

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

API NUMBER: 063 24765

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 1741

Lease Name: VIVIAN Well No: 2-27/34H 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	4289	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 671322
671943

Location Exception Orders:

Increased Density Orders: 673079
673080

Pending CD Numbers: 201708460
201708459

Special Orders:

Total Depth: 14869 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

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

Pit is located in a Hydrologically Sensitive Area.

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

H. SEE MEMO

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).

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: C

Liner not required for Category: C

Pit Location is AP/TE DEPOSIT

Pit Location Formation: TERRACE

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: 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 SW SE

Feet From: SOUTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 2030

Depth of Deviation: 3789

Radius of Turn: 484

Direction: 175

Total Length: 10320

Measured Total Depth: 14869

True Vertical Depth: 4323

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 24765 VIVIAN 2-27/34H

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: OCCEWEB.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>
INCREASED DENSITY - 673079	<p>2/8/2018 - G58 - (I.O.) 27-8N-10E X671322 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018</p>
INCREASED DENSITY - 673080	<p>2/8/2018 - G58 - (I.O.) 34-8N-10E X671943 WDFD 3 WELLS TRINITY OPERATING (USG), LLC 2/2/2018</p>
MEMO	<p>2/6/2018 - 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</p>
PENDING CD - 201708459	<p>2/8/2018 - 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)</p>
PENDING CD - 201708460	<p>2/8/2018 - 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 1700' FEL COMPL. INT. (34-8N-10E) NCT 0' FNL, NCT 165' FSL, NCT 1700' FEL NO OP. NAMED REC 1/8/2018 (DUNN)</p>
SPACING - 671322	<p>2/8/2018 - 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)</p>
SPACING - 671943	<p>2/8/2018 - 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)</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:

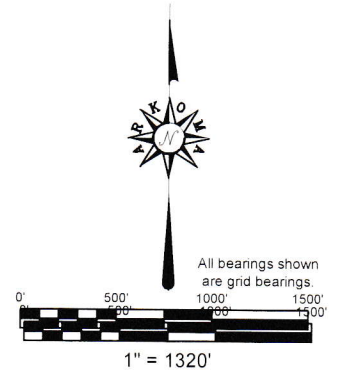
FIELD	PAD_NAME	WELLS	COUNTY	PERMIT APPROVED	DATE PERMIT EXPIRES (AFTER 6 MNTHS)	API #	SPUD_DATE
WEST RELAY	Dora East	Dora 2-21/28H	HUGHES	8/28/2018	2/28/2019	3506324845	9/8/2018
WEST RELAY	Dora East	Dora 3-21/28H	HUGHES	8/28/2018	2/28/2019	3506324844	9/10/2018
WEST RELAY	CARLA	CARLA 1-11/14H	HUGHES	12/8/2017	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 2-27/34H
Footage: 448' FNL - 1741' FEL Gr. Elevation: 792' 063-24765
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.

