

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

API NUMBER: 063 24764

Approval Date: 02/08/2018

Expiration Date: 08/08/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 27 Twp: 8N Rge: 10E County: HUGHES  
SPOT LOCATION: ☐ SW ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 448 1712

Lease Name: VIVIAN Well No: 1-27/34H Well will be 448 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

JOY NILES  
11118 S JOPLIN AVE  
TULSA OK 74137

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

Name	Depth	Name	Depth
1 WOODFORD	4388	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671322  
671943

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201708021  
201708022

Special Orders:

Total Depth: 14965 Ground Elevation: 792 Surface Casing: 350 Depth to base of Treatable Water-Bearing FM: 300

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

#### 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 AP/TE DEPOSIT

Pit Location Formation: TERRACE

#### HORIZONTAL HOLE 1

Sec 34 Twp 8N Rge 10E County HUGHES

Spot Location of End Point: SE SW SE SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 710

Depth of Deviation: 3888

Radius of Turn: 484

Direction: 175

Total Length: 10317

Measured Total Depth: 14965

True Vertical Depth: 4388

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.

063 24764 VIVIAN 1-27/34H

Category	Description
HYDRAULIC FRACTURING	<p>2/6/2018 - 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>
MEMO	<p>2/6/2018 - 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 - 201708021	<p>2/8/2018 - 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 12/22/2017 (JOHNSON)</p>
PENDING CD - 201708022	<p>2/8/2018 - 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 330' FEL  COMPL. INT. (34-8N-10E) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL  NO OP. NAMED  REC 12/22/2017 (JOHNSON)</p>
SPACING - 671322	<p>2/8/2018 - 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>2/8/2018 - 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.

Dennis,

Your e-mail got me thinking about several other wells that we postponed drilling on but never Spud:

FIELD	PAD_NAME	WELLS	COUNTY	PERMIT APPROVED	DATE PERMIT EXPIRES (AFTER 6 MNTHS)	API #	SPUD_DATE
WEST RELAY	Dora East	Dora 2-21/28H	HUGHES	8/28/2018	2/28/2019	3506324845	9/8/2018
WEST RELAY	Dora East	Dora 3-21/28H	HUGHES	8/28/2018	2/28/2019	3506324844	9/10/2018
WEST RELAY	CARLA	CARLA 1-11/14H	HUGHES	12/8/2017	6/8/2018	3506324741	Post Poned
WEST RELAY	CARLA	CARLA 2-21/14H	HUGHES	12/8/2017	7/3/2018	3506324742	Post Poned
WEST RELAY	CARLA	CARLA 3-21/14H	HUGHES	12/8/2017	6/8/2018	3506324743	Post Poned
WEST RELAY	Daisy East	Daisy 3-19/18H	HUGHES	1/3/2018	7/3/2018	3506324748	Post Poned
WEST RELAY	Daisy East	Daisy 4-19/18H	HUGHES	1/3/2018	7/3/2018	3506324749	Post Poned
WEST RELAY	Daisy East	Daisy 5-19/18H	HUGHES	1/3/2018	7/3/2018	3506324751	Post Poned
WEST RELAY	Daisy West	Daisy 1-19/18H	HUGHES	1/3/2018	7/3/2018	3506324752	Post Poned
WEST RELAY	Daisy West	Daisy 2-19/18H	HUGHES	1/3/2018	7/3/2018	3506324753	Post Poned
WEST RELAY	Debra East	Debra 1-22/15H	HUGHES	2/8/2018	8/8/2018	3506324763	Post Poned
WEST RELAY	Debra East	Vivian 1-27/34H	HUGHES	2/8/2018	8/8/2018	3506324764	Post Poned
WEST RELAY	Debra East	Vivian 2-27/34H	HUGHES	2/8/2018	8/8/2018	3506324765	Post Poned
WEST RELAY	SIERRA	SIERRA 1-11/14H	HUGHES	12/8/2017	7/18/2018	3506324739	Post Poned
WEST RELAY	SIERRA	SIERRA 2-11/14H	HUGHES	12/8/2017	7/18/2018	3506324740	Post Poned





# Well Location Plat

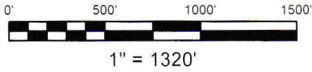
S.H.L. 27-8N-10E I.M.  
B.H.L. 34-8N-10E I.M.

