

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

API NUMBER: 121 24864 A

Approval Date: 10/07/2019
Expiration Date: 04/07/2021

Horizontal Hole Oil & Gas
Multi Unit

Amend reason: OCC CORRECTION: UPDATE SPACING

AMEND PERMIT TO DRILL

WELL LOCATION: Sec: 34 Twp: 8N Rge: 17E County: PITTSBURG
SPOT LOCATION: SW NW NW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 2275 325

Lease Name: IRENE Well No: 1-34/3H Well will be 325 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

DAVID PRYOR & SAMANTHA PRYOR
5676 LICK CREEK RD
QUINTON OK 74561

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	7400	6	
2	WOODFORD	7762	7	
3	HUNTON	7817	8	
4	SYLVAN	7827	9	
5			10	

Spacing Orders: No Spacing Location Exception Orders: Increased Density Orders: 699620

Pending CD Numbers: 201902329
201902330
201902331

Special Orders:

Total Depth: 16114 Ground Elevation: 689 Surface Casing: 150 Depth to base of Treatable Water-Bearing FM: 100

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: BOGGY

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 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: 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 not** located in a Hydrologically Sensitive Area.

Category of Pit: 2

Liner not required for Category: 2

Pit Location is NON HSA

Pit Location Formation: BOGGY

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 not** located in a Hydrologically Sensitive Area.

Category of Pit: 3

Liner required for Category: 3

Pit Location is NON HSA

Pit Location Formation: BOGGY

HORIZONTAL HOLE 1

Sec 03 Twp 7N Rge 17E County PITTSBURG

Spot Location of End Point: SW SE SW SW

Feet From: SOUTH 1/4 Section Line: 1

Feet From: WEST 1/4 Section Line: 830

Depth of Deviation: 8117

Radius of Turn: 335

Direction: 178

Total Length: 7471

Measured Total Depth: 16114

True Vertical Depth: 7827

End Point Location from Lease,
Unit, or Property Line: 1

Notes:

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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.

121 24864 IRENE 1-34/3H

Category	Description
HYDRAULIC FRACTURING	<p>9/26/2019 - GC2 - 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: OCCWEB.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 - 699620	<p>10/7/2019 - GB6 - 3-7N-17E X669477 WDFD 1 WELL TRINITY OPERATING (USG), LLC 7/24/2019</p>
MEMO	9/26/2019 - GC2 - PITS 2 & 3 - CONCRETE LINED PIT PER OPERATOR REQUEST, PIT 3 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201902194	<p>10/7/2019 - GB6 - (I.O.) (640)(HOR) 34-8N-17E EXT 685305 WDFD, SLVN EXT 676459 MSSP, HNTN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (SLVN) NCT 330' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER #99845 HNTN) REC. 10/01/2019 (JOHNSON)</p>
PENDING CD - 201902329	<p>10/7/2019 - GB6 - (I.O.) 34-8N-17E X201902194 WDFD 3 WELLS NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p>
PENDING CD - 201902330	<p>10/7/2019 - GB6 - (I.O.) 3-7N-17E & 34-8N-17E EST MULTIUNIT HORIZONTAL WELL X669477 MSSP, WDFD, HNTN, SLVN 3-7N-17E X201902194 MSSP, WDFD, HNTN, SLVN 34-8N-17E (MSSP, HNTN, SLVN ARE ADJACENT COMMON SOURCES OF SUPPLY TO WDFD. IN THIS AREA HNTN IS ERRATIC AND SLVN SHOULD BE CONSIDERED AN ADJACENT COMMON SOURCE OF SUPPLY TO WDFD.) 33.3% 34-8N-17E 66.7% 3-7N-17E NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p>
PENDING CD - 201902331	<p>10/7/2019 - GB6 - (I.O.) 3-7N-17E & 34-8N-17E X669477 MSSP, WDFD, HNTN, SLVN X201902194 MSSP, WDFD, HNTN, SLVN COMPL. INT. (34-8N-17E) NCT 2640' FNL, NCT 0' FSL, NCT 380' FWL COMPL. INT. (3-7N-17E) NCT 0' FNL, NCT 165' FSL, NCT 380' FWL NO OP. NAMED REC. 10/01/2019 (JOHNSON)</p>
SPACING - 669477	<p>10/7/2019 - GB6 - (640)(HOR) 3-7N-17E EST MSSP, WDFD, HNTN, SLVN COMPL. INT. (MSSP, HNTN) NCT 660' FB COMPL. INT. (SLVN) NCT 330' FB COMPL. INT. (WDFD) NCT 165' FSL, NCT 165' FNL, NCT 330' FEL, NCT 330' FWL (COEXIST SP. ORDER #99845 HNTN)</p>

