

API NUMBER: 063 24941

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

Approval Date: 01/18/2022

Expiration Date: 07/18/2023

Directional Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 03 Township: 5N Range: 9E County: HUGHES

SPOT LOCATION: ☐ NW ☐ NW ☐ SW ☐ SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 1050 135

Lease Name: PATRICK Well No: 1-3 Well will be 135 feet from nearest unit or lease boundary.

Operator Name: TILFORD PINSON EXPLORATION LLC Telephone: 4053487201 OTC/OCC Number: 19944 0

TILFORD PINSON EXPLORATION LLC
841 S KELLY AVE STE 130
EDMOND, OK 73003-5278

STEVEN L. RITTER AND PATRICIA ANN RITTER
4279 N. 379 RD
ATWOOD OK 74827

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

Name	Code	Depth
1 BOOCH	404BOCH	3000

Spacing Orders: 716954

Location Exception Orders: No Exceptions

Increased Density Orders: No Density

Pending CD Numbers: No Pending

Working interest owners' notified: ***

Special Orders: No Special

Total Depth: 3060 Ground Elevation: 841

Surface Casing: 550

Depth to base of Treatable Water-Bearing FM: 500

Under Federal Jurisdiction: No
Fresh Water Supply Well Drilled: No
Surface Water used to Drill: Yes

Approved Method for disposal of Drilling Fluids:

A. Evaporation/dewater and backfilling of reserve pit.

PIT 1 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: 1B
Liner required for Category: 1B
Pit Location is: NON HSA
Pit Location Formation: WEWOKA

DIRECTIONAL HOLE 1

Section: 3 Township: 5N Range: 9E Meridian: 1M

County: HUGHES

Measured Total Depth: 3060

Spot Location of End Point: nn C SW SW

True Vertical Depth: 3000

Feet From: SOUTH 1/4 Section Line: 660

End Point Location from

Feet From: WEST 1/4 Section Line: 660

Lease, Unit, or Property Line: 660

NOTES:

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.

Category	Description
COMPLETION INTERVAL	[1/18/2022 - G56] - WILL NOT BE CLOSER THAN 330' FB PER OPERATOR;
HYDRAULIC FRACTURING	<p>[1/13/2022 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE SUBJECT WELL. THE NOTICE TO SUCH OPERATORS SHALL CONTAIN THE INFORMATION IN FORM 6000NOO. IF THE HYDRAULIC FRACTURING OPERATIONS SCHEDULE CHANGES AFTER NOTICE HAS BEEN PROVIDED, RESULTING IN A DELAY OF OPERATIONS OF MORE THAN 5 DAYS FROM THE INITIAL NOTICE, NEW NOTICE IS REQUIRED TO BE GIVEN;</p> <p>2) NOTICE WILL BE GIVEN TO THE OCC CENTRAL OFFICE AND LOCAL DISTRICT OFFICES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS. FORM 6000NHF SHALL BE USED AND IS FOUND AT THIS LINK: OCCEWEB.COM/OG/OGFORMS.HTML; AND,</p> <p>3) THE CHEMICAL DISCLOSURE OF HYDRAULIC FRACTURING INGREDIENTS FOR ALL WELLS IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT FRACFOCUS.ORG</p>
SPACING - 716954	<p>[1/14/2022 - G56] - (40) S2 3 & NW4 10-5N-9E</p> <p>EST OTHERS</p> <p>EXT 197231 BOCH</p>

Well Location Plat

Sec. 3-5N-9E I.M.

Operator: TILFORD PINSON EXPLORATION, LLC

Lease Name and No.: PATRICK 1-3

Surface Hole Location: 1050' FSL - 135' FWL Gr. Elevation: 841'

NW/4-NW/4-SW/4-SW/4 Section: 3 Township: 5N Range: 9E I.M.

Bottom Hole Location: 660' FSL - 660' FWL

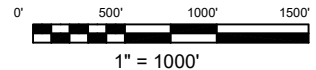
NW/4-SE/4-SW/4-SW/4 Section: 3 Township: 5N Range: 9E I.M.

County: Hughes State of Oklahoma

Terrain at Loc.: Location fell field, 112' E. of an existing R/W fence/aerial power line.



All bearings shown are grid bearings.



