

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

API NUMBER: 063 24899 A

Approval Date: 06/05/2019
Expiration Date: 12/05/2020

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: AMEND SHL

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 05 Twp: 7N Rge: 12E County: HUGHES
SPOT LOCATION: ☐ NE ☐ NW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 302 1989

Lease Name: MITZI Well No: 3-32/29H Well will be 302 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

KENNNETH S STARK & LORI A STARK
28 CEDAR STREET
KIEFER OK 74041

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

Name	Depth	Name	Depth
1 WOODFORD	4807	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 683439 Location Exception Orders: 683440 Increased Density Orders: 681375
671215 681376
674146

Pending CD Numbers:

Special Orders:

Total Depth: 15513 Ground Elevation: 774

Surface Casing: 1000

Depth to base of Treatable Water-Bearing FM: 160

Deep surface casing has been approved

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 BED AQUIFER

Pit Location Formation: SENORA

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 18 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: SENORA

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: SENORA

HORIZONTAL HOLE 1

Sec 29 Twp 8N Rge 12E County HUGHES

Spot Location of End Point: NW NE NW NE

Feet From: NORTH 1/4 Section Line: 1

Feet From: EAST 1/4 Section Line: 1930

Depth of Deviation: 4260

Radius of Turn: 484

Direction: 1

Total Length: 10493

Measured Total Depth: 15513

True Vertical Depth: 4807

End Point Location from Lease,

Unit, or Property Line: 1

Notes:

Category

Description

COMPLETION INTERVAL

6/5/2019 - GB1 - WILL BE GREATER THAN 165' FNL 29-8N-12E PER OPERATOR

DEEP SURFACE CASING

6/3/2019 - G71 - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING

This permit does not address the right of entry or settlement of surface damages.

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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 24899 MITZI 3-32/29H

HYDRAULIC FRACTURING

6/3/2019 - 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: OCCWEB.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 - 681375

6/5/2019 - GB1 - 29-8N-12E
X671215 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
8/13/2018

INCREASED DENSITY - 681376

6/5/2019 - GB1 - 32-8N-12E
X674146 WDFD
3 WELLS
TRINITY OPERATING (USG), LLC
8/13/2018

LOCATION EXCEPTION - 683440

6/5/2019 - GB1 - (I.O.) 32 & 29-8N-12E
X674146 WDFD 32-8N-12E
X671215 WDFD 29-8N-12E
COMPL. INT. (32-8N-12E) NCT 165' FSL, NCT 0' FNL, NCT 1000' FEL
COMPL. INT. (29-8N-12E) NCT 0' FSL, NCT 165' FNL, NCT 1000' FEL
TRINITY OPERATING (USG), LLC
9/21/2018

MEMO

6/3/2019 - 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

SPACING - 671215

6/5/2019 - GB1 - (640)(HOR) 29-8N-12E
EST WDFD, OTHERS
POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL

SPACING - 674146

6/5/2019 - GB1 - (640)(HOR) 32-8N-12E
EXT 615119 WDFD, OTHER
EXT OTHER
POE TO BHL NLT 165' FNL & FSL, NLT 330' FEL & FWL

SPACING - 683439

6/5/2019 - GB1 - (I.O.) 32 & 29-8N-12E
EST MULTIUNIT HORIZONTAL WELL
X674146 WDFD 32-8N-12E
X671215 WDFD 29-8N-12E
50% 32-8N-12E
50% 29-8N-12E
TRINITY OPERATING (USG), LLC.
9/21/2018

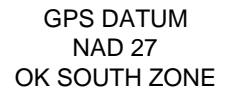
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Operator: TRINITY OPERATING
Lease Name and No.: MITZI 3-32/29H
Footage: 302' FNL - 1989' FEL Gr. Elevation: 774'
Section: 5 Township: 7N Range: 12E I.M.
County: Hughes State of Oklahoma
Terrain at Loc.: Location fell in timber, sloping on the West side.