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Well Location Plat

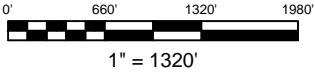
S.H.L. Sec. 34-8N-17E I.M.
B.H.L. Sec. 3-7N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: IRENE 1-34/3H
Footage: 2275' FSL - 325' FWL Gr. Elevation: 689'
Section: 34 Township: 8N Range: 17E I.M.
County: Pittsburg State of Oklahoma
Terrain at Loc.: Location fell in timber and slopes down to the East.

35-121-24864



All bearings shown
are grid bearings.



GPS DATUM
NAD 27
OK SOUTH ZONE

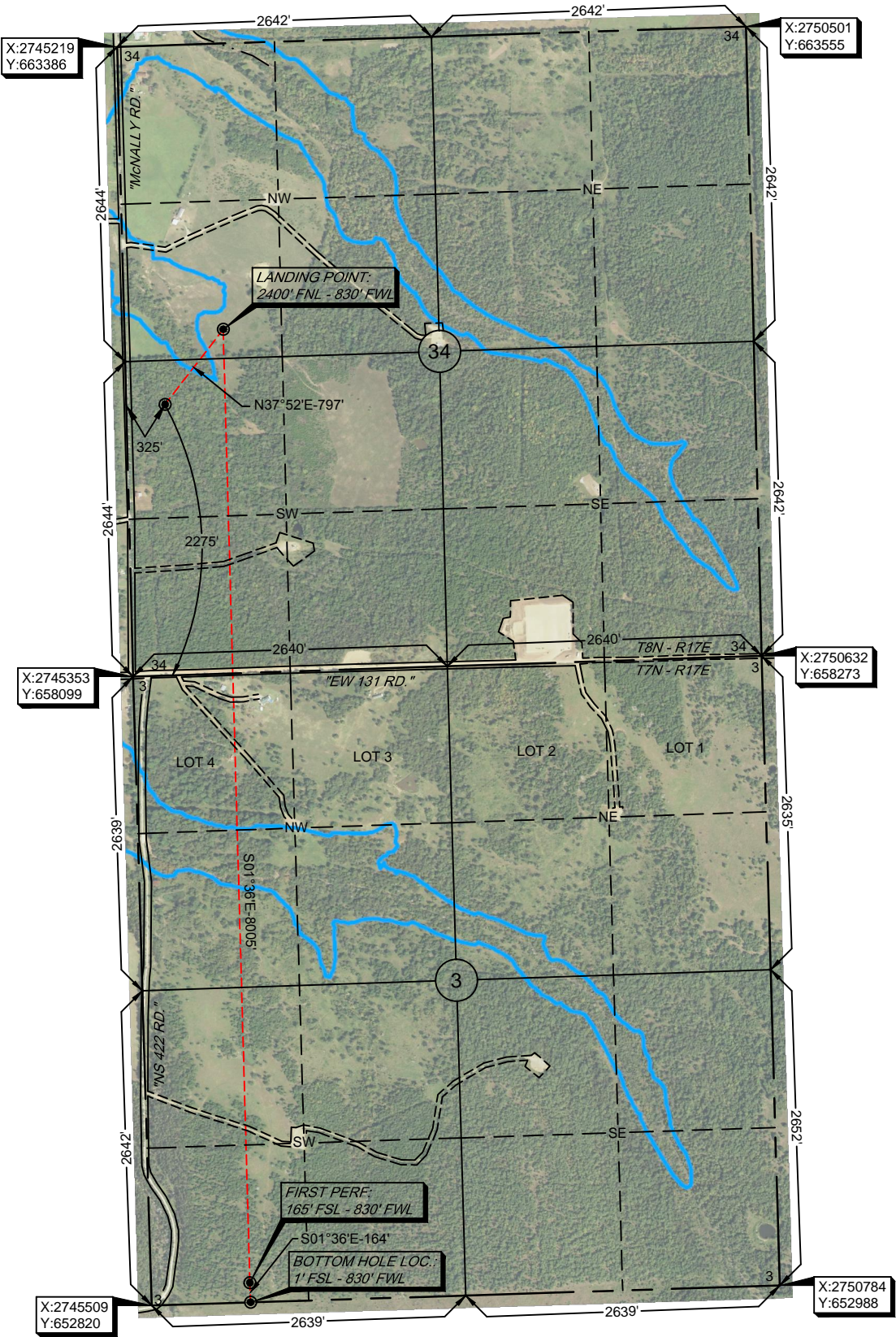
Surface Hole Loc.:
Lat: 35°07'21.61"N
Lon: 95°30'23.48"W
Lat: 35.1226909
Lon: -95.50652117
X: 2745610
Y: 660384