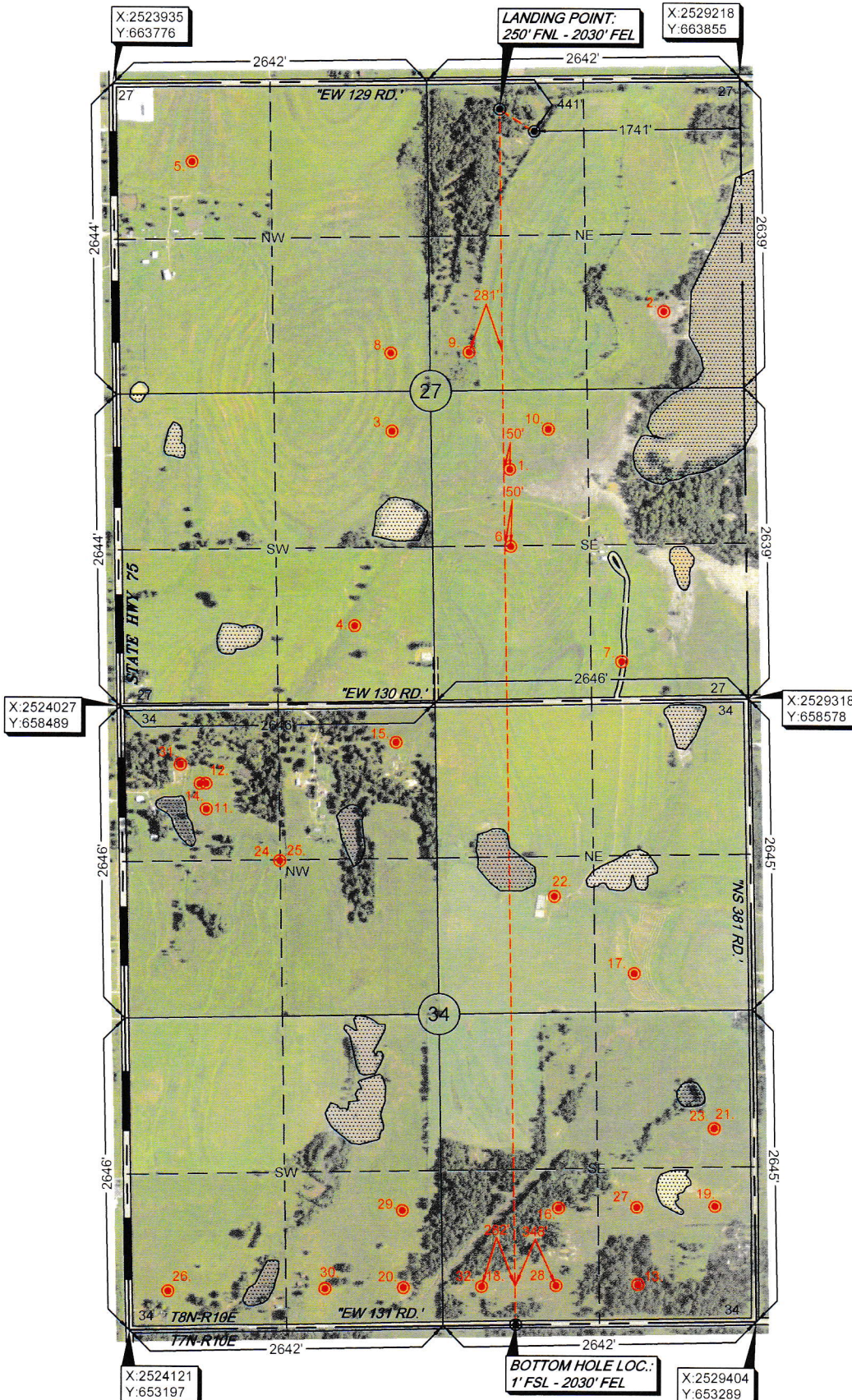


GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°08'36.82"N
Lon: 96°14'08.24"W
X: 2527486
Y: 663388

Landing Point:
Lat: 35°08'38.72"N
Lon: 96°14'11.72"W
X: 2527193
Y: 663575

Bottom Hole Loc.:
Lat: 35°06'56.62"N
Lon: 96°14'11.71"W
X: 2527375
Y: 653255



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 inaccuracy 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.

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.

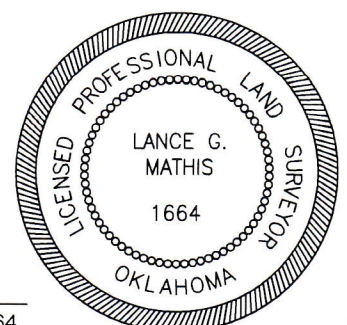
Certification:

