

API NUMBER: 017 25196 B

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

Approval Date: 08/04/2021
Expiration Date: 02/04/2023

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 04 Township: 11N Range: 6W County: CANADIAN

SPOT LOCATION: SW SW SW SW FEET FROM QUARTER: FROM SOUTH FROM WEST
SECTION LINES: 285 275

Lease Name: GRIT 1106 4 Well No: 1MH Well will be 275 feet from nearest unit or lease boundary.
Operator Name: REVOLUTION OPERATING COMPANY LLC Telephone: 4055345232 OTC/OCC Number: 24513 0

REVOLUTION OPERATING COMPANY LLC
14301 CALIBER DR STE 110
OKLAHOMA CITY, OK 73134-1016

LEO THOMAS SCOTT
16709 SW 15TH ST
EL RENO OK 73036

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

Name	Code	Depth
1 MISSISSIPPIAN	359MSSP	9200

Spacing Orders: 665588

Location Exception Orders: No Exceptions

Increased Density Orders: No Density Orders

Pending CD Numbers: 202101328
202101327

Working interest owners' notified: ***

Special Orders: No Special Orders

Total Depth: 14234 Ground Elevation: 1349

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 470

Deep surface casing has been approved

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: 21-37699

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? 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

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? 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

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.

HORIZONTAL HOLE 1

Section: 4	Township: 11N	Range: 6W	Meridian: IM	Total Length: 4707
	County: CANADIAN			Measured Total Depth: 14234
Spot Location of End Point: N2	NW	NW	NW	True Vertical Depth: 9200
Feet From: NORTH	1/4 Section Line: 165			End Point Location from
Feet From: WEST	1/4 Section Line: 330			Lease, Unit, or Property Line: 165

NOTES:

Category	Description
DEEP SURFACE CASING	[7/30/2021 - GC2] - APPROVED; NOTIFY OCC FIELD INSPECTOR IMMEDIATELY OF ANY LOSS OF CIRCULATION OR FAILURE TO CIRCULATE CEMENT TO SURFACE ON ANY CONDUCTOR OR SURFACE CASING
HYDRAULIC FRACTURING	<p>[7/30/2021 - 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: 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>
MEMO	[7/30/2021 - GC2] - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 202101327	<p>[8/3/2021 - GC2] - 4-11N-6W</p> <p>X665588 MSSP</p> <p>1 WELL</p> <p>NO OP NAMED</p> <p>REC. 7-27-2021 (MILLER)</p>
PENDING CD - 202101328	<p>[8/3/2021 - GC2] - (I.O.) 4-11N-6W</p> <p>X665588 MSSP, OTHERS</p> <p>COMPL. INT. NCT 165' FSL, NCT 165' FNL, NCT 330' FWL</p> <p>NO OP NAMED</p> <p>REC. 7-27-2021 (MILLER)</p>
SPACING - 665588	<p>[8/3/2021 - GC2] - (640)(HOR) 4-11N-6W</p> <p>EST MSSP, OTHERS</p> <p>COMPL. INT. (MSSP) NLT 660' FB</p> <p>(COEXIST SPACING ORDER # 141293 MISS, ORDER # 141778 MISS)</p>



Well Location Plat

Sec. 4-11N-6W I.M.

Operator: REVOLUTION RESOURCES

Lease Name and No.: GRIT 1106 4-1MH

Surface Hole Location: 285' FSL - 275' FWL Gr. Elevation: 1349'

SW/4-SW/4-SW/4-SW/4 Section: 4 Township: 11N Range: 6W I.M.

Bottom Hole Location: 165' FNL - 330' FWL

NW/4-NW/4-NW/4-NW/4 Section: 4 Township: 11N Range: 6W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell in an open, flat cultivated field \pm 210' North of E-W drain.



All bearings shown
are geodetic bearings
unless noted.

