

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

API NUMBER: 073 25883

Approval Date: 01/04/2018

Expiration Date: 07/04/2018

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 09 Twp: 19N Rge: 7W

County: KINGFISHER

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM WEST

SECTION LINES: 185 2385

Lease Name: PO CAMPO 19-07-09

Well No: 1H

Well will be 185 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
6100 S YALE AVE STE 1700
TULSA, OK 74136-1921

DEBORAH G. MILLAWAY, TRUSTEE
2115 SOUTH FLORENCE AVENUE
TULSA OK 74114

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN (EX CHESTER)	7285	6	
2	WOODFORD	7616	7	
3			8	
4			9	
5			10	

Spacing Orders: No Spacing

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201707672
201708078

Special Orders:

Total Depth: 12381

Ground Elevation: 1139

Surface Casing: 370

Depth to base of Treatable Water-Bearing FM: 320

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: No

PIT 1 INFORMATION

Approved Method for disposal of Drilling Fluids:

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 3500 Average: 1500

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

D. One time land application -- (REQUIRES PERMIT) PERMIT NO: 17-33654
H. CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST

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.

HORIZONTAL HOLE 1

Sec 09 Twp 19N Rge 7W County KINGFISHER

Spot Location of End Point: NE NE NE NW

Feet From: NORTH 1/4 Section Line: 175

Feet From: WEST 1/4 Section Line: 2385

Depth of Deviation: 6991

Radius of Turn: 521

Direction: 360

Total Length: 4572

Measured Total Depth: 12381

True Vertical Depth: 7616

End Point Location from Lease,

Unit, or Property Line: 175

Notes:

Category

Description

HYDRAULIC FRACTURING

12/20/2017 - 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: OCCEWEB.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

PENDING CD - 201707672

1/3/2018 - G58 - (640)(HOR) 9-19N-7W

EXT OTHER

EXT 663696 WDFD

EST MSNLC

COMPL. INT. (WDFD) NLT 165' FNL & FSL, NLT 330' FEL & FWL

COMPL. INT. (MSNLC) NLT 660' FB

(COEXIST SP. ORDER 63399 MSSSD; SP. ORDER 73575 MSSSD; SP. ORDER 72429 OTHER)

REC 12/4/2017 (MCKEOWN)

PENDING CD - 201708078

1/3/2018 - G58 - (I.O.) 9-19N-7W

X201707672 MSNLC, WDFD

COMPL. INT. NCT 150' FSL, NCT 150' FNL, NCT 330' FWL

NO OP. NAMED

REC 12/18/2017 (MCKEOWN)

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

073 25883 PO CAMPO 19-07-09 1H

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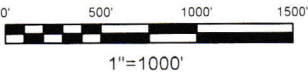
Well Location Plat

Operator: CHISHOLM OIL & GAS OPERATING, LLC
Lease Name and No.: PO CAMPO 19-07-09 1H
Footage: 185' FSL - 2385' FWL GR. ELEVATION: 1139'
Section: 9 Township: 19N Range: 7W I.M.
County: Kingfisher State of Oklahoma
Alternate Loc.: N/A
Terrain at Loc.: Location fell in open pature with small head of cattle.

073-25883



All bearings shown are grid bearings.



