATHIS

02/20/18

OK LPLS 1664





**TRINITY  
OPERATING**

# Anti-Collision Info

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 3-27/34H

Footage: 355' FNL - 1185' FWL Gr. Elevation: 796'

Landing Point: 270' FNL - 1930' FWL

Section: 27 Township: 8N Range: 10E I.M.

Bottom Hole Location: 1410' FSL - 1930' FWL

Section: 34 Township: 8N Range: 10E I.M.

County: Hughes State of Oklahoma

## SECTION 27-8N-10E

1. K S OIL COMPANY INC <b>LAKESIDE 1-LS</b> 660' FSL - 1980' FWL (NE/4) OCC STATUS: PA	2. OTC/OCC NOT ASSIGNED <b>BOGWELL 1</b> 330' FNL - 330' FEL (SW/4) OCC STATUS: AC	3. LOFTIS BOB L <b>HOPE 1</b> 660' FSL - 1980' FWL (SW/4) OCC STATUS: AC
4. DAYCON EXPLORATION <b>GOODEN EAST #1</b> 1985 FSL - 628' FWL (NW/4) OCC STATUS: AC	5. GEL OIL & GAS INC <b>FAITH 1</b> 1320' FSL - 660' FWL (SE/4) OCC STATUS: PA	6. LOFTIS BOB L <b>JUBILEE 1</b> 330' FSL - 1584' FWL (SE/4) OCC STATUS: AC
7. DAYCON EXPLORATION <b>GOODEN EAST / CALL YOUR BANKER 1</b> 1980' FSL - 660' FWL (NW/4) OCC STATUS: AC	7. DAYCON EXPLORATION <b>GOODEN EAST / CALL YOUR BANKER 1</b> 1980' FSL - 660' FWL (NW/4) OCC STATUS: AC	41. OTC/OCC NA <b>BAGEWELL 2</b> SE/4-SE/4-NW/4 OCC STATUS: AC

## SECTION 34-8N-10E

21. OTC/OCC NOT ASSIGNED <b>LEADER 3</b> 880' FNL - 710' FWL (NW/4) OCC STATUS: PA	22. SOPAC EXPLORATION INC <b>LEADER 2</b> 660' FNL - 710' FWL (NW/4) OCC STATUS: PA	23. OTC/OCC NOT ASSIGNED <b>BURKETT 2</b> 330' FSL - 1650' FWL (SE/4) OCC STATUS: AC
24. OTC/OCC NOT ASSIGNED <b>READER 1</b> 660' FNL - 660' FWL (NW/4) OCC STATUS: PA	25. OTC/OCC NOT ASSIGNED <b>NOLAN 1</b> 330' FSL - 990' FEL (NE/4) OCC STATUS: PA	26. WEEMS BILL OIL LLC <b>BURKETT 1</b> 330' FSL - 330' FWL (SE/4) OCC STATUS: PA
27. RICHARDSON BUD II <b>BURKETT 3</b> 990' FSL - 2310' FWL (SE/4) OCC STATUS: AC	28. WEEMS BILL OIL LLC <b>BURKETT 1</b> 330' FSL - 2300' FWL (SW/4) OCC STATUS: PA	29. WEEMS BILL OIL LLC <b>BURKETT 1-A</b> 1650' FSL - 990' FWL (SE/4) OCC STATUS: PA
30. PRICE HARVEY <b>SUMMERS 1</b> 990' FSL - 990' FWL (NE/4) OCC STATUS: AC	31. RICHARDSON BUD II <b>BURKETT 4</b> 1650' FSL - 2310' FWL (SE/4) OCC STATUS: AC	32. LOFTIS BOB L. <b>GRACE 1</b> 1320' FSL - 1320' FWL (NW/4) OCC STATUS: PA
33. OTC/OCC NOT ASSIGNED <b>BURKETT 1</b> 330' FSL - 330' FWL (SW/4) OCC STATUS: AC	34. OTC/OCC NOT ASSIGNED <b>BURKETT 1</b> 990' FSL - 1650' FWL (SE/4) OCC STATUS: AC	35. OTC/OCC NOT ASSIGNED <b>BURKETT DAVID 2</b> 330' FSL - 960' FWL (SE/4) OCC STATUS: AC
36. OTC/OCC NOT ASSIGNED <b>PRICE AUBREY 1</b> 990' FSL - 330' FEL (SW/4) OCC STATUS: PA	37. OTC/OCC NOT ASSIGNED <b>BURKETT 2</b> 330' FSL - 990' FEL (SW/4) OCC STATUS: PA	38. OTC/OCC NOT ASSIGNED <b>LEADER 1</b> 4090' FSL - 990' FWL (NW/4) OCC STATUS: AC
39. OTC/OCC NOT ASSIGNED <b>BURKETT DAVID 1</b> 330' FSL - 330' FWL (NW/4) OCC STATUS: AC	40. WEEMS BILL OIL LLC <b>LEADER 1</b> CNE/4-NE/4-NW/4 OCC STATUS: PA	

Survey and plat by:

Arkoma Surveying and Mapping, PLLC

P.O. Box 238 Wilburton, OK 74578

Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348

Expires June 30, 2018

ANTICOLLISION INFO SHOWN IN BLUE REPRESENT  
WELLS SURVEYED ON THE GROUND.

**\*PLEASE NOTE\***

EXISTING WELL DATA SHOWN HEREON WAS  
FURNISHED FROM THE OCC WEBSITE AND WAS NOT  
SURVEYED OR VERIFIED ON THE GROUND

Invoice #7523-C

Date Staked: 12/11/17 By: D.A.

