

API NUMBER: 073 26535 B

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

Approval Date: 06/24/2021  
Expiration Date: 12/24/2022

Horizontal Hole Oil & Gas

**PERMIT TO RECOMPLETE**

WELL LOCATION: Section: 16 Township: 18N Range: 8W County: KINGFISHER

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST  
SECTION LINES: 245 1242

Lease Name: PHOENIX 1808 Well No: 16-1MH Well will be 245 feet from nearest unit or lease boundary.  
Operator Name: CHISHOLM OIL & GAS OPERATING LLC Telephone: 9184886400 OTC/OCC Number: 23991 0

CHISHOLM OIL & GAS OPERATING LLC  
1 W 3RD ST STE 1700  
TULSA, OK 74103-3522

BARRY BOLLENBACH  
PO BOX 901  
KINGFISHER OK 73750

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

	Name	Code	Depth
1	MISSISSIPPI LIME	351MSSLM	7777
2	WOODFORD	319WDFD	8277

Spacing Orders: 641116

Location Exception Orders: 692345

Increased Density Orders: No Density Orders

Pending CD Numbers: No Pending

Working interest owners' notified: \*\*\*

Special Orders: No Special Orders

Total Depth: 12848

Ground Elevation: 1072

Surface Casing: 498 IP

Depth to base of Treatable Water-Bearing FM: 220

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

Approved Method for disposal of Drilling Fluids:

**HORIZONTAL HOLE 1**

Section: 16 Township: 18N Range: 8W Meridian: IM Total Length: 4597  
County: KINGFISHER Measured Total Depth: 12848  
Spot Location of End Point: SW SE SW SE True Vertical Depth: 8500  
Feet From: SOUTH 1/4 Section Line: 100 End Point Location from  
Feet From: EAST 1/4 Section Line: 1964 Lease, Unit, or Property Line: 100

**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
HYDRAULIC FRACTURING	<p>[6/23/2021 - 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: <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 IS TO BE REPORTED TO FRACFOCUS WITHIN 60 DAYS AFTER THE CONCLUSION OF HYDRAULIC FRACTURING OPERATIONS, FOUND AT <a href="http://FRACFOCUS.ORG">FRACFOCUS.ORG</a></p>
LOCATION EXCEPTION - 692345	<p>6/24/2021 - G56 - (I.O.) 16-18N-8W  X641116 MSSLM, WDFD  COMPL INT NCT 150' FNL, NCT 150' FSL, NCT 330' FEL  GASTAR EXPLOR. INC. (BOUGHT IN ITS ENTIRETY BY CHISHOLM OIL &amp; GAS OPERATING LLC)  3/4/2019</p>
SPACING - 641116	<p>6/24/2021 - G56 - (640)(HOR) 16-18N-8W  EXT 624024 MSSLM, WDFD, OTHER  COMPL INT (MSSLM) NCT 660' FB  COMPL INT (WDFD) NCT 165' FNL OR FSL, NCT 330' FEL OR FWL  (COEXIST WITH SP # 81983 MSSP, OTHER)</p>

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073 26535 PHOENIX 1808 16-1MH



# Well Location Plat

Sec. 16-18N-8W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: PHOENIX 1808 16-1MH

Footage: 245' FNL - 1242' FEL Gr. Elevation: 1072'

NW/4-NE/4-NW/4-NE/4 Section: 16 Township: 18N Range: 8W I.M.

County: Kingfisher State of Oklahoma

Terrain at Loc.: Location fell on existing pad site.



All bearings shown  
are grid bearings.



1" = 1000'

GPS DATUM

NAD 83

NAD 27

UTM - ZONE 14

Surface Hole Loc.:

Lat: 36°02'34.76"N

Lon: 98°03'16.81"W

Lat: 36.04295141

Lon: -98.05432966

X:1919904

Y:13087000

Landing Point:

Lat: 36°02'35.64"N

Lon: 98°03'25.80"W

Lat: 36.04319588

Lon: -98.05682880

X:1919165

Y:13087081

Bottom Hole Loc.:

Lat: 36°01'46.45"N

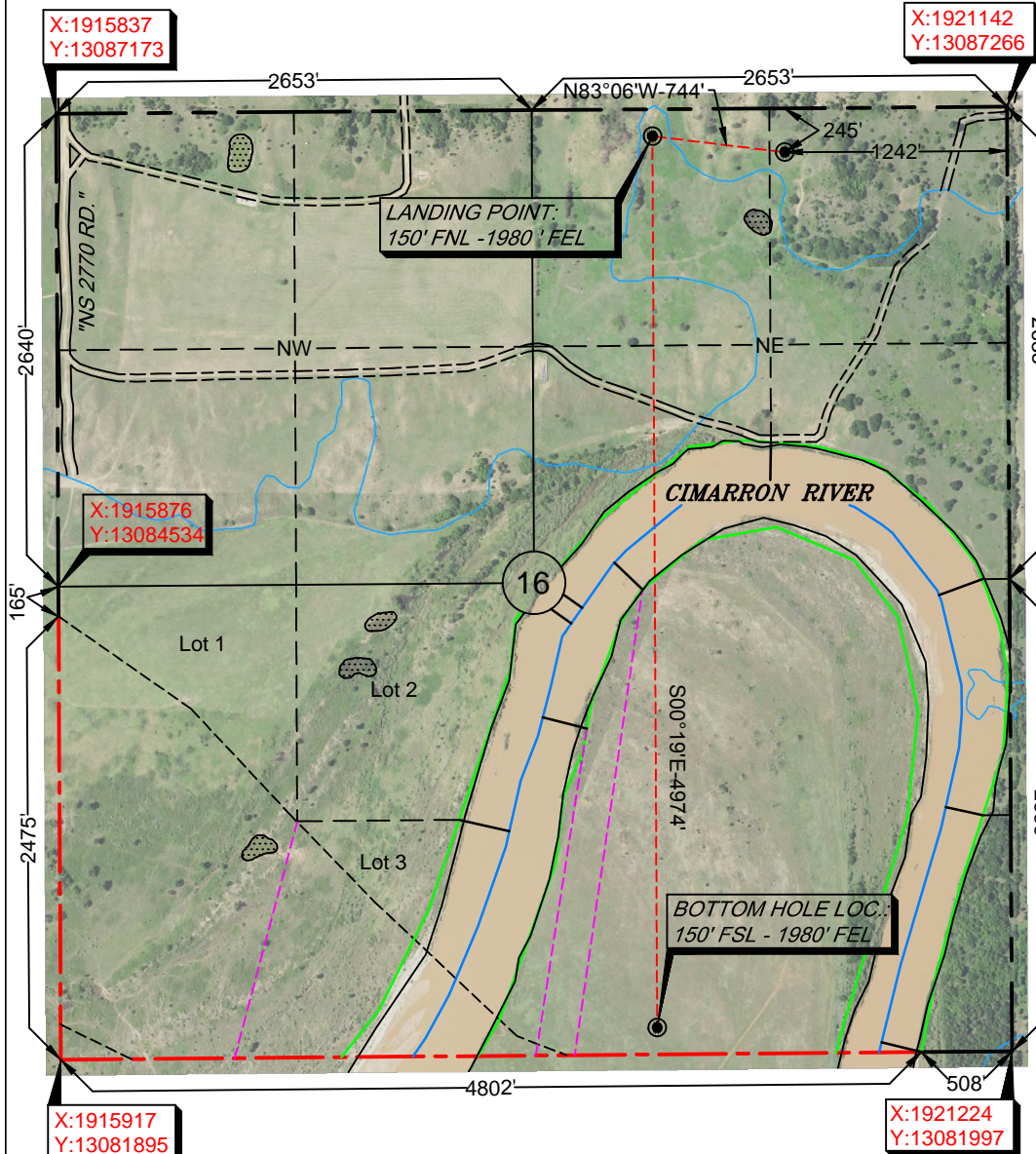
Lon: 98°03'25.44"W

Lat: 36.02953147

Lon: -98.05672837

X:1919243

Y:13082109



-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

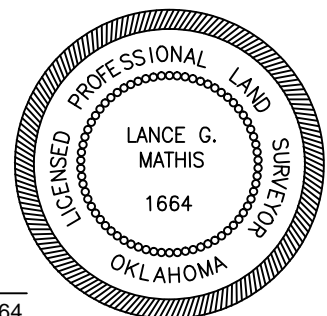
## Certification:

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

08/19/19

OK LPLS 1664



Invoice #8761-A

Date Staked: 08/14/19 By: B.A.

Date Drawn: 08/15/19 By: J.C.



# Well Location Plat

Sec. 16-18N-8W I.M.