Operator: TRINITY OPERATING  
Lease Name and No.: VIVIAN 1-27/34H  
Footage: 448' FNL - 1712' FEL Gr. Elevation: 792'  
Section: 27 Township: 8N Range: 10E I.M.  
County: Hughes State of Oklahoma  
Terrain at Loc.: Location fell in pasture that slopes down to the NW with an existing  
Enable P/L to the North and drain to the West.

063-24764



All bearings shown  
are grid bearings.

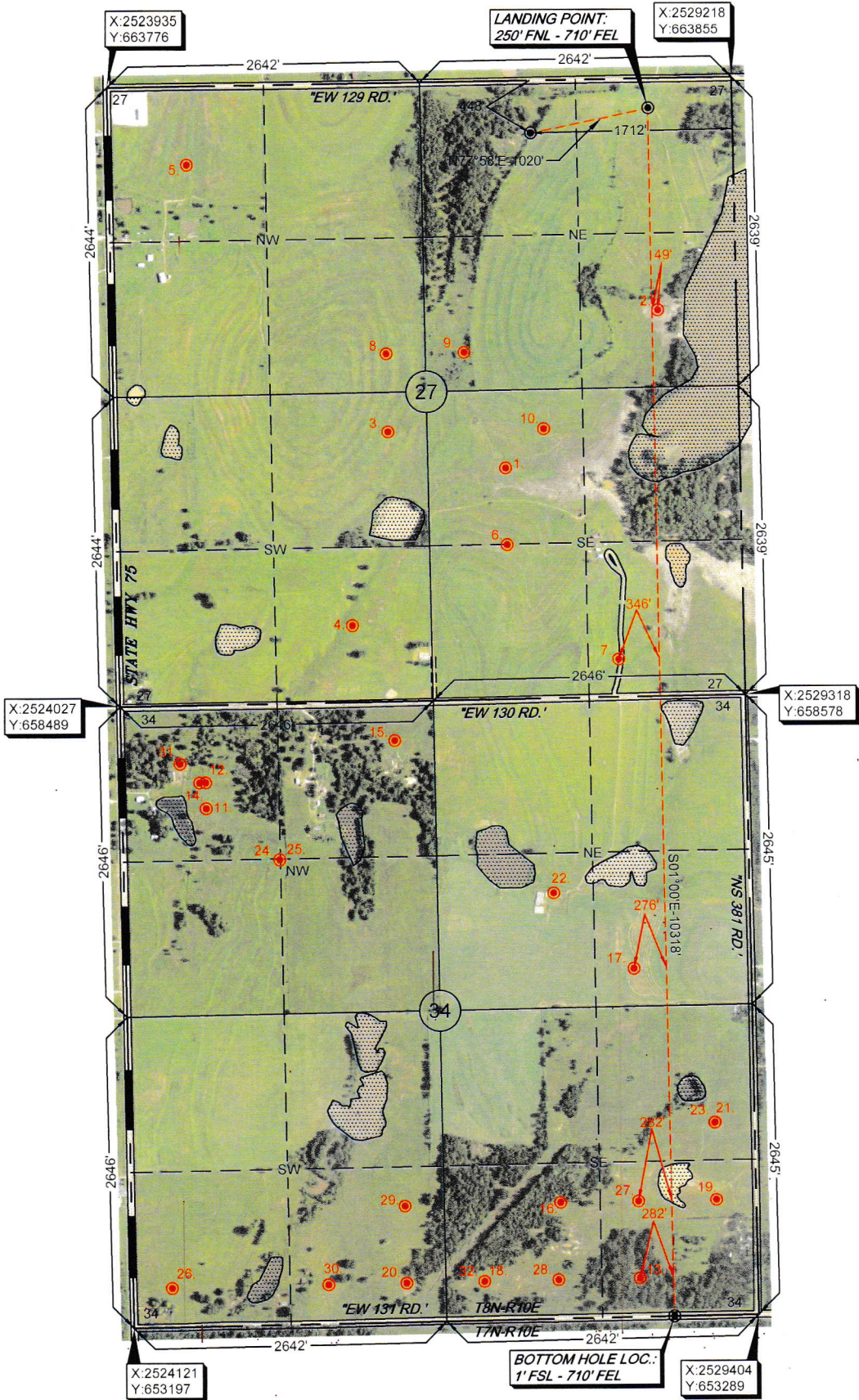


GPS DATUM  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°08'36.75"N  
Lon: 96°14'07.88"W  
X: 2527515  
Y: 663382

Landing Point:  
Lat: 35°08'38.68"N  
Lon: 96°13'55.83"W  
X: 2528513  
Y: 663595

Bottom Hole Loc.:  
Lat: 35°06'56.63"N  
Lon: 96°13'55.82"W  
X: 2528694  
Y: 653278