Landing Point:
Lat: 35°07'27.71"N
Lon: 95°30'17.28"W
Lat: 35.12436435
Lon: -95.50480060
X: 2746110
Y: 661013

First Perf:
Lat: 35°06'08.53"N
Lon: 95°30'16.96"W
Lat: 35.10237054
Lon: -95.50471195
X: 2746334
Y: 653011

Bottom Hole Loc.:
Lat: 35°06'06.91"N
Lon: 95°30'16.96"W
Lat: 35.10191995
Lon: -95.50471014
X: 2746339
Y: 652847

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, 2020

Invoice #8114-C
Date Staked: 08/28/18 By: H.S.
Date Drawn: 08/31/18 By: C.K.
SHL Rev.: 03/28/19 By: M.K.
SHL Rev.: 09/24/19 By: J.C.

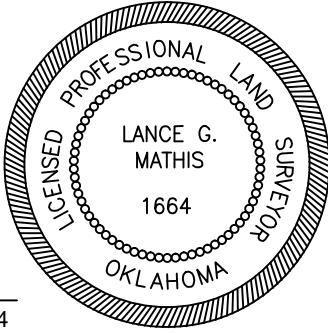
Certification:

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

09/26/19

OK LPLS 1664





Well Location Plat

S.H.L. Sec. 34-8N-17E I.M.
B.H.L. Sec. 3-7N-17E I.M.

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County: Pittsburg State of Oklahoma
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0' 660' 1320' 1980'
1" = 1320'