0' 660' 1320' 1980'

1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 35°27'02.28"N

Lon: 97°50'51.66"W

Lat: 35.45063354

Lon: -97.84768308

X: 2013869

Y: 164076

Surface Hole Loc.:

Lat: 35°27'02.08"N

Lon: 97°50'50.49"W

Lat: 35.45057785

Lon: -97.84735947

X: 2045466

Y: 164051

Entry Point:

Lat: 35°27'01.09"N

Lon: 97°50'50.99"W

Lat: 35.45030307

Lon: -97.84749600

X: 2013925

Y: 163955

Entry Point:

Lat: 35°27'00.89"N

Lon: 97°50'49.82"W

Lat: 35.45024737

Lon: -97.84717240

X: 2045522

Y: 163931

Bottom Hole Loc.:

Lat: 35°27'50.48"N

Lon: 97°50'51.34"W

Lat: 35.46402087

Lon: -97.84759522

X: 2013887

Y: 168949

Bottom Hole Loc.:

Lat: 35°27'50.28"N

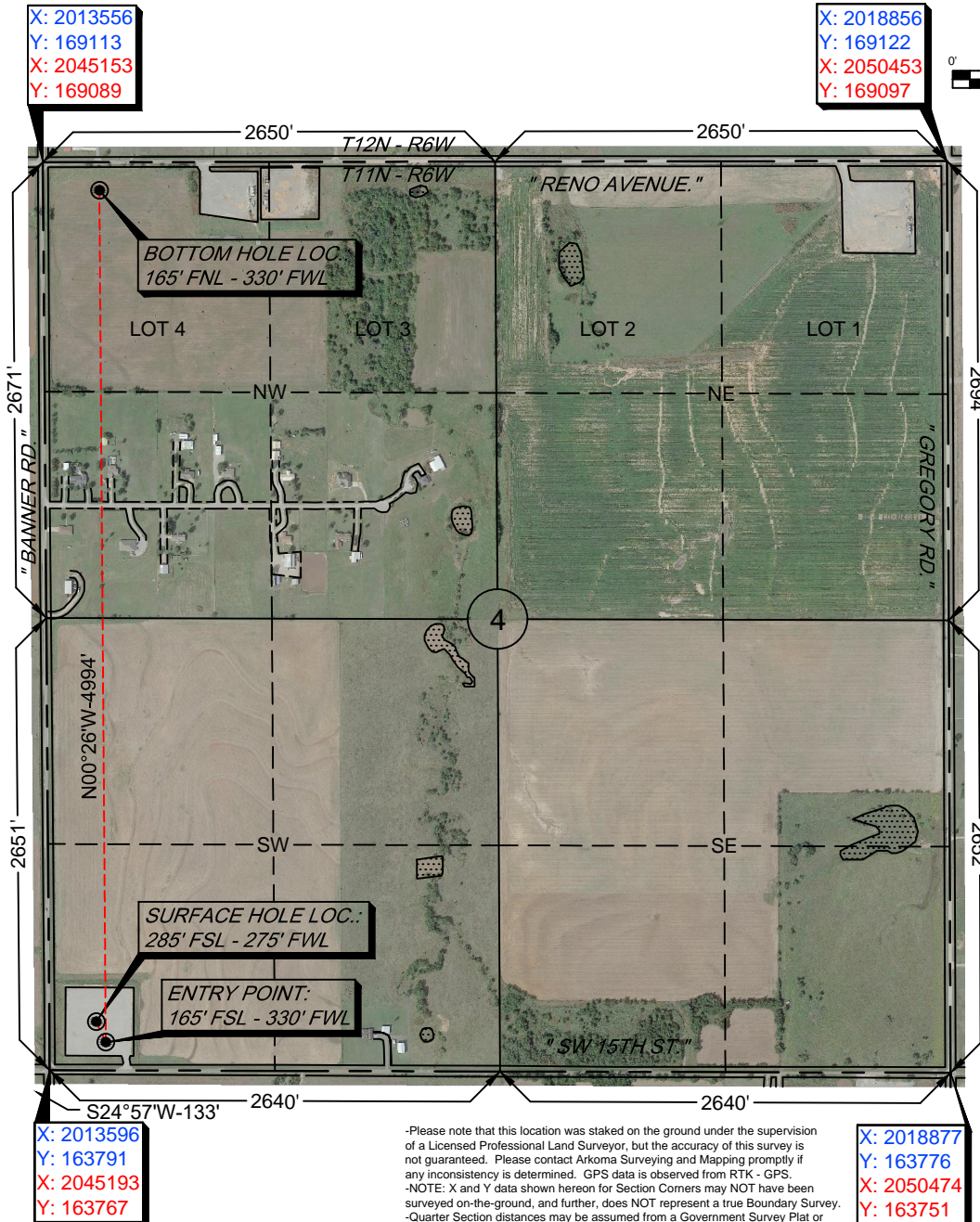
Lon: 97°50'50.18"W

Lat: 35.46396562

Lon: -97.84727149

X: 2045485

Y: 168924



X: 2013556
Y: 169113
X: 2045153
Y: 169089

X: 2018856
Y: 169122
X: 2050453
Y: 169097

X: 2013596
Y: 163791
X: 2045193
Y: 163767

X: 2018877
Y: 163776
X: 2050474
Y: 163751

-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, 2022

Invoice #7262-B

Date Staked: 11/27/2017 By: C.K.

Date Drawn: 07/06/2021 By: J.K.

Revise EP & BHL: 07/08/2021 By: J.K.

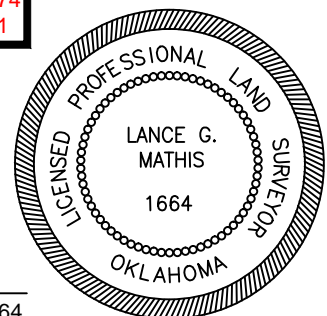
Certification:

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

07/08/2021

OK LPLS 1664



Operator: REVOLUTION RESOURCES

Lease Name and No.: GRIT 1106 4-1MH

Surface Hole Location: 285' FSL - 275' FWL Gr. Elevation: 1349'

SW/4-SW/4-SW/4-SW/4 Section: 4 Township: 11N Range: 6W I.M.

Bottom Hole Location: 165' FNL - 330' FWL

NW/4-NW/4-NW/4-NW/4 Section: 4 Township: 11N Range: 6W I.M.

County: Canadian State of Oklahoma

Terrain at Loc.: Location fell in an open, flat cultivated field \pm 210' North of E-W drain.



All bearings shown
are geodetic bearings
unless noted.

0' 660' 1320' 1980'

1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:

Lat: 35°27'02.28"N

Lon: 97°50'51.66"W

Lat: 35.45063354

Lon: -97.84768308

X: 2013869

Y: 164076

Surface Hole Loc.:

Lat: 35°27'02.08"N

Lon: 97°50'50.49"W

Lat: 35.45057785

Lon: -97.84735947

X: 2045466

Y: 164051

Entry Point:

Lat: 35°27'01.09"N

Lon: 97°50'50.99"W

Lat: 35.45030307

Lon: -97.84749600

X: 2013925

Y: 163955

Entry Point:

Lat: 35°27'00.89"N

Lon: 97°50'49.82"W

Lat: 35.45024737

Lon: -97.84717240

X: 2045522

Y: 163931

Bottom Hole Loc.:

Lat: 35°27'50.48"N

Lon: 97°50'51.34"W

Lat: 35.46402087

Lon: -97.84759522

X: 2013887

Y: 168949

Bottom Hole Loc.:

Lat: 35°27'50.28"N

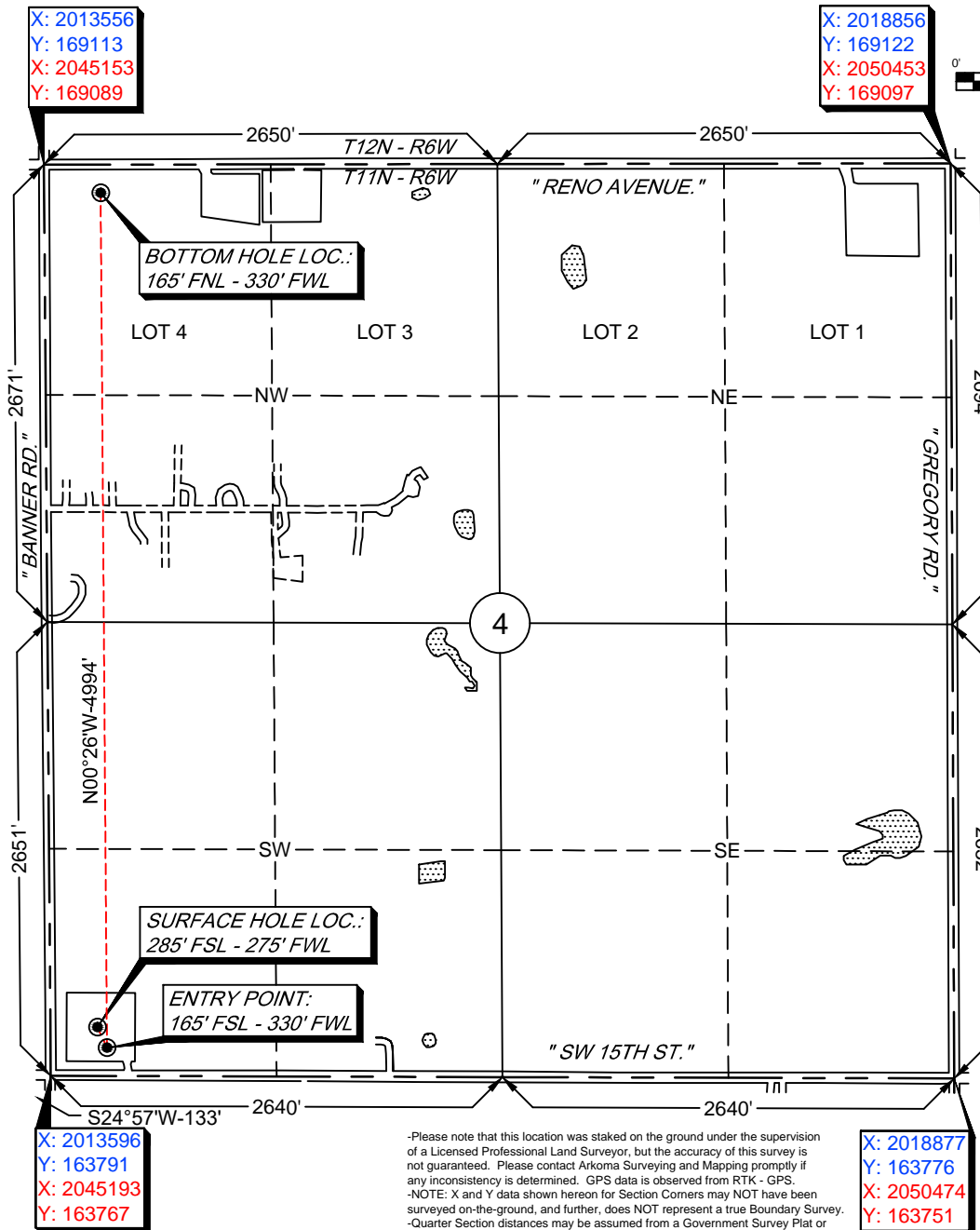
Lon: 97°50'50.18"W

Lat: 35.46396562

Lon: -97.84727149

X: 2045485

Y: 168924



-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, 2022

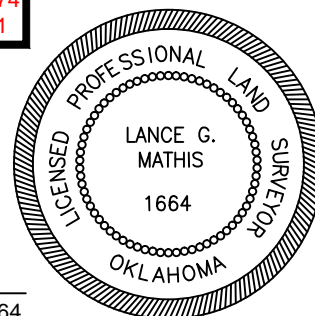
Certification:

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

07/08/2021

OK LPLS 1664



Invoice #7262-B

Date Staked: 11/27/2017 By: C.K.

Date Drawn: 07/06/2021 By: J.K.

Revise EP & BHL: 07/08/2021 By: J.K.



Anti-Collision

Sec. 4-11N-6W I.M.

Operator: REVOLUTION RESOURCES

Lease Name and No.: GRIT 1106 4-1MH

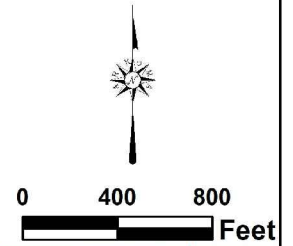
Surface Hole Location: 285' FSL - 275' FWL

Entry Point: 165' FSL - 330' FWL

Bottom Hole Location: 165' FNL - 330' FWL

Sec. 4 Twp. 11N Rng. 6W I.M.

County: Canadian State of Oklahoma



Operator: REVOLUTION RESOURCES

Lease Name and No.: GRIT 1106 4-1MH

Surface Hole Location: 285' FSL - 275' FWL

Entry Point: 165' FSL - 330' FWL

Bottom Hole Location: 165' FNL - 330' FWL