Date Drawn: 12/13/17 By: C.K.



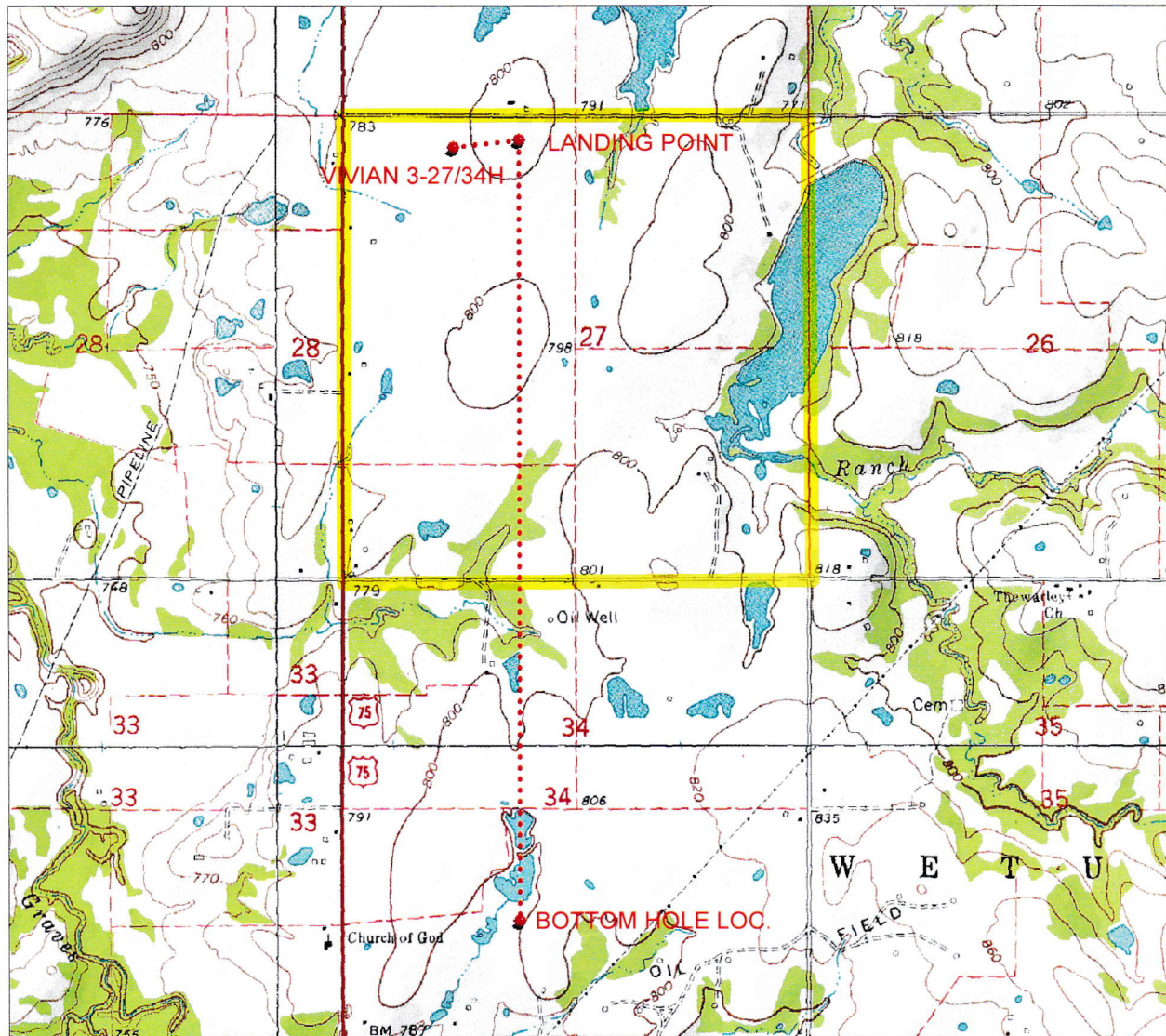
# Topographic Vicinity Map

Operator: TRINITY OPERATING  
Lease Name and No.: VIVIAN 3-27/34H  
Surface Hole Location: 355' FNL - 1185' FWL  
Landing Point: 270' FNL - 1930' FWL  
Sec. 27 Twp. 8N Rng. 10E I.M.  
Bottom Hole Location: 1410' FSL - 1930' FWL  
Sec. 34 Twp. 8N Rng. 10E I.M.  
County: Hughes State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 796'



Provided by:  
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P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030

Certificate of Authorization No. 5348  
Expires June 30, 2018

Date Staked: 12/11/17

The purpose of this map is to verify the location and elevation as staked on the ground and to show the surrounding Topographic features. The footage shown hereon is only as SCALED onto a U.S.G.S. Topographic Map.

Please note that this location was staked carefully on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed.

Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined.

# County Highway Vicinity Map



Job #: 7523-C

Operator: TRINITY OPERATING

Lease Name and No.: VIVIAN 3-27/34H

Accessibility: From the South.

Directions: From the junction of US HWY 270 & US HWY 75 in the town of Horntown, OK, go 4.0 miles North on US HWY 75, then go 0.2 miles East on "EW 129 RD" to the Northwest Quarter of Section 27-8N-10E on the South side of the road.

1 inch = 0.5 mile

provided by,  
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