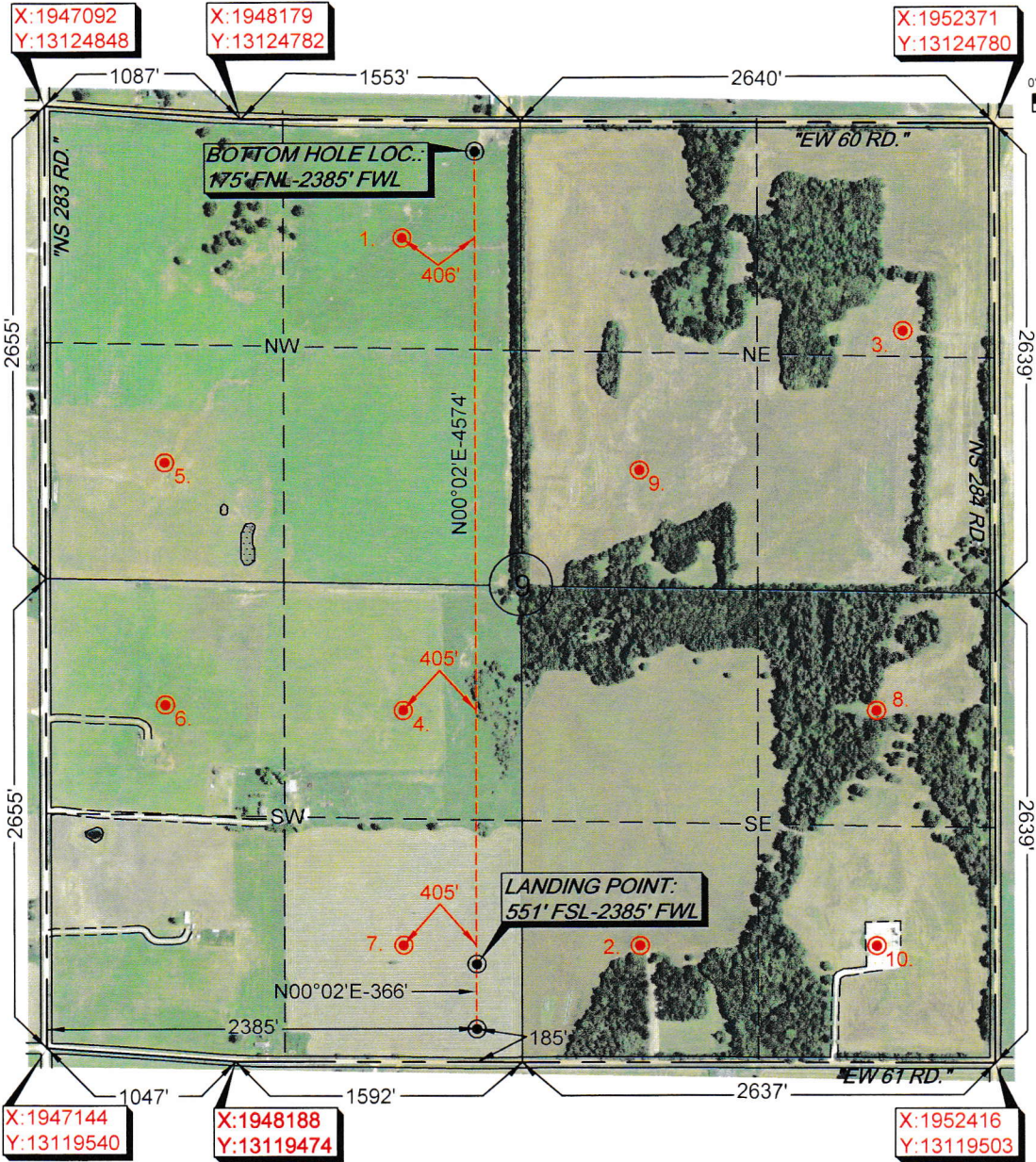
GPS DATUM
NAD 83
NAD 27
UTM - ZONE 14

Surface Hole Loc.:
Lat: 36°07'54.90"N
Lon: 97°57'11.73"W
Lat: 36.13188032
Lon: -97.95292344
X: 1949527
Y: 13119668

Landing Point.:
Lat: 36°07'58.52"N
Lon: 97°57'11.73"W
Lat: 36.13288575
Lon: -97.95292204
X: 1949523
Y: 13120034

Bottom Hole Loc.:
Lat: 36°08'43.75"N
Lon: 97°57'11.67"W
Lat: 36.14545004
Lon: -97.95290441
X: 1949479
Y: 13124606

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 thereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.