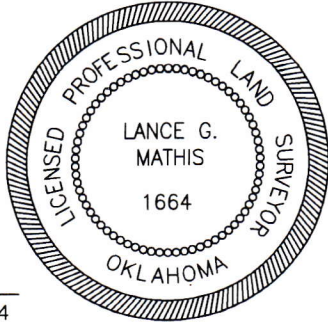
Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS. NOTE: 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

Invoice #7506-A  
Date Staked: 11/21/17 By: H.S.  
Date Drawn: 12/01/17 By: K.B.  
Added LP & BHL: 12/05/17 By: K.B.

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.

LANCE G. MATHIS 12/08/17  
OK LPLS 1664







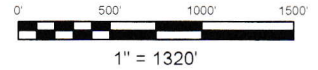
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B.H.L. 34-8N-10E I.M.

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Lease Name and No.: VIVIAN 1-27/34H  
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All bearings shown  
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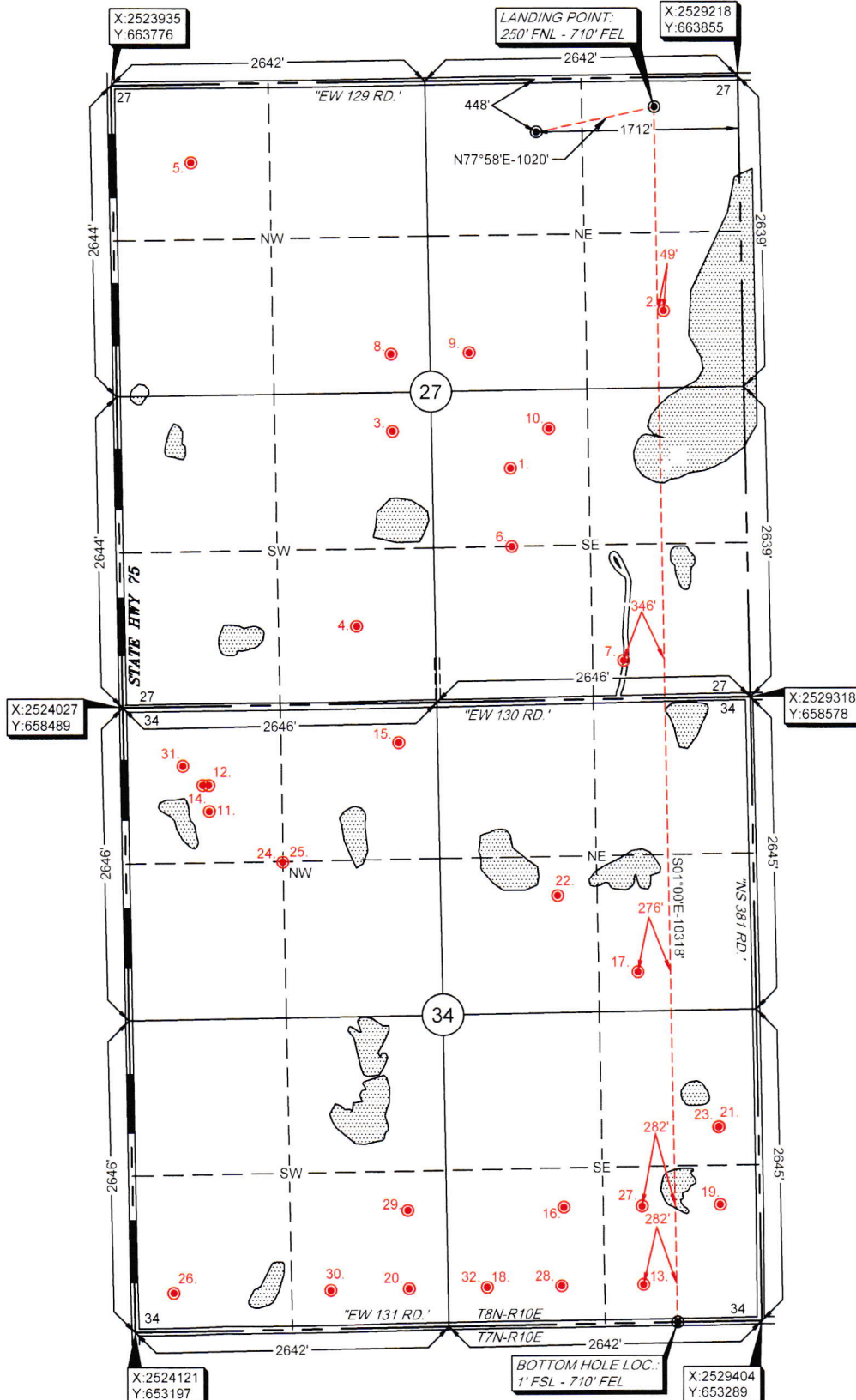