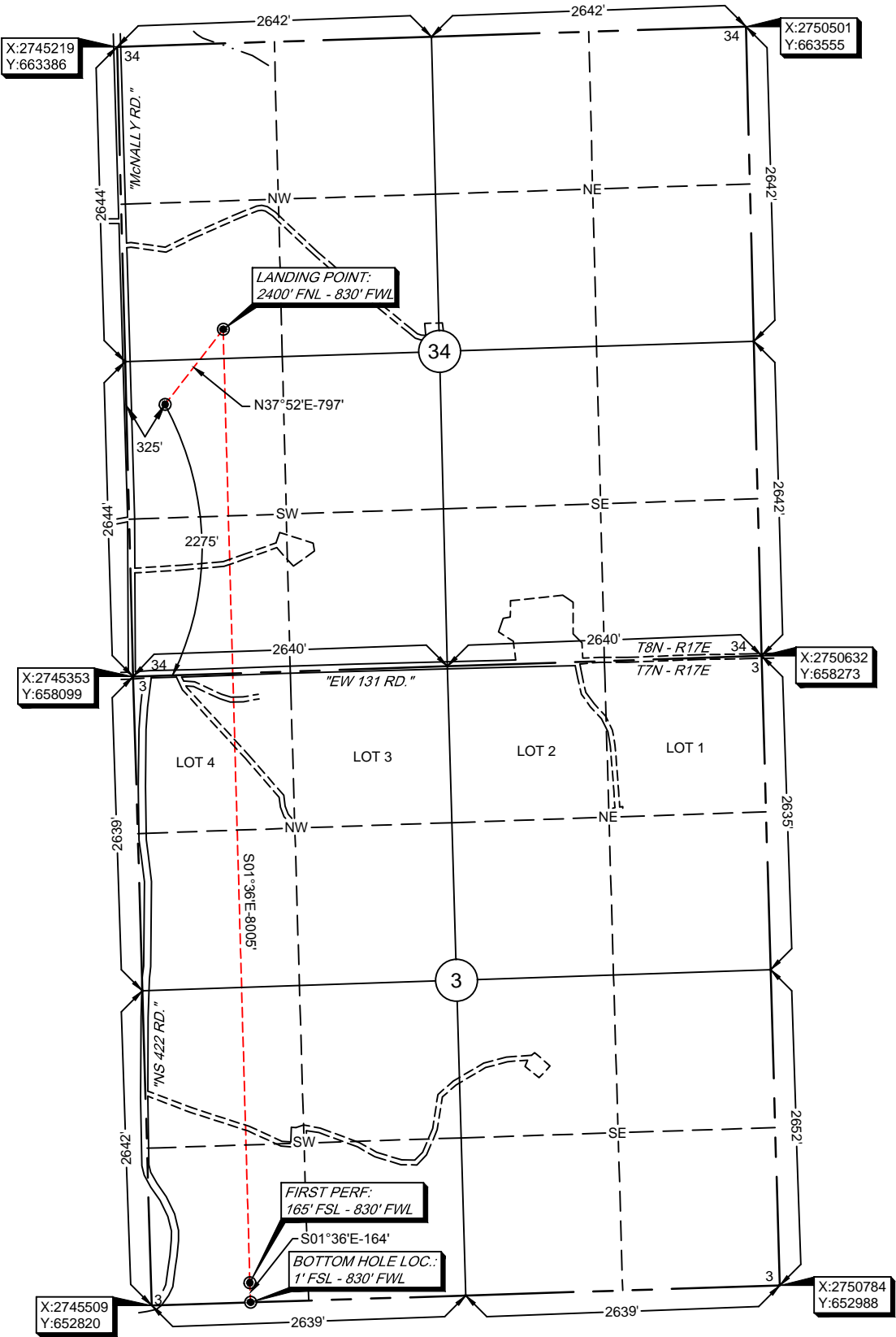
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NAD 27
OK SOUTH ZONE

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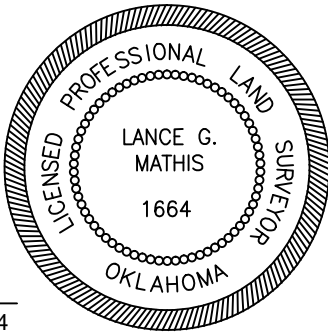


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LANCE G. MATHIS 09/26/19
OK LPLS 1664