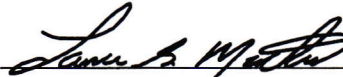
PLEASE NOTE
EXISTING WELL DATA SHOWN HEREON WAS
FURNISHED FROM THE OCC WEBSITE AND WAS NOT
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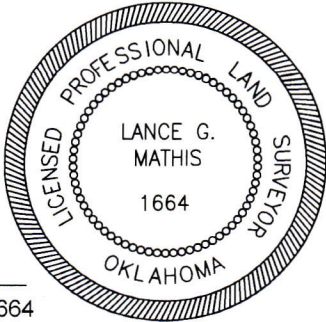
1. OTC/OCC NOT ASSIGNED HOLMES 9-1 660' FNL - 600' FEL (NW/4) OCC STATUS: PA	2. ARVINE PIPE & SUPPLY CO INC HAMIL 9-1 660' FSL - 660' FWL (SE/4) OCC STATUS: PA	3. BROWN JAMES & ASSOCIATES MOUSER 1 1470' FSL - 2130' FWL (NE/4) OCC STATUS: PA
4. OTC/OCC NOT ASSIGNED JONES 1 1980' FSL - 1980' FWL (SW/4) OCC STATUS: PA	5. MULLEN WILLIAM COMPANY MACK 1 660' FSL - 660' FWL (NW/4) OCC STATUS: PA	6. HENNESSEY OIL & GAS LLC JONES 2-9 1980' FSL - 660' FWL (SW/4) OCC STATUS: AC
7. OTC/OCC NOT ASSIGNED CAIN-B 1 660' FSL - 1980' FWL (SW/4) OCC STATUS: PA	8. OTC/OCC NOT ASSIGNED RODMAN 1 1980' FSL - 1980' FWL (SE/4) OCC STATUS: PA	9. PREMIER OPERATING COMPANY AETNA-GORTON 660' FSL - 660' FWL (NE/4) OCC STATUS: PA
10. BRG PETROLEUM LLC STATES 1-9 660' FSL - 1980' FWL (SE/4) OCC STATUS: AC		

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 #7240
Date Staked: 07/11/17 By: R.H.
Date Drawn: 07/18/17 By: C.K.
Rev. Lease Name: 08/08/17 By: R.S.
Added LP: 12/20/17 By: C.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.

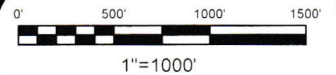

LANCE G. MATHIS 12/20/17
OK LPLS 1664



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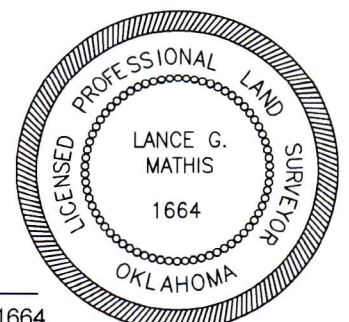
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Lance G. Mathis 12/20/17
LANCE G. MATHIS OK LPLS 1664