GPS DATUM  
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OK SOUTH ZONE

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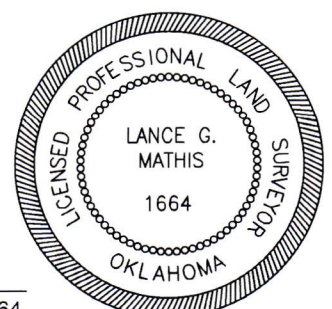
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LANCE G. MATHIS

12/08/17

OK LPLS 1664





# Anti-Collision Info

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

Operator: TRINITY OPERATING  
Lease Name and No.: VIVIAN 1-27/34H  
Footage: 448' FNL - 1712' FEL Gr. Elevation: 792'  
Landing Point: 250' FNL - 710' FEL  
Sec. 27 Twp. 8N Rng. 10E I.M.  
Bottom Hole Location: 1' FSL - 710' FEL  
Sec. 34 Twp. 8N Rng. 10E I.M.  
County: Hughes State of Oklahoma

## SECTION 27-8N -10E

1. LOFTIS BOB L <b>PRICE 1</b> 1982' FSL - 661' FEL (SE/4) OCC STATUS: AC
2. K S OIL COMPANY INC <b>LAKESIDE 1-LS</b> 660' FSL - 1980' FWL (NE/4) OCC STATUS: PA
3. OTC/OCC NA <b>BOGWELL 1</b> 330' FNL - 330' FEL (SW/4) OCC STATUS: AC
4. LOFTIS BOB L <b>HOPE 1</b> 660' FSL - 1980' FWL (SW/4) OCC STATUS: AC
5. DAYCON EXPLORATION <b>GOODEN EAST/CALL YOUR BANKER 1</b> 1980' FSL - 660' FWL (NW/4) OCC STATUS: AC
6. GEL OIL & GAS INC <b>FAITH 1</b> 1320' FSL - 660' FWL (SE/4) OCC STATUS: PA
7. LOFTIS BOB L <b>JUBILEE 1</b> 330' FSL - 1584' FWL (SE/4) OCC STATUS: AC
8. OTC/OCC NA <b>BAGWELL 2</b> 330' FSL - 2313' FWL (NE/4) OCC STATUS: AC
9. OTC/OCC NA <b>ALEXANDER 1</b> 330' FSL - 330' FWL (NE/4) OCC STATUS: PA
10. OTC/OCC NA <b>PRICE 1</b> 2311' FSL - 992' FWL (SE/4) OCC STATUS: AC