Bottom Hole Loc.:
Lat: 35°08'42.04"N
Lon: 96°03'35.55"W
Lat: 35.14501174
Lon: -96.05987518
X: 2580011
Y: 664880

Please note that this location was stated on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Alabama 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 therefore, 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 thereon, and may not have been measured on-the-ground, and therefore, does not represent a true boundary survey.

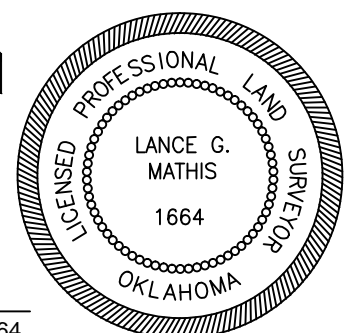
Survey and plat by:
Arkoma Surveying and Mapping, PLLC
P.O. Box 238 Wilburton, OK 74578
Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
Expires June 30, 2020
Invoice #8446-B
Date Staked: 01/19/19 By: D.W.
Date Drawn: 01/23/19 By: J.K.
Revised SHL: 06/07/19 By: M.K.

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

06/11/19
OK LPLS 1664





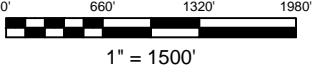
Well Location Plat

S.H.L. Sec. 5-7N-12E I.M.
B.H.L. Sec. 29-8N-12E I.M.

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All bearings shown
are grid bearings.



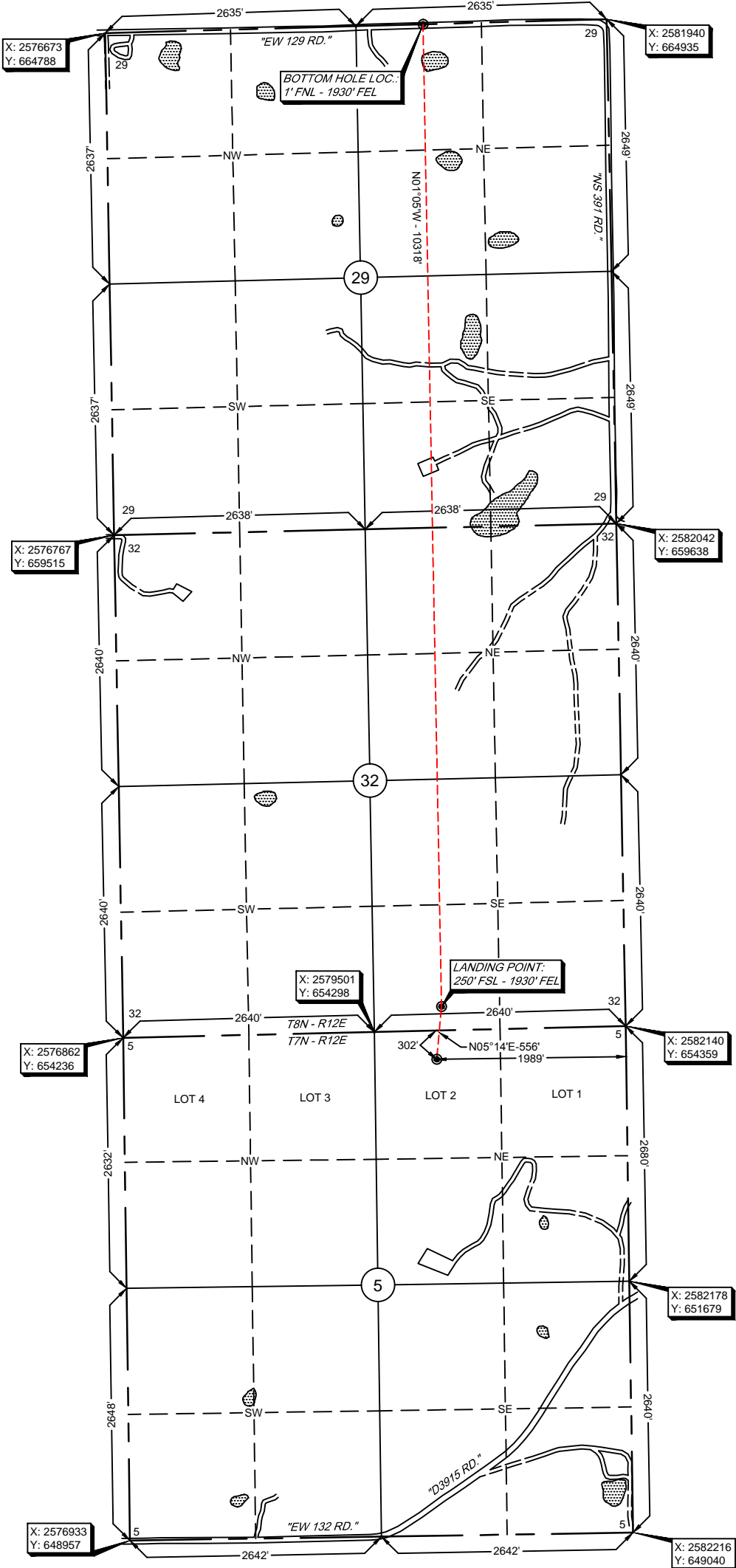
GPS DATUM
NAD 27
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 35°06'54.52"N
Lon: 96°03'36.33"W
Lat: 35.11514520
Lon: -96.06009204
X: 2580155
Y: 654011