Topographic Vicinity Map

Operator: CHISHOLM OIL & GAS OPERATING, LLC

Lease Name and No.: PO CAMPO 19-07-09 1H

Surface Hole Location: 185' FSL - 2385' FWL

Landing Point: 551' FSL - 2385' FWL

Bottom Hole Location: 175' FNL - 2385' FWL

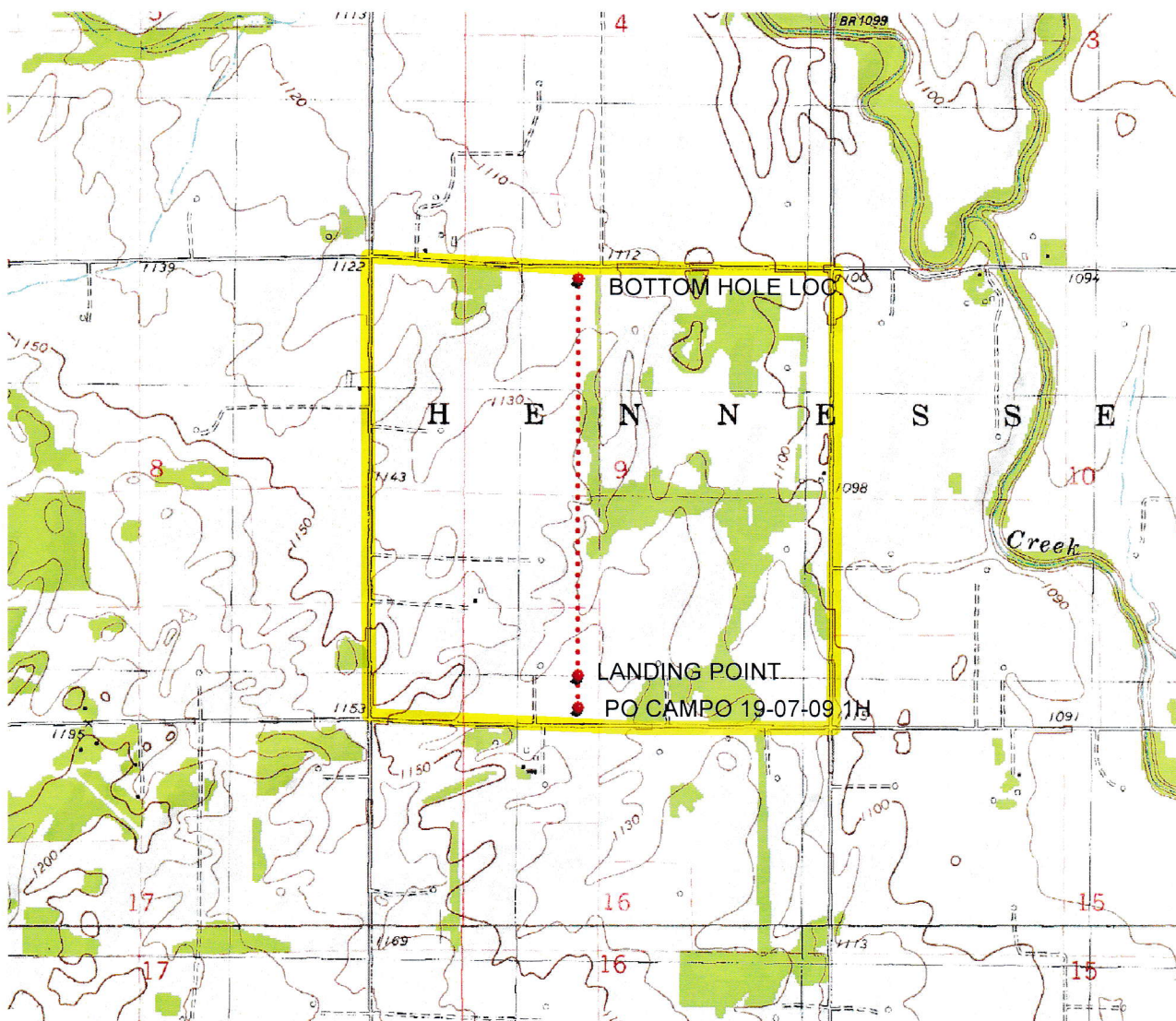
Sec. 9 Twp. 19N Rng. 7W I.M.

County: Kingfisher State of Oklahoma

Ground Elevation at Surface Hole Location: 1139'



Scale 1" = 2000'
Contour Interval: 10'



Provided by:

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Date Staked: 07/11/17

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.