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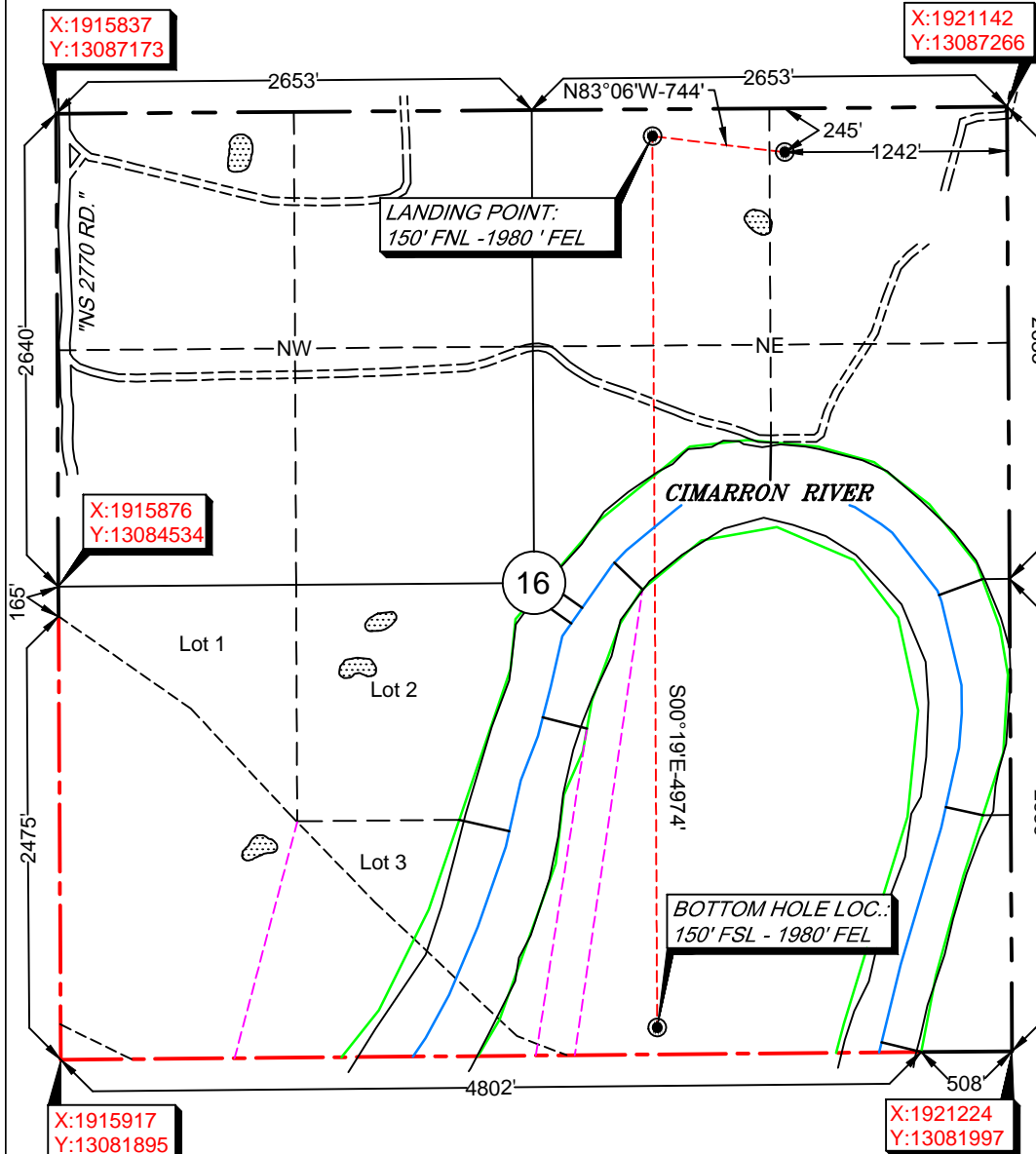
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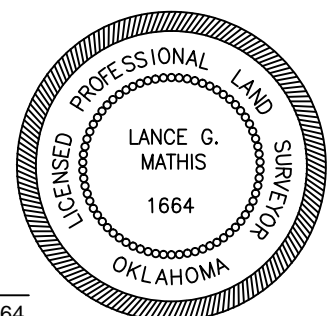
