

API NUMBER: 087 22299

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

Approval Date: 10/30/2020  
Expiration Date: 04/30/2022

Multi Unit Oil & Gas

## PERMIT TO DRILL

WELL LOCATION: Section: 06 Township: 7N Range: 4W County: MCCLAIN

SPOT LOCATION: ☐ NW ☐ NW ☐ NE ☐ NW FEET FROM QUARTER: FROM NORTH FROM WEST  
SECTION LINES: 311 1439

Lease Name: BEGINNINGS 0804-31-30 Well No: 1WHX Well will be 311 feet from nearest unit or lease boundary.  
Operator Name: WARWICK-MINERVA LLC Telephone: 4056073400 OTC/OCC Number: 24267 0

WARWICK-MINERVA LLC  
6608 N WESTERN AVE BOX 417  
OKLAHOMA CITY, OK 73116-7326

BILL R & KARLA A BROOKS  
PO BOX 123  
BLANCHARD OK 73010

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

Name	Code	Depth
1 WOODFORD	319WDFD	10335

Spacing Orders: No Spacing

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202000235

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

Special Orders: No Special Orders

Total Depth: 22000

Ground Elevation: 1260

Surface Casing: 530

Depth to base of Treatable Water-Bearing FM: 470

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

Approved Method for disposal of Drilling Fluids:

D. One time land application -- (REQUIRES PERMIT)

PERMIT NO: 20-37433

H. (Other)

SEE MEMO

### PIT 1 INFORMATION

Type of Pit System: CLOSED Closed System Means Steel Pits

Type of Mud System: WATER BASED

Chlorides Max: 5000 Average: 3000

Is depth to top of ground water greater than 10ft below base of pit? Y

Within 1 mile of municipal water well? Y

Wellhead Protection Area? Y

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: DUNCAN

### PIT 2 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? Y

Wellhead Protection Area? Y

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: DUNCAN

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.

## MULTI UNIT HOLE 1

Section: 30	Township: 8N	Range: 4W	Meridian: IM	Total Length: 10349
County: MCCLAIN				Measured Total Depth: 22000
Spot Location of End Point: N2	N2	NW	NE	True Vertical Depth: 10335
Feet From: <b>NORTH</b>	1/4 Section Line: 50			End Point Location from
Feet From: <b>EAST</b>	1/4 Section Line: 1980			Lease, Unit, or Property Line: 50