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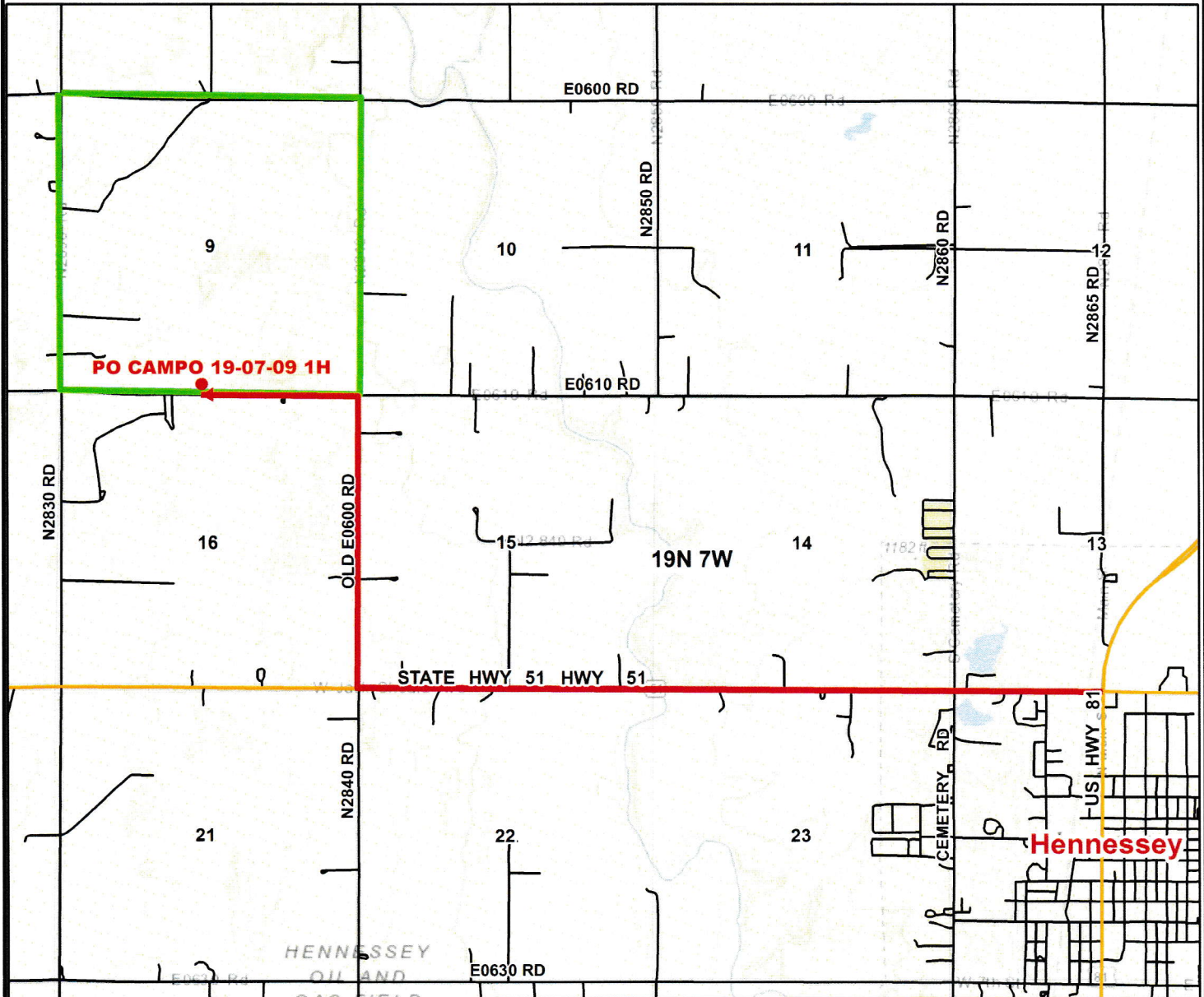


County Highway Vicinity Map

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Sec. 9 Twp. 19N Rng. 7W I.M.
County: Kingfisher State of Oklahoma
Ground Elevation at Surface Hole Location: 1139'



1 inch = 0.5 mile



Accessibility: From the South.

Directions: From the junction of State HWY 51 & US HWY 81 in the town of Hennessey, OK, go 2.5 miles West on State HWY 51, 1.0 mile North on "NS 284 RD.", then go 0.5 miles West on "EW 61 RD." to the Southwest Corner of Section 9-19N-7W.

provided by,

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