GPS DATUM

NAD 83

NAD 27

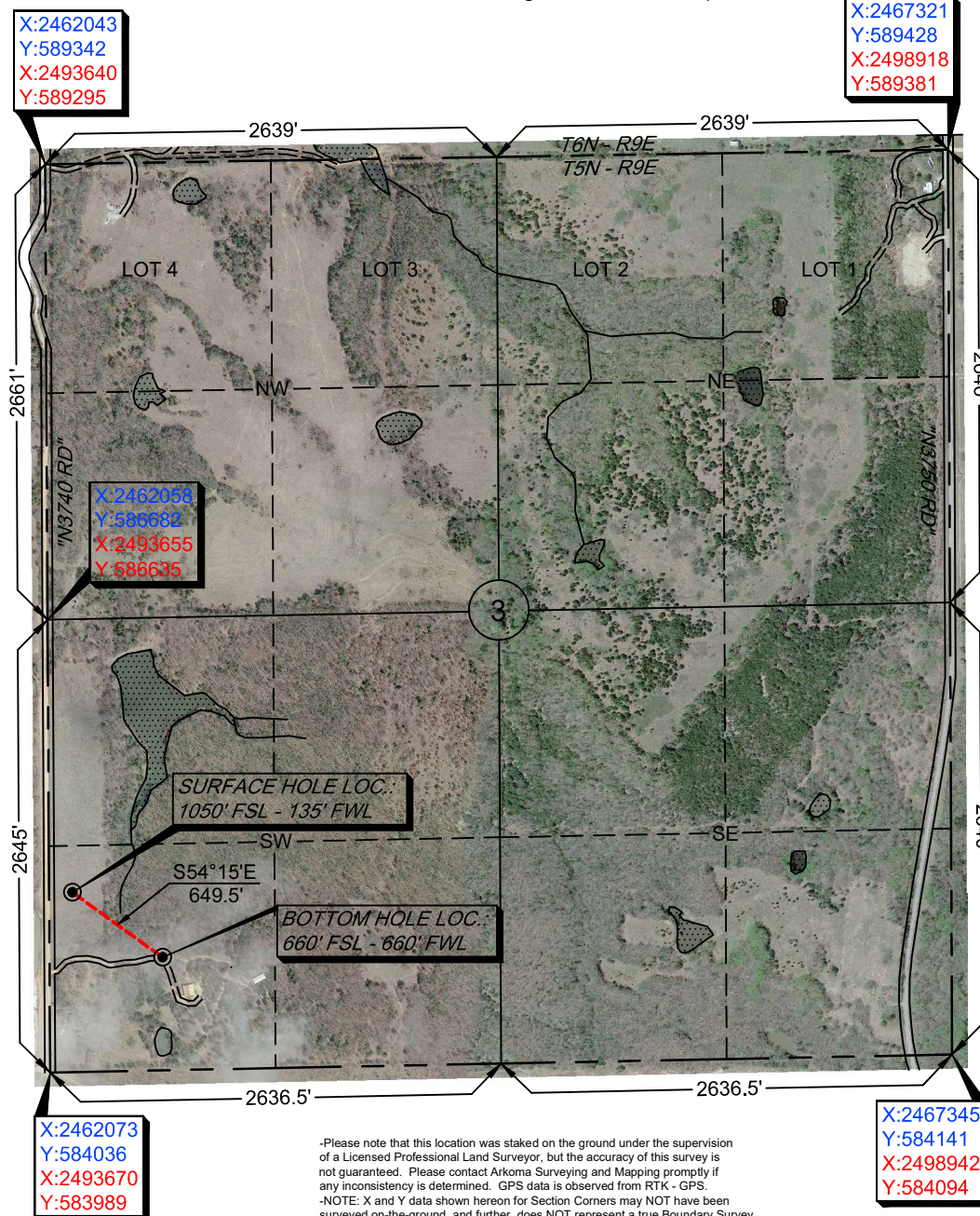
OK SOUTH ZONE

Surface Hole Loc.:
Lat: 34°55'47.93"N
Lon: 96°21'10.22"W
Lat: 34.92998106
Lon: -96.35284017
X: 2462202
Y: 585089

Surface Hole Loc.:
Lat: 34°55'47.62"N
Lon: 96°21'09.20"W
Lat: 34.92989327
Lon: -96.35255495
X: 2493799
Y: 585042

Bottom Hole Loc.:
Lat: 34°55'44.09"N
Lon: 96°21'03.97"W
Lat: 34.92891501
Lon: -96.35110247
X: 2462729
Y: 584709

Bottom Hole Loc.:
Lat: 34°55'43.78"N
Lon: 96°21'02.94"W
Lat: 34.92882716
Lon: -96.35081731
X: 2494326
Y: 584662



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, 2022

Invoice #9733-A

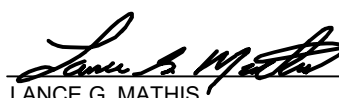
Date Staked: 12/28/2021 By: Z.D.

Date Drawn: 12/30/2021 By: J.L.

Add BHL: 01/13/2021 By: R.M.

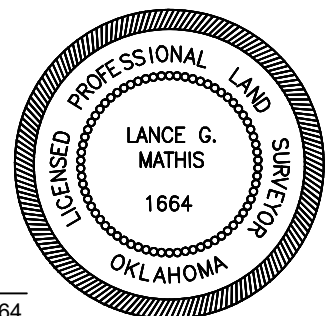
Certification:

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

01/13/2022

OK LPLS 1664



Well Location Plat

Sec. 3-5N-9E I.M.