## NOTES:

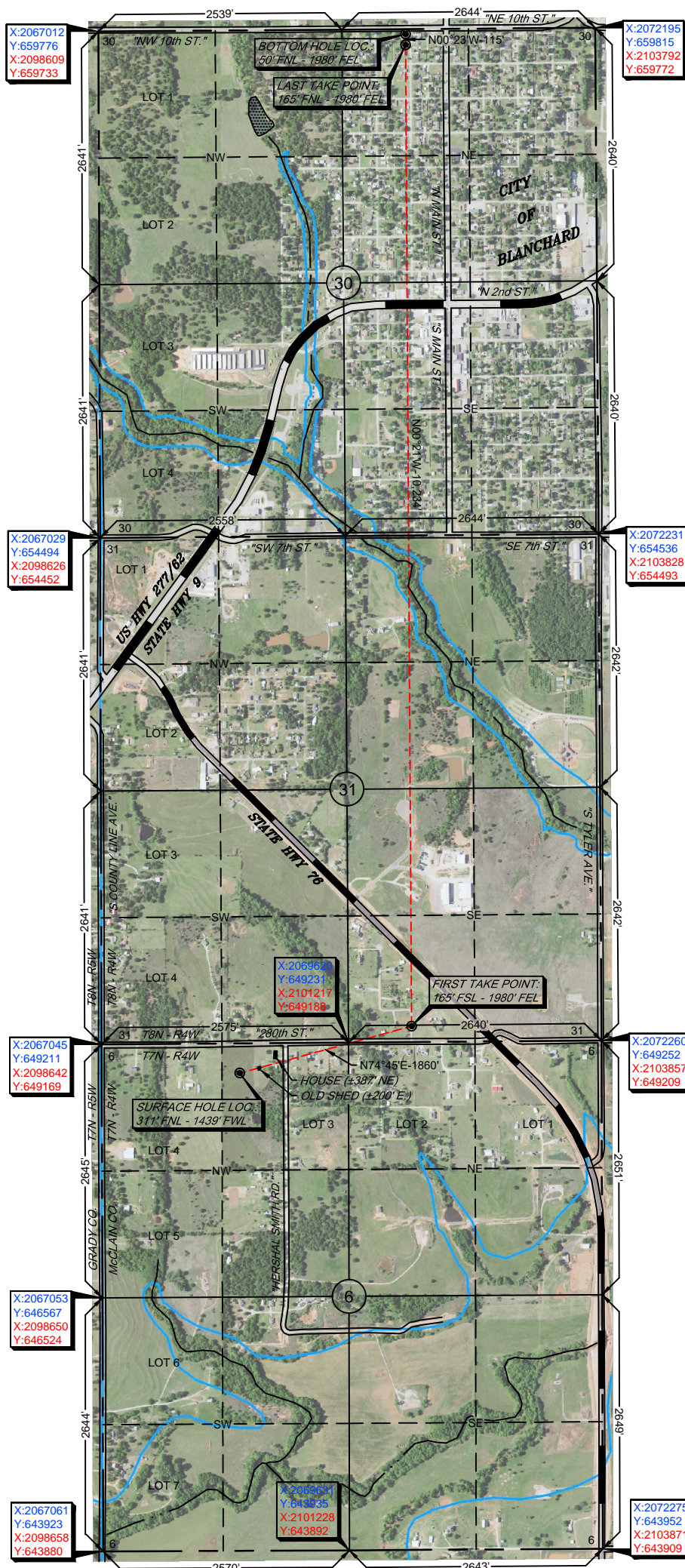
Category	Description
HYDRAULIC FRACTURING	<p>[10/23/2020 - GC2] - OCC 165:10-3-10 REQUIRES:</p> <p>1) NOTICE SHALL BE GIVEN AT LEAST 5 BUSINESS DAYS PRIOR TO COMMENCEMENT OF HYDRAULIC FRACTURING OPERATIONS ON A HORIZONTAL WELL TO OPERATORS PRODUCING WELLS WITHIN 1 MILE OF THE COMPLETION INTERVAL OF THE 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>
MEMO	[10/23/2020 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202000235	<p>10/29/2020 - GB1 - (I.O.)(640)(HOR)(IRR) E2 30 &amp; E2 31-8N-4W</p> <p>VAC OTHERS</p> <p>EST WDFD, OTHERS</p> <p>COMPL INT (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL</p> <p>REC 10/12/2020 (NORRIS)</p>
PUBLIC WATER SUPPLY	[10/23/2020 - GC2] - ACES SPORTS BAR - 1 WELL NE/4 36-8N-5W

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.

087 22299 BEGINNINGS 0804-31-30 1WHX



Terrain at Loc.: Location fell in open pasture,  $\pm 200'$  W. of an old shed and  $\pm 387'$  SW of a house.



All bearings shown  
are grid bearings.


$$1'' = 1500'$$

OK SOUTH ZONE

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 Akoma Surveying and Mapping promptly if any inconsistency is determined. GPS data does not represent RTK - GPS.

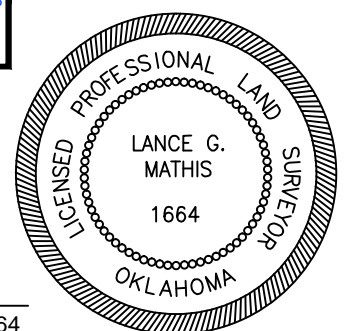
NOTE: X and Y data shown hereon for Section Corners may NOT have been surveyed on-the-ground, and further, does NOT represent a true Boundary Survey. Quarter Section distances may be assumed from a Government Survey Plat or assumed at a proportionate distance from opposing section corners, or occupation hereof, and may not have been measured on-the-ground, and further, does not represent a true boundary survey.

Expires June 30, 2020

By: K.M.

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







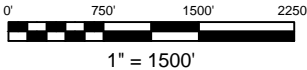
# Well Location Plat

S.H.L. Sec. 6-7N-4W I.M.  
B.H.L. Sec. 30-8N-4W I.M.