## SECTION 34-8N -10E

11. OTC/OCC NA <b>LEADER 3</b> 880' FNL - 710' FWL (NW/4) OCC STATUS: PA	22. PRICE HARVEY <b>SUMMERS 1</b> 990' FSL - 990' FWL (NE/4) OCC STATUS: AC
12. SOPAC EXPLORATION INC <b>LEADER 2</b> 660' FNL - 710' FWL (NW/4) OCC STATUS: PA	23. RICHARDSON BUD II <b>BURKETT 4</b> 1650' FSL - 2310' FWL (SE/4) OCC STATUS: AC
13. OTC/OCC NA <b>BURKETT 2</b> 330' FSL - 1650' FWL (SE/4) OCC STATUS: PA	24. LOFTIS BOB L <b>GRACE 1</b> 1320' FSL - 1320' FWL (NW/4) OCC STATUS: PA
14. OTC/OCC NA <b>READER 1</b> 660' FNL - 660' FWL (NW/4) OCC STATUS: PA	25. OTC/OCC NA <b>LEADER 1</b> 1320' FSL - 1320' FWL (NW/4) OCC STATUS: AC
15. WEEMS BILL OIL LLC <b>LEADER 1</b> 2315' FSL - 2315' FWL (NW/4) OCC STATUS: PA	26. OTC/OCC NA <b>BURKETT 1</b> 330' FSL - 330' FWL (SW/4) OCC STATUS: AC
16. WEEMS BILL OIL LLC <b>BURKETT 3</b> 992' FSL - 991' FWL (SE/4) OCC STATUS: PA	27. OTC/OCC NA <b>BURKETT 1</b> 330' FSL - 960' FWL (SE/4) OCC STATUS: AC
17. OTC/OCC NA <b>NOLAN 1</b> 330' FSL - 990' FEL (NE/4) OCC STATUS: PA	28. OTC/OCC NA <b>BURKETT DAVID 2</b> 990' FSL - 1650' FWL (SE/4) OCC STATUS: AC
18. WEEMS BILL OIL LLC <b>BURKETT 1</b> 330' FSL - 330' FWL (SE/4) OCC STATUS: PA	29. OTC/OCC NA <b>PRICE AUBREY 1</b> 990' FSL - 330' FEL (SW/4) OCC STATUS: PA
19. RICHARDSON BUD II <b>BURKETT 3</b> 990' FSL - 2310' FWL (SE/4) OCC STATUS: AC	30. OTC/OCC NA <b>BURKETT 2</b> 330' FSL - 990' FEL (SW/4) OCC STATUS: PA
20. WEEMS BILL OIL LLC <b>BURKETT 1</b> 351' FSL - 2312' FWL (SW/4) OCC STATUS: PA	31. OTC/OCC NA <b>LEADER 1</b> 2150' FSL - 496' FWL (NW/4) OCC STATUS: AC
21. WEEMS BILL OIL LLC <b>BURKETT 1-A</b> 1653' FSL - 2313' FWL (SE/4) OCC STATUS: PA	32. OTC/OCC NA <b>BURKETT DAVID 2</b> 330' FSL - 330' FWL (SE/4) OCC STATUS: AC