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
LANCE G. MATHIS

12/08/17

OK LPLS 1664





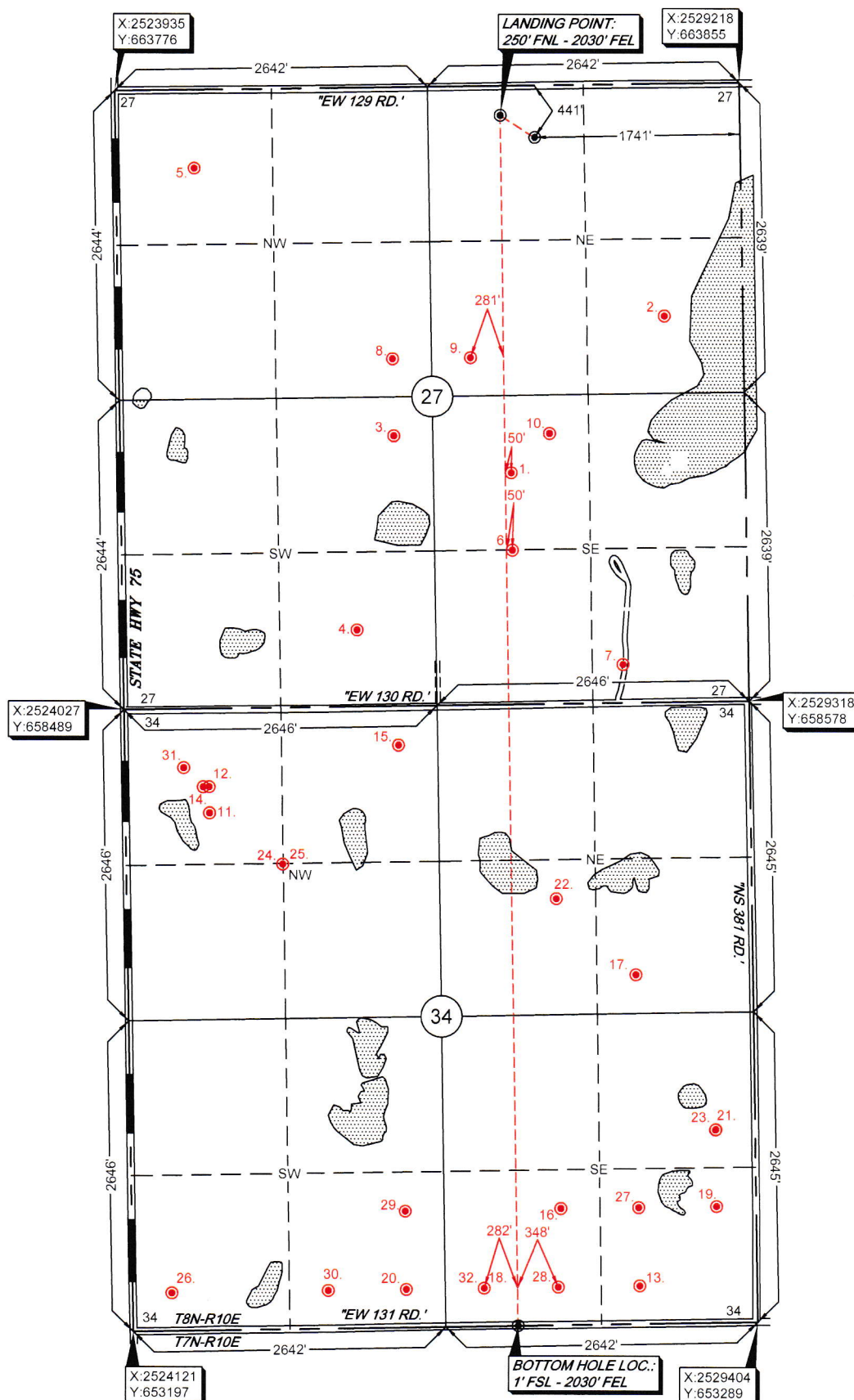
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Lat: 35°06'56.62"N
Lon: 96°14'11.71"W
X: 2527375
Y: 653255



7. Based on this information it was stated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. These contours and mapping provided if any, are for informational purposes only and are not to be relied upon. GPS, NOT E, X and Y data shown hereon for Station C only, was derived from NOT a true boundary survey. Station C is located on the boundary line. Quarter Section distances may be assumed from a true Boundary Survey. Assumed and proportionate distance from opposing section corners, or occupation thereof, may not have been measured on the ground, and further, does not represent a true boundary survey.

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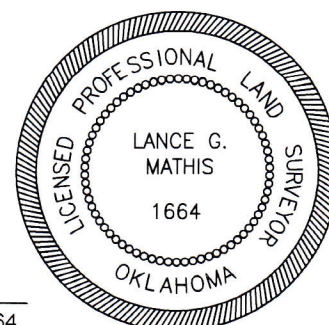
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Lance G Mathis
LANCE G MATHIS

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 2-27/34H
Footage: 441' FNL - 1741' FEL Gr. Elevation: 792'
Landing Point: 250' FNL - 2030' FEL
Sec. 27 Twp. 8N Rng. 10E I.M.
Bottom Hole Location: 1' FSL - 2030' FEL
Sec. 34 Twp. 8N Rng. 10E I.M.
County: Hughes State of Oklahoma

SECTION 27-8N -10E

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

SECTION 34-8N -10E

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

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Invoice #7506-C

Date Staked: 11/21/17 By: H.S.
Date Drawn: 12/01/17 By: K.B.

PLEASE NOTE

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



Topographic Vicinity Map

Operator: TRINITY OPERATING

Lease Name and No.: VIVIAN 2-27/34H

Surface Hole Location: 441' FNL - 1741' FEL

Landing Point: 250' FNL - 2030' FEL

Sec. 27 Twp. 8N Rng. 10E I.M.