Landing Point:
Lat: 35°06'59.99"N
Lon: 96°03'35.59"W
Lat: 35.11666347
Lon: -96.05988709
X: 2580206
Y: 654564

Bottom Hole Loc.:
Lat: 35°08'42.04"N
Lon: 96°03'35.55"W
Lat: 35.14501174
Lon: -96.05987518
X: 2580011
Y: 664880

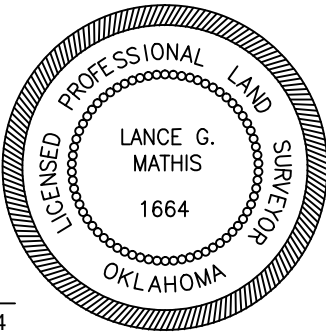
Please note that this location was staked on the ground under the supervision of a Licensed Professional Land Surveyor, but the accuracy of this survey is not guaranteed. Please contact Arkoma Surveying and Mapping promptly if any inconsistency is determined. GPS data is observed from RTK - GPS.
- NOTE: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



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Ph. 918-465-5711 Fax 918-465-5030
Certificate of Authorization No. 5348
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Date Staked: 01/19/19 By: D.W.
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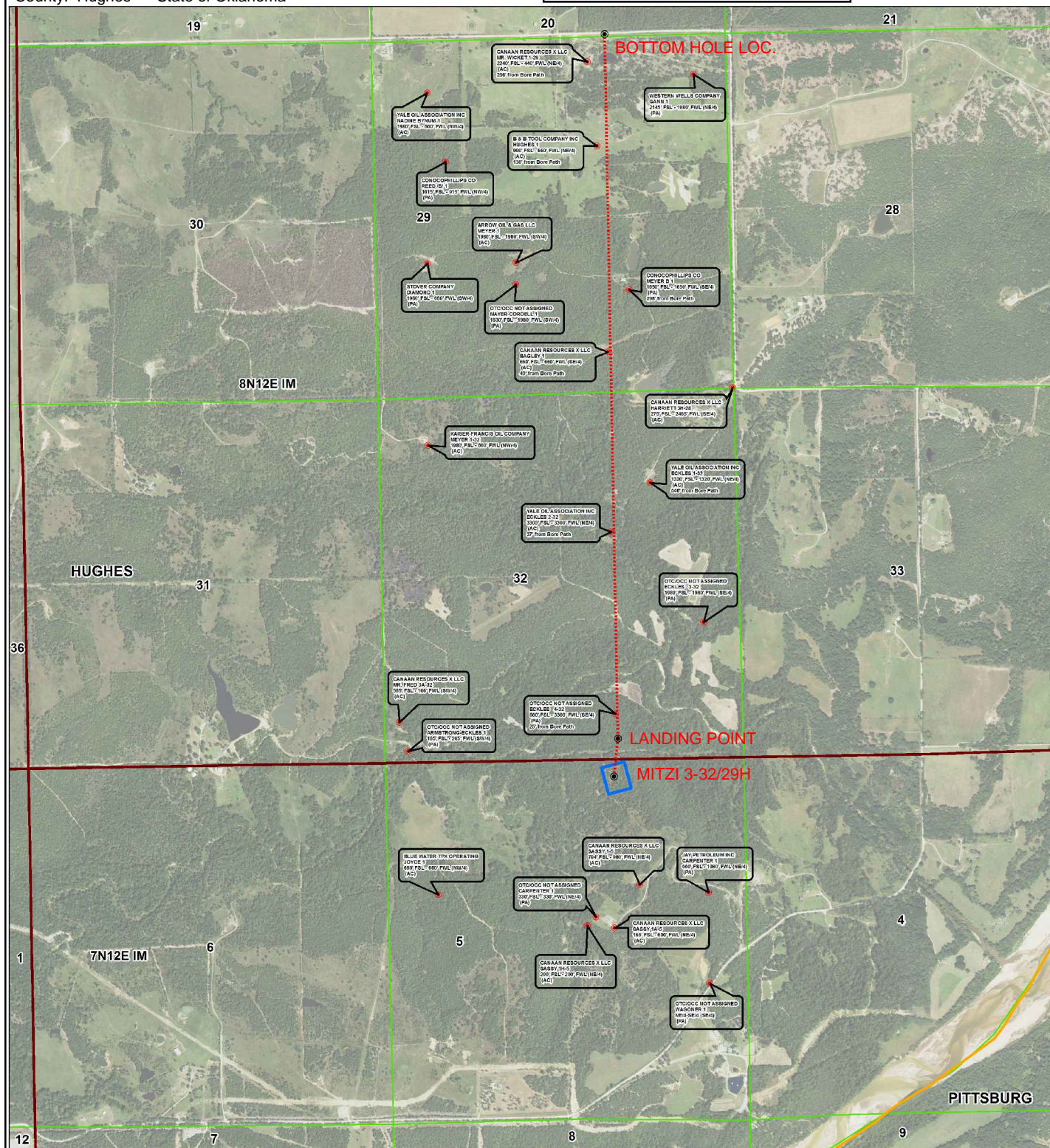




County: Hughes State of Oklahoma

● SHL, LP, & BHL  Counties
 ***** Bore Path  Township-Range
 Pad  Sections
 ● OCC Wells