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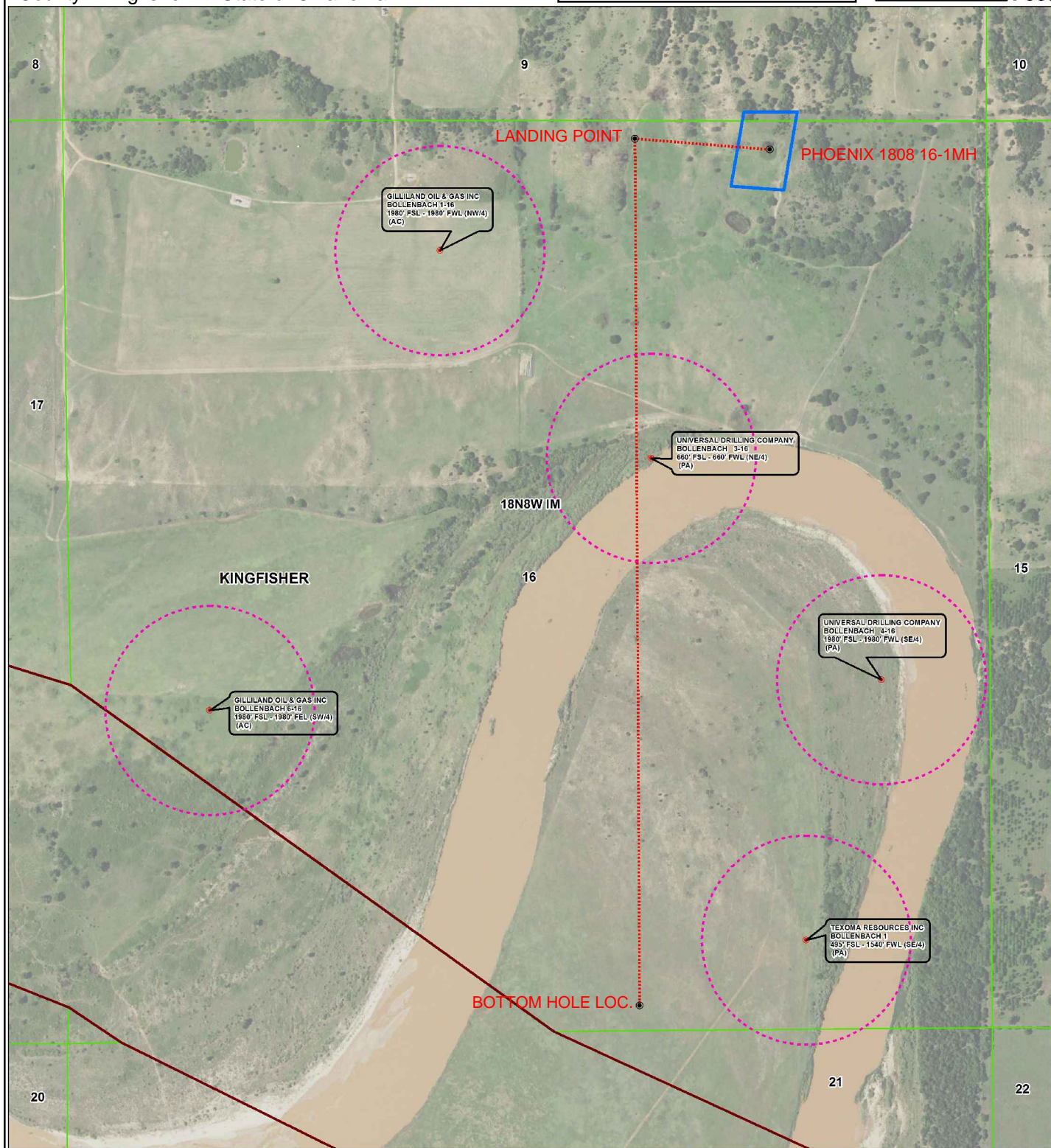
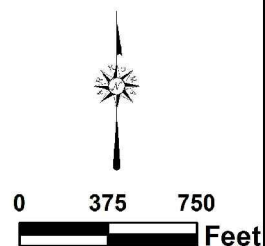