Bottom Hole Location: 1' FSL - 2030' FEL

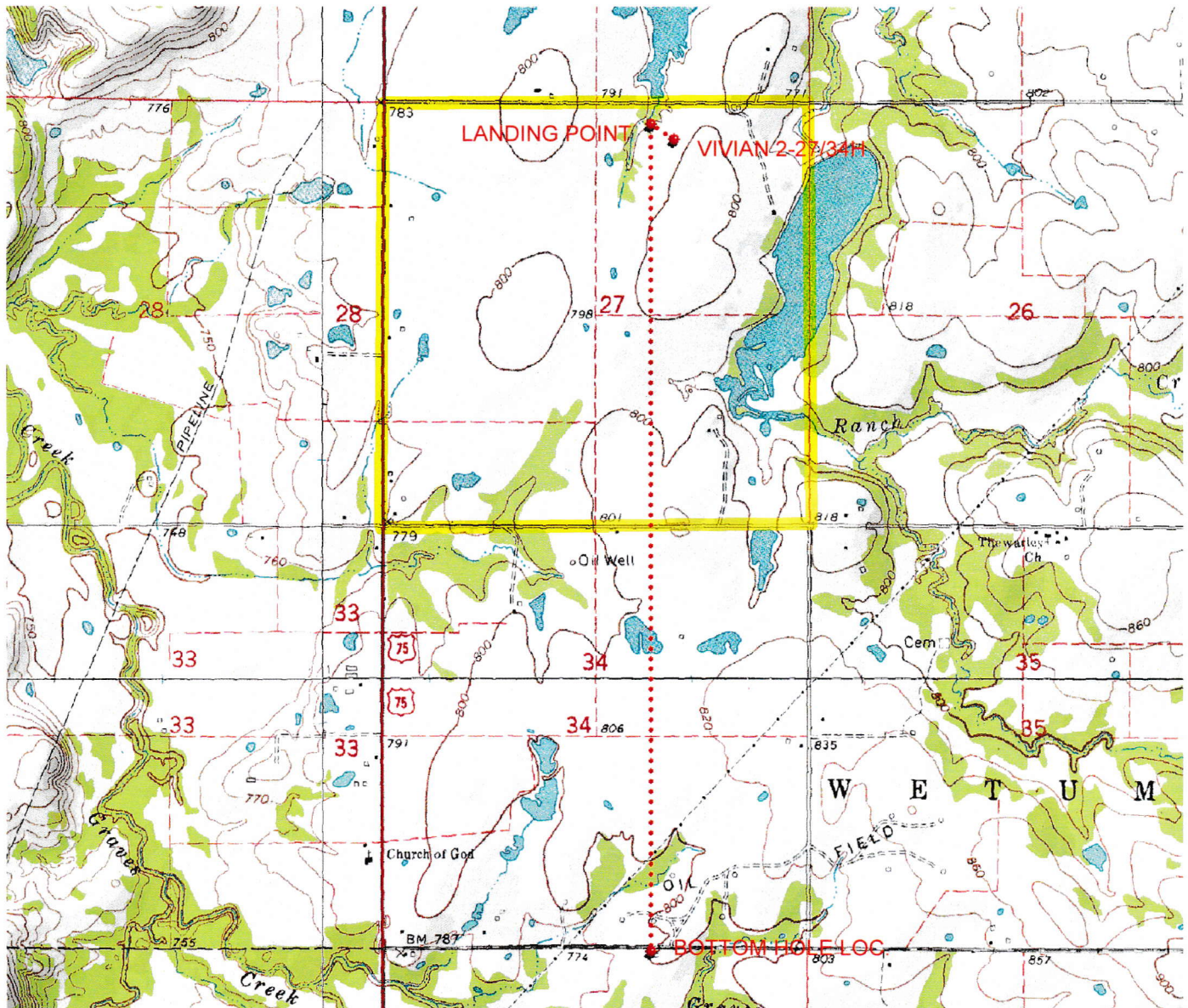
Sec. 34 Twp. 8N Rng. 10E I.M.

County: Hughes State of Oklahoma

Ground Elevation at Surface Hole Location: 792'



Scale 1" = 2000'
Contour Interval: 10'



Provided 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

Date Staked: 11/21/17

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



#7506-C

Operator: TRINITY OPERATING

Lease Name and No.: VIVIAN 2-27/34H

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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