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Lease Name and No.: PATRICK 1-3

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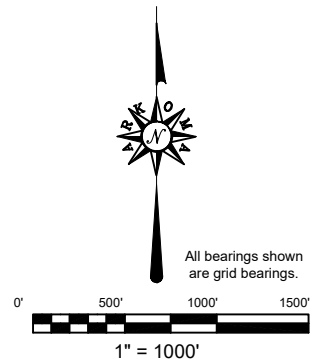
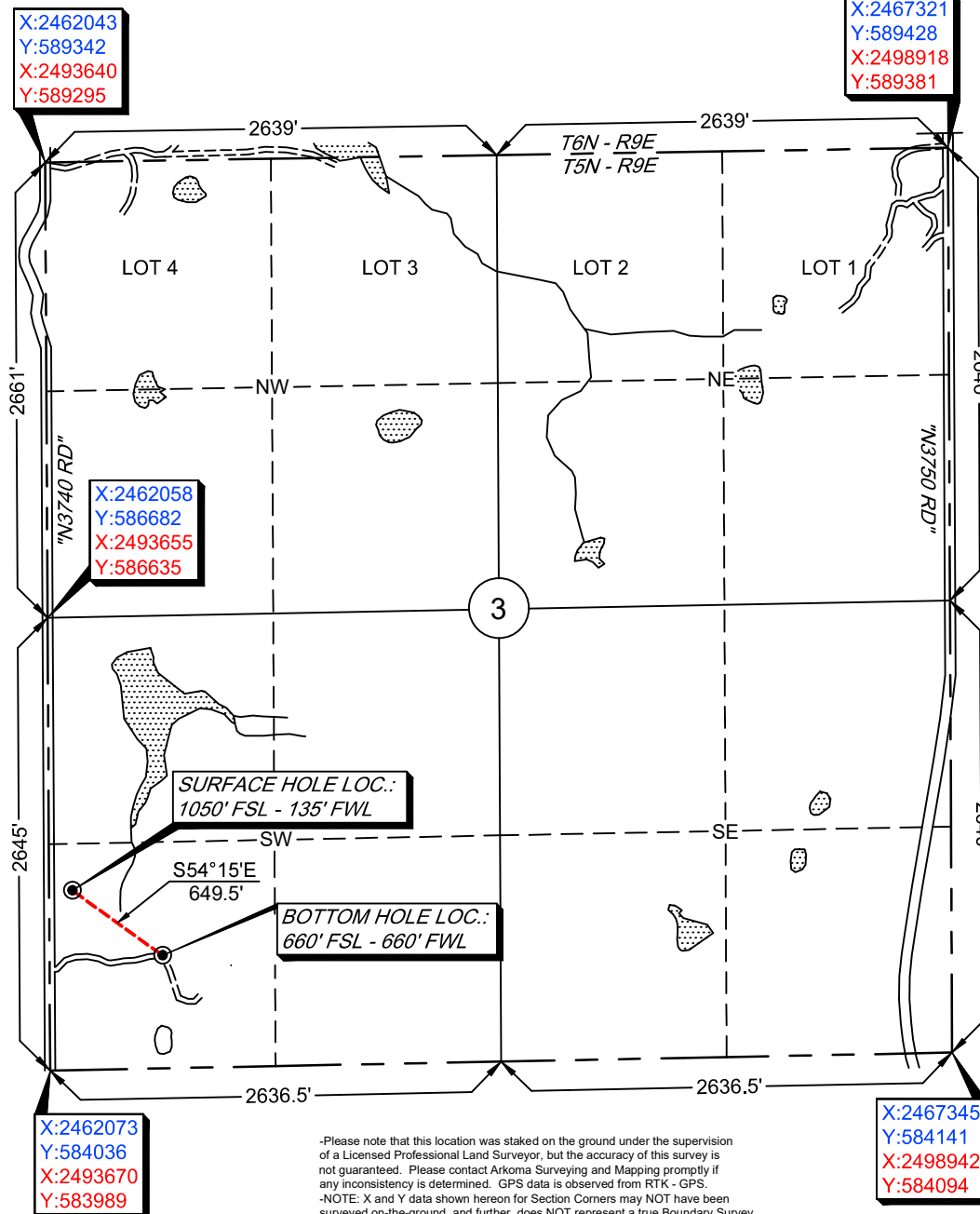
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County: Hughes State of Oklahoma

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NAD 27
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-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.