Operator: WARWICK ENERGY GROUP  
Lease Name and No.: BEGINNINGS 0804-31-30 1WHX  
Footage: 311' FNL - 1439' FWL Gr. Elevation: 1260'  
Section: 6 Township: 7N Range: 4W I.M.  
County: McClain State of Oklahoma  
Terrain at Loc.: Location fell in open pasture, ±200' W. of an old shed and ±387' SW of a house.



All bearings shown  
are grid bearings.



GPS DATUM  
NAD 83  
NAD 27  
OK SOUTH ZONE

Surface Hole Loc.:  
Lat: 35°06'57.41"N  
Lon: 97°39'56.45"W  
Lat: 35.11594770  
Lon: -97.66568167  
X: 2068485  
Y: 648912

Surface Hole Loc.:  
Lat: 35°06'57.17"N  
Lon: 97°39'55.32"W  
Lat: 35.11588109  
Lon: -97.66536599  
X: 2100082  
Y: 648869

First Take Point:  
Lat: 35°07'02.19"N  
Lon: 97°39'34.84"W  
Lat: 35.11727546  
Lon: -97.65967731  
X: 2070279  
Y: 649401

First Take Point:  
Lat: 35°07'01.95"N  
Lon: 97°39'33.70"W  
Lat: 35.11720882  
Lon: -97.65936178  
X: 2101876  
Y: 649359

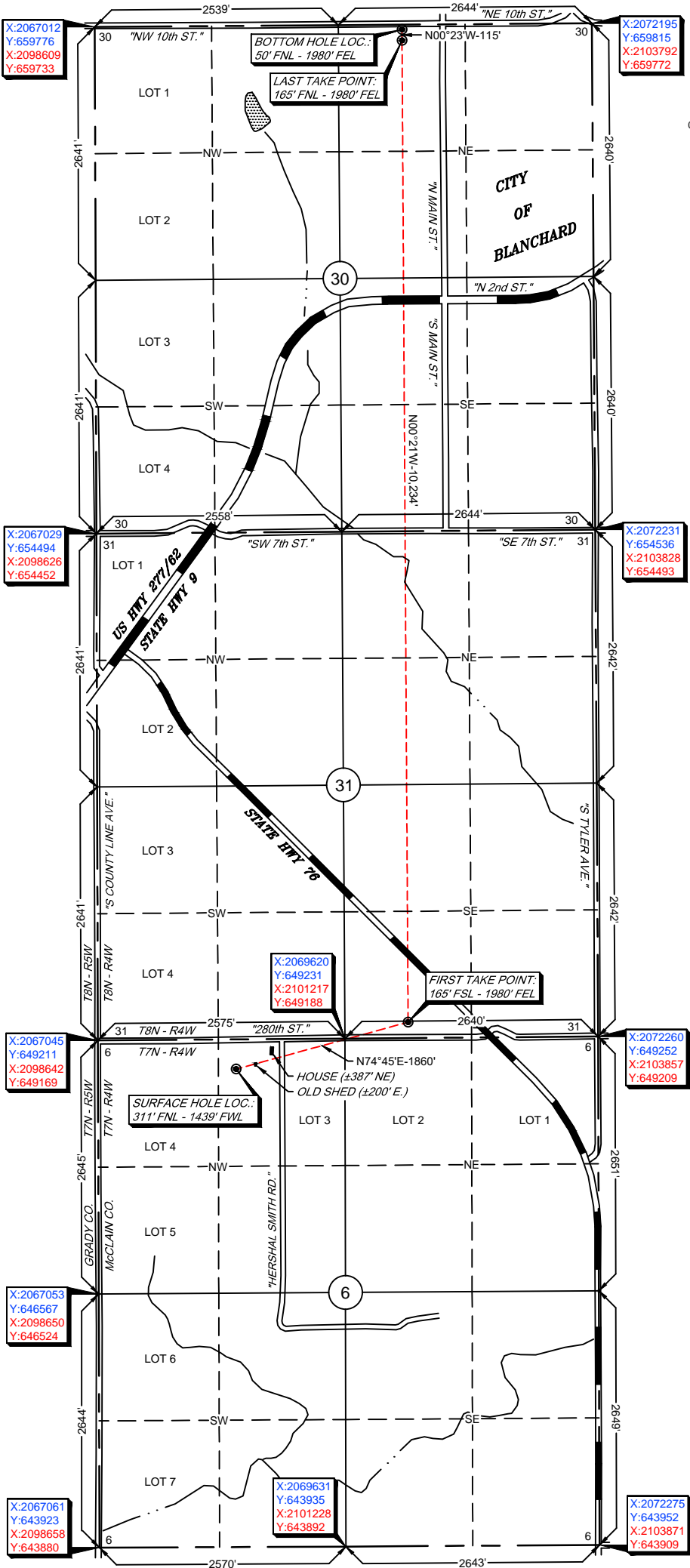
Last Take Point:  
Lat: 35°08'43.41"N  
Lon: 97°39'35.18"W  
Lat: 35.14539271  
Lon: -97.65977356  
X: 2070216  
Y: 659635