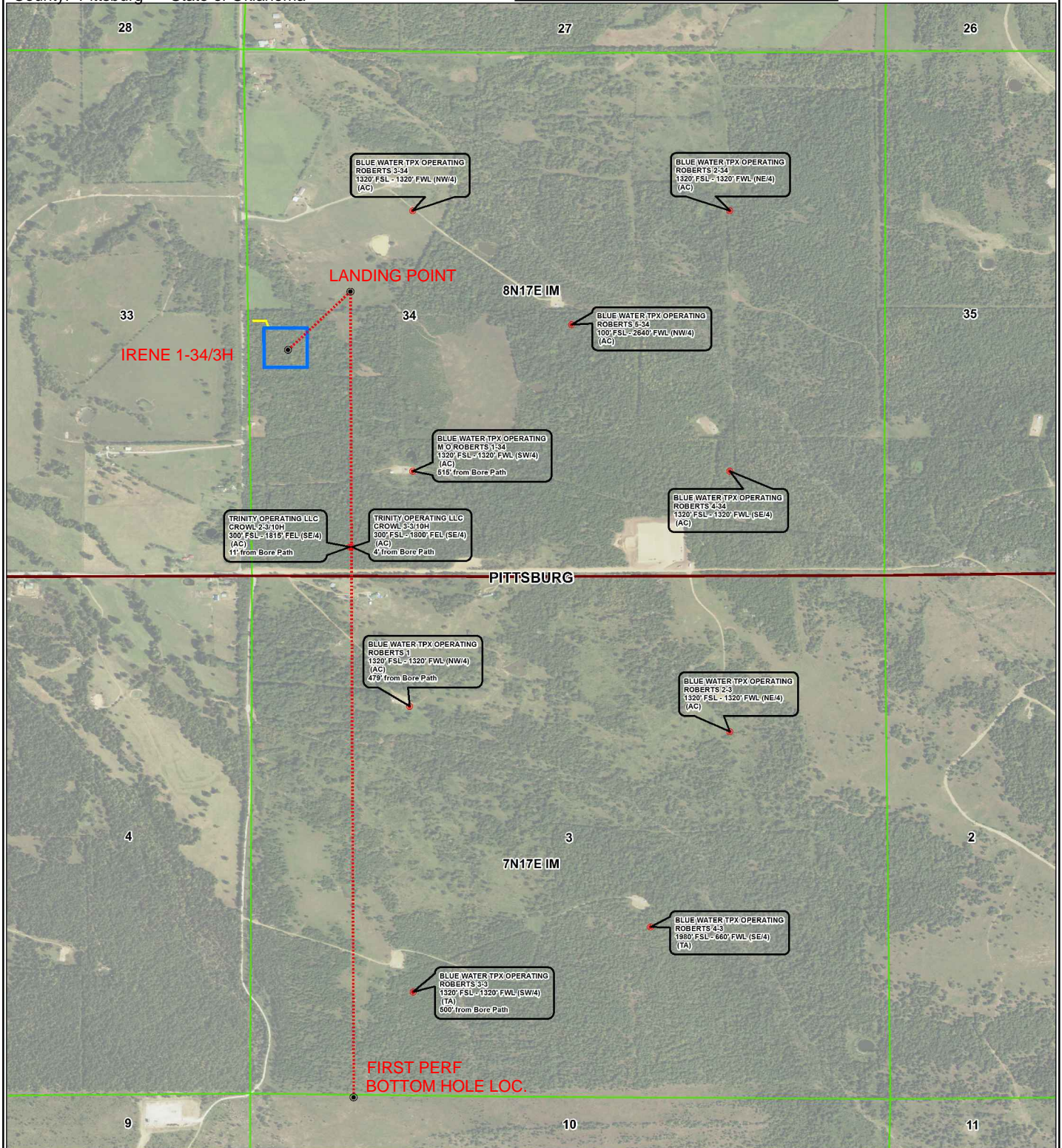




TRINITY OPERATING Anti-Collision

Sec. 34-8N-17E I.M.

Operator: TRINITY OPERATING
Lease Name and No.: IRENE 1-34/3H
Footage: 2275' FSL - 325' FWL Gr. Elevation: 689'
Landing Point: 2400' FNL - 830' FWL
Sec. 34 Twp. 8N Rng. 17E I.M.
First Perf: 165' FSL - 830' FWL
Bottom Hole Location: 1' FSL - 830' FWL
Sec. 3 Twp. 7N Rng. 17E I.M.
County: Pittsburg State of Oklahoma