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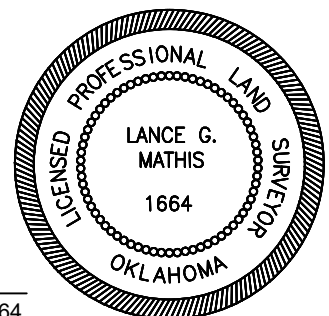
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Lance G. Mathis
LANCE G. MATHIS

01/13/2022

OK LPLS 1664



Topographic Vicinity Map

Operator: TILFORD PINSON EXPLORATION, LLC

Lease Name and No.: PATRICK 1-3

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Bottom Hole Location: 660' FSL - 660' FWL

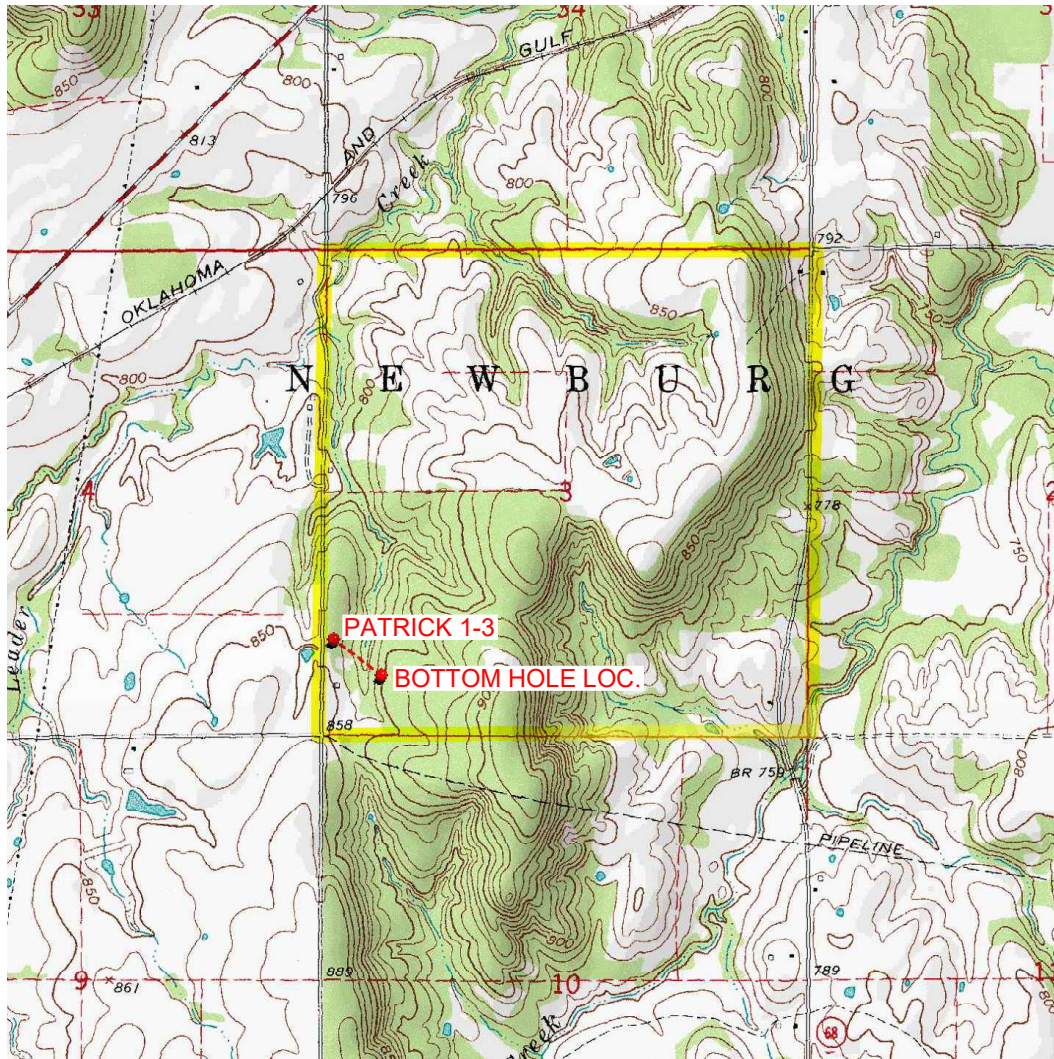
Sec. 3 Twp. 5N Rng. 9E I.M.

County: Hughes State of Oklahoma



Ground Elevation at Surface Hole Location: 841'

Scale 1" = 2000'
Contour Interval: 10'



Provided by:

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Date Staked: 11/22/2021

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 #: 9733-A

Operator: TILFORD PINSON EXPLORATION, LLC

Lease Name and No.: PATRICK 1-3

Accessibility: From the North.

Directions: From the junction of State Highway 1
and "N3740 Rd." in Atwood, OK, go 1.5 miles
South on "N3740 Rd." to the Southwest Corner
of Section 3-5N-9E.

1 inch = 0.25 mile

provided by:
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