Last Take Point:  
Lat: 35°08'43.18"N  
Lon: 97°39'34.05"W  
Lat: 35.14532660  
Lon: -97.65945767  
X: 2101813  
Y: 659592

Bottom Hole Loc.:  
Lat: 35°08'44.55"N  
Lon: 97°39'35.19"W  
Lat: 35.14570866  
Lon: -97.65977489  
X: 2070215  
Y: 659750

Bottom Hole Loc.:  
Lat: 35°08'44.31"N  
Lon: 97°39'34.05"W  
Lat: 35.14564256  
Lon: -97.65945900  
X: 2101812  
Y: 659707

- 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.



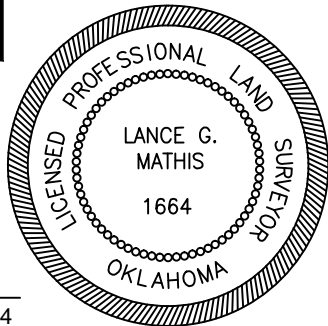
Survey and plat by:  
Arkoma Surveying and Mapping, PLLC  
P.O. Box 238 Wilburton, OK 74578  
Ph. 918-465-5711 Fax 918-465-5030  
Certificate of Authorization No. 5348  
Expires June 30, 2020

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

02/26/2020

OK LPLS 1664



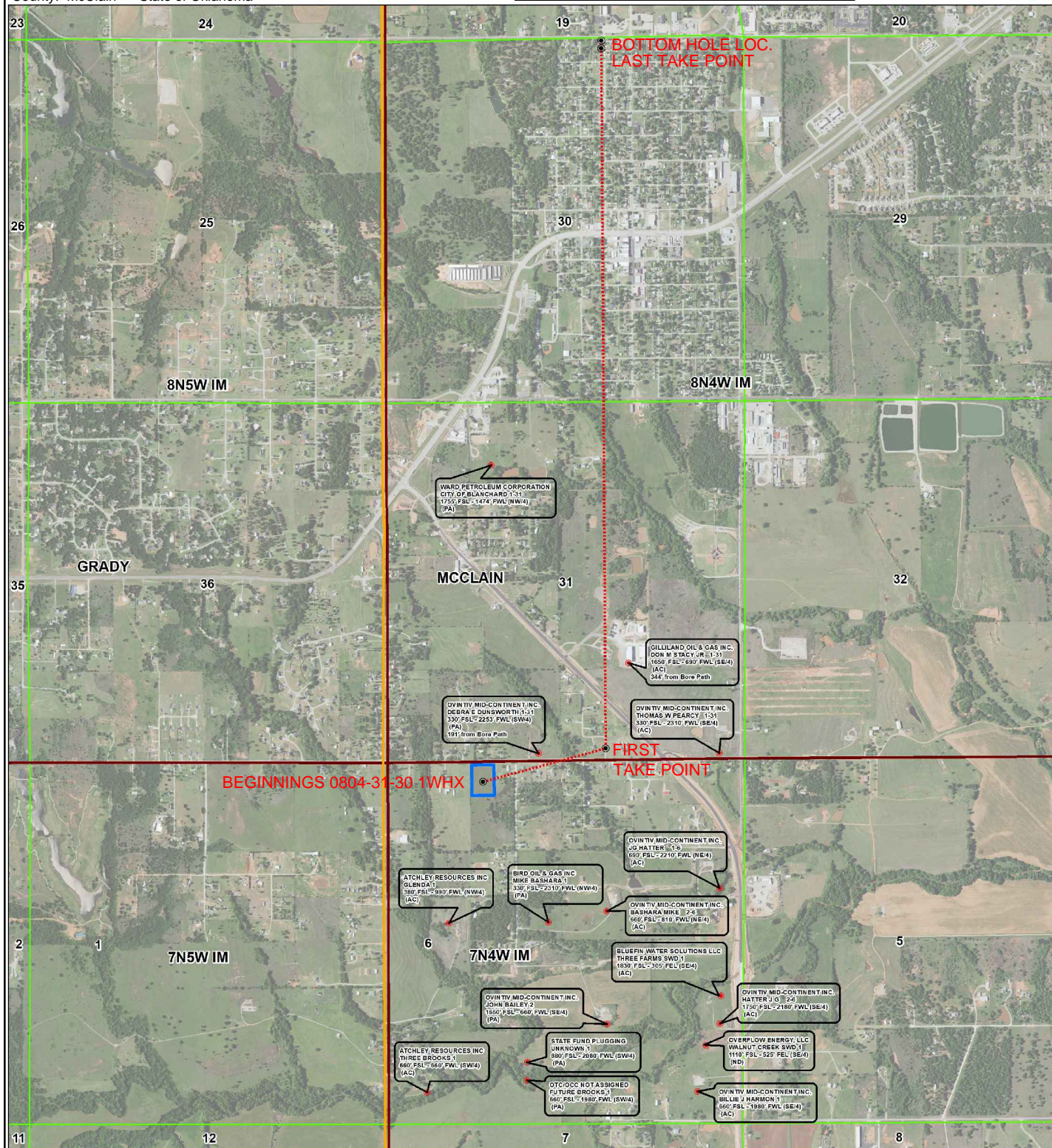
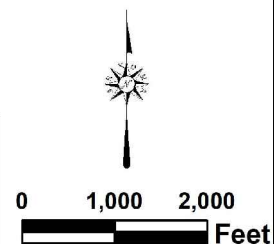
Invoice #8998

Date Staked: 02/21/2020  
Date Drawn: 02/24/2020

By: H.S.  
By: K.M.



Operator: WARWICK ENERGY GROUP  
Lease Name and No.: BEGINNINGS 0804-31-30 1WHX  
Surface Hole Location: 311' FNL - 1439' FWL  
Sec. 6 Twp. 7N Rng. 4W I.M.  
First Take Point: 165' FSL - 1980' FEL  
Sec. 31 Twp. 8N Rng. 4W I.M.  
Last Take Point: 165' FNL - 1980' FEL  
Bottom Hole Location: 50' FNL - 1980' FEL  
Sec. 30 Twp. 8N Rng. 4W I.M.  
County: McClain State of Oklahoma