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### \*PLEASE NOTE\*

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

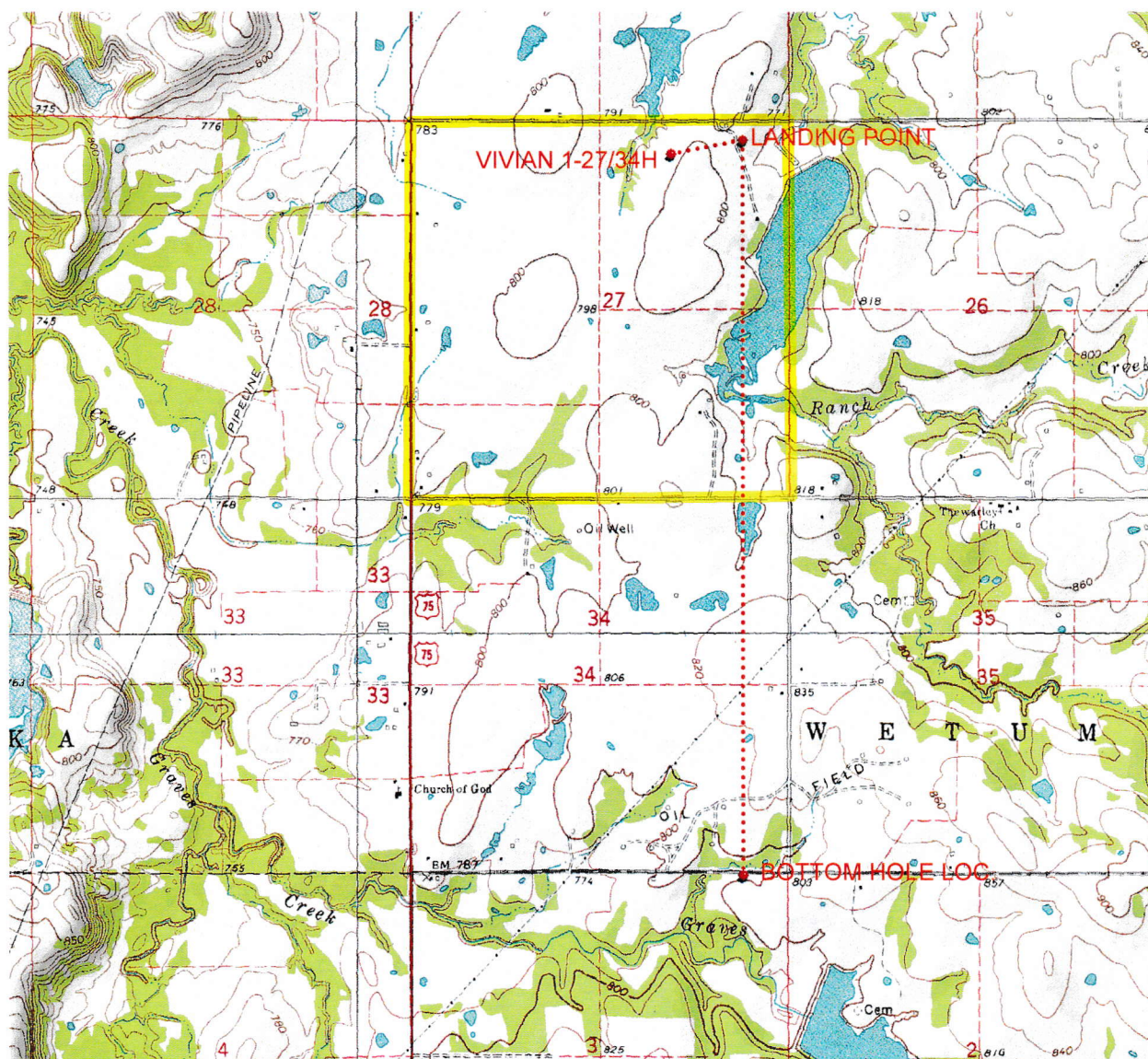




Ground Elevation at Surface Hole Location: 792'



Scale 1" = 2000'  
Contour Interval: 10'



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

Date Staked: 11/21/17

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



# County Highway Vicinity Map



#7506-A

Operator: TRINITY OPERATING

Lease Name and No.: VIVIAN 1-27/34H

**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 0.7 miles East on "EW 129 RD." to the Northeast Quarter of Section 27-8N-10E on the South side of the road.**

1 inch = 0.75 mile

provided by,  
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