0 1,000 2,000 Feet



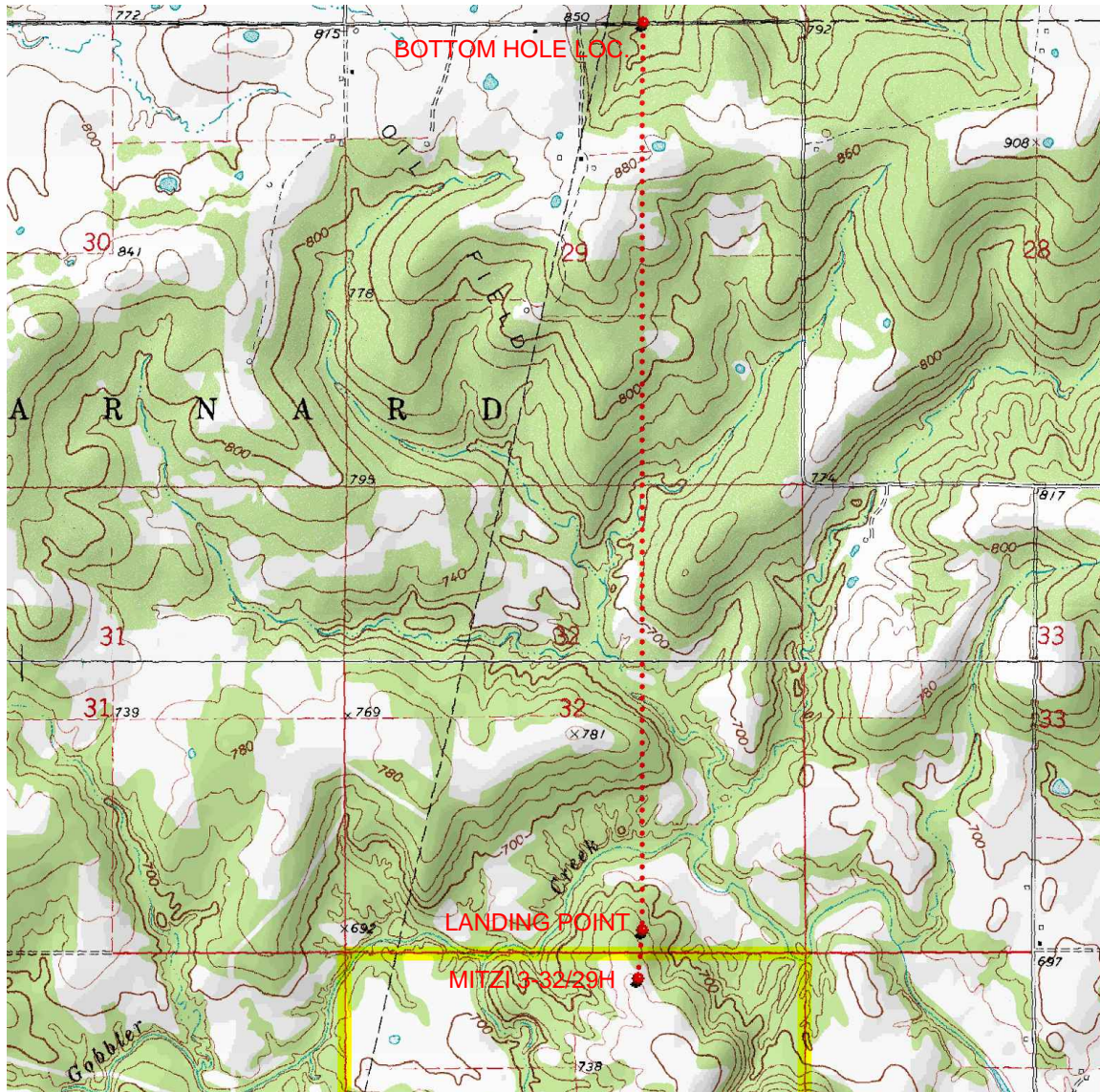


Topographic Vicinity Map

Operator: TRINITY OPERATING
Lease Name and No.: MITZI 3-32/29H
Surface Hole Location: 302' FNL - 1989' FEL
Sec. 5 Twp. 7N Rng. 12E I.M.
Landing Point: 250' FSL - 1930' FEL
Sec. 32 Twp. 8N Rng. 12E I.M.
Bottom Hole Location: 1' FNL - 1930' FEL
Sec. 29 Twp. 8N Rng. 12E I.M.
County: Hughes State of Oklahoma
Ground Elevation at Surface Hole Location: 774'



Scale 1" = 2000'
Contour Interval: 10'



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Expires June 30, 2020

Date Staked: 01/19/19

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.

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County Highway Vicinity Map



Job #: 8446-B

Operator: TRINITY OPERATING

Lease Name and No.: MITZI 3-32/29H

Accessibility: From the South.

Directions: From the junction of "Main St" & "Jefferson Ave" in the town of Lamar, OK, go 0.2 miles East on "Jefferson Ave", 0.1 miles North on "NS 387 RD.", 3.4 miles East on "EW 132 RD.", then go 0.8 miles Northeast on "D3915 RD." to the Southeast Quarter of Section 5-7N-12E on the North side of the road.

1 inch = 0.75 mile

provided by:
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