**WARWICK**  
— GROUP —

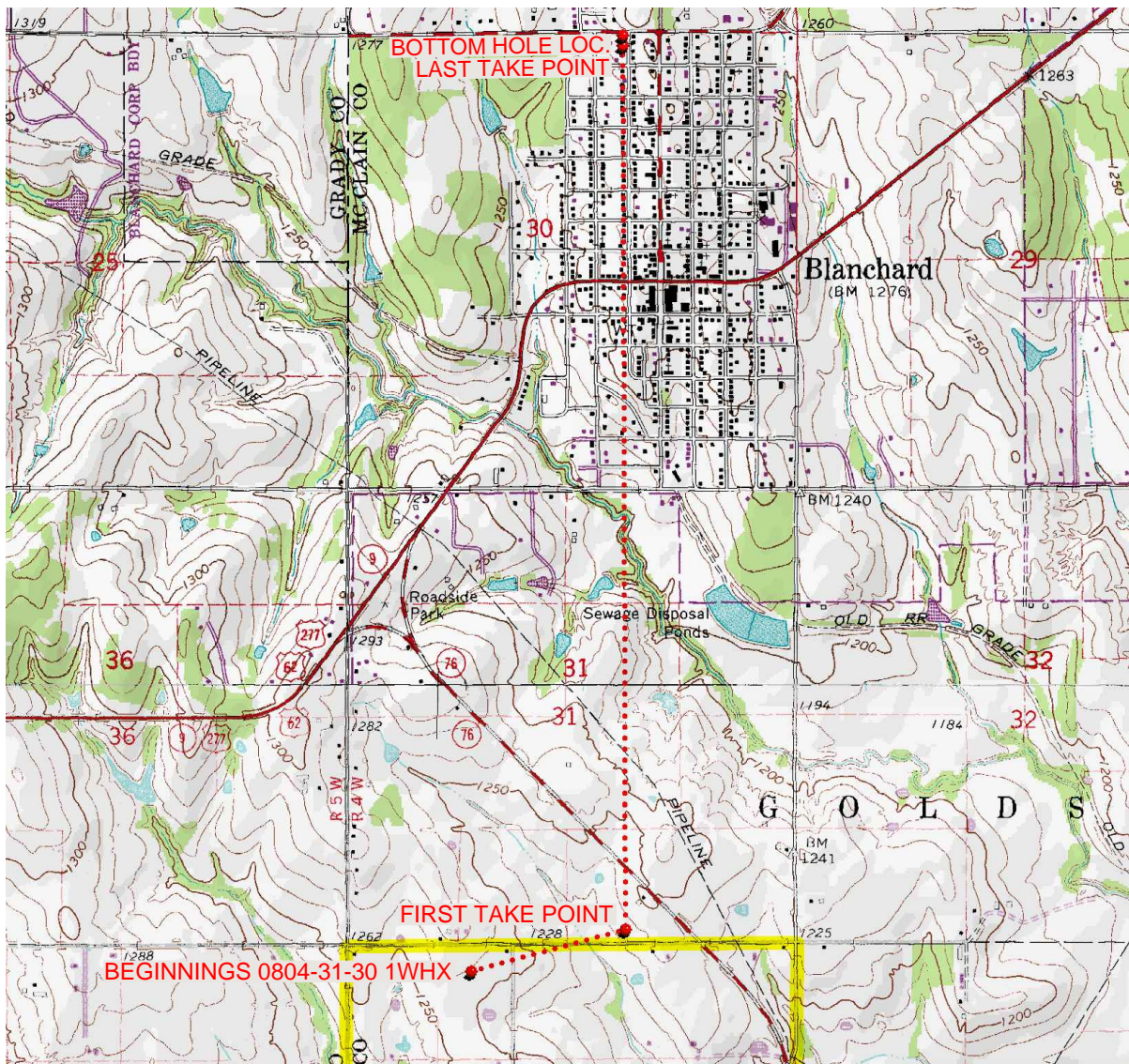
*Topographic Vicinity Map*

Operator: WARWICK ENERGY GROUP  
Lease Name and No.: BEGINNINGS 0804-31-30 1WHX  
Surface Hole Location: 311' FNL - 1439' FWL  
Sec. 6 Twp. 7N Rng. 4W I.M.  
First Take Point: 165' FSL - 1980' FEL  
Sec. 31 Twp. 8N Rng. 4W I.M.  
Last Take Point: 165' FNL - 1980' FEL  
Bottom Hole Location: 50' FNL - 1980' FEL  
Sec. 30 Twp. 8N Rng. 4W I.M.  
County: McClain State of Oklahoma

Ground Elevation at Surface Hole Location: 1260'



Scale 1" = 2000'  
Contour Interval: 10'



Provided 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

Date Staked: 02/21/2020

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

WARWICK  
GROUP

Job #: 8998

Operator: WARWICK ENERGY GROUP

Lease Name and No.: BEGINNINGS 0804-31-30 1WHX

Accessibility: From the North.

Directions: From the junction of US HWY 62 & State HWY 76 in the town of Blanchard, OK, go 1.1 miles South on State HWY 76, then go 0.5 miles West on "280th St" to the Northwest Quarter of Section 6-7N-4W on the South side of the road.

1 inch = 0.5 mile

provided 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