# Anti-Collision

Sec. 16-18N-8W I.M.

Operator: CHISHOLM OIL & GAS OPERATING, LLC  
Lease Name and No.: PHOENIX 1808 16-1MH  
Surface Hole Location: 245' FNL - 1242' FEL  
Landing Point: 150' FNL - 1980' FEL  
Bottom Hole Location: 150' FSL - 1980' FEL  
Sec. 16 Twp. 18N Rng. 8W I.M.  
County: Kingfisher State of Oklahoma







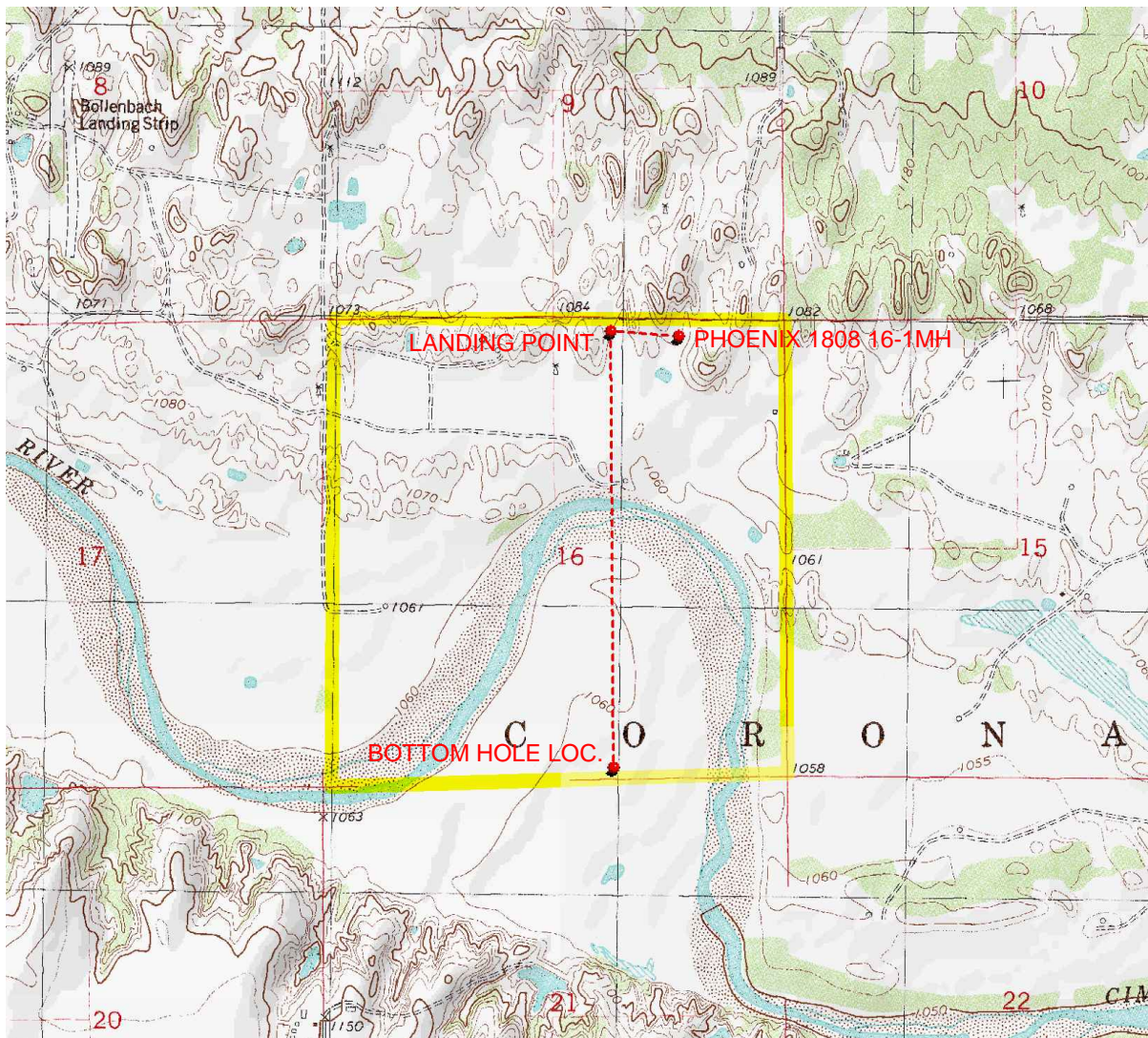
# Topographic Vicinity Map

Operator: CHISHOLM OIL & GAS OPERATING, LLC  
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Sec. 16 Twp. 18N Rng. 8W I.M.  
County: Kingfisher State of Oklahoma



Scale 1" = 2000'  
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1072'



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Expires June 30, 2020

Date Staked: 08/14/19

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.

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 #: 8761-A

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: PHOENIX 1808 16-1MH

Accessibility: From the North.

Directions: From the junction of US HWY 81 & State HWY 51 in the town of Hennessey, OK, go 8.5 miles West on State HWY 51, then go 4.9 miles South on "NS 278 RD." to the Northeast Quarter of Section 16-18N-8W on the South side of the road.

1 inch = 1.5 mile

provided by:  
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