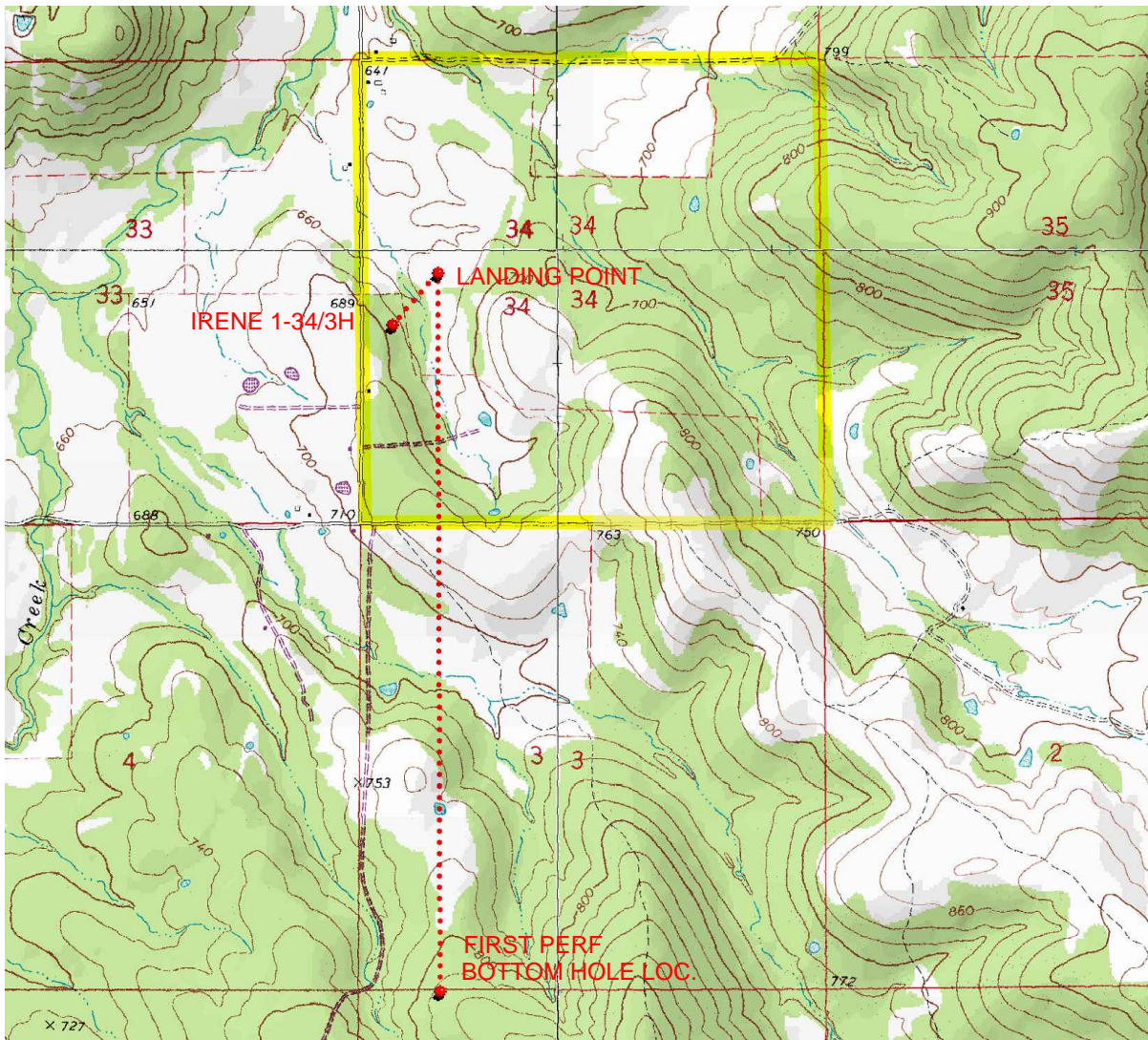
Topographic Vicinity Map

Operator: TRINITY OPERATING
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Surface Hole Location: 2275' FSL - 325' FWL
Landing Point: 2400' FNL - 830' FWL
Sec. 34 Twp. 8N Rng. 17E I.M.
First Perf: 165' FSL - 830' FWL
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Sec. 3 Twp. 7N Rng. 17E I.M.
County: Pittsburg State of Oklahoma



Scale 1" = 2000'
Contour Interval: 20'

Ground Elevation at Surface Hole Location: 689'



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, 2020

Date Staked: N/A

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 #: 8114-C

Operator: TRINITY OPERATING

Lease Name and No.: IRENE 1-34/3H

Accessibility: From the South.

Directions: From the junction of "Blocker Rd" & State HWY 31 in the town of Blocker, OK, go 1.8 miles North on State HWY 31, 1.5 miles North on "Lick Creek Rd", continue 3.9 miles Northeast on "McNally Rd" to the Southwest Quarter of Section 34-8N-17E on the East side of the road.

1 inch = 0.75 mile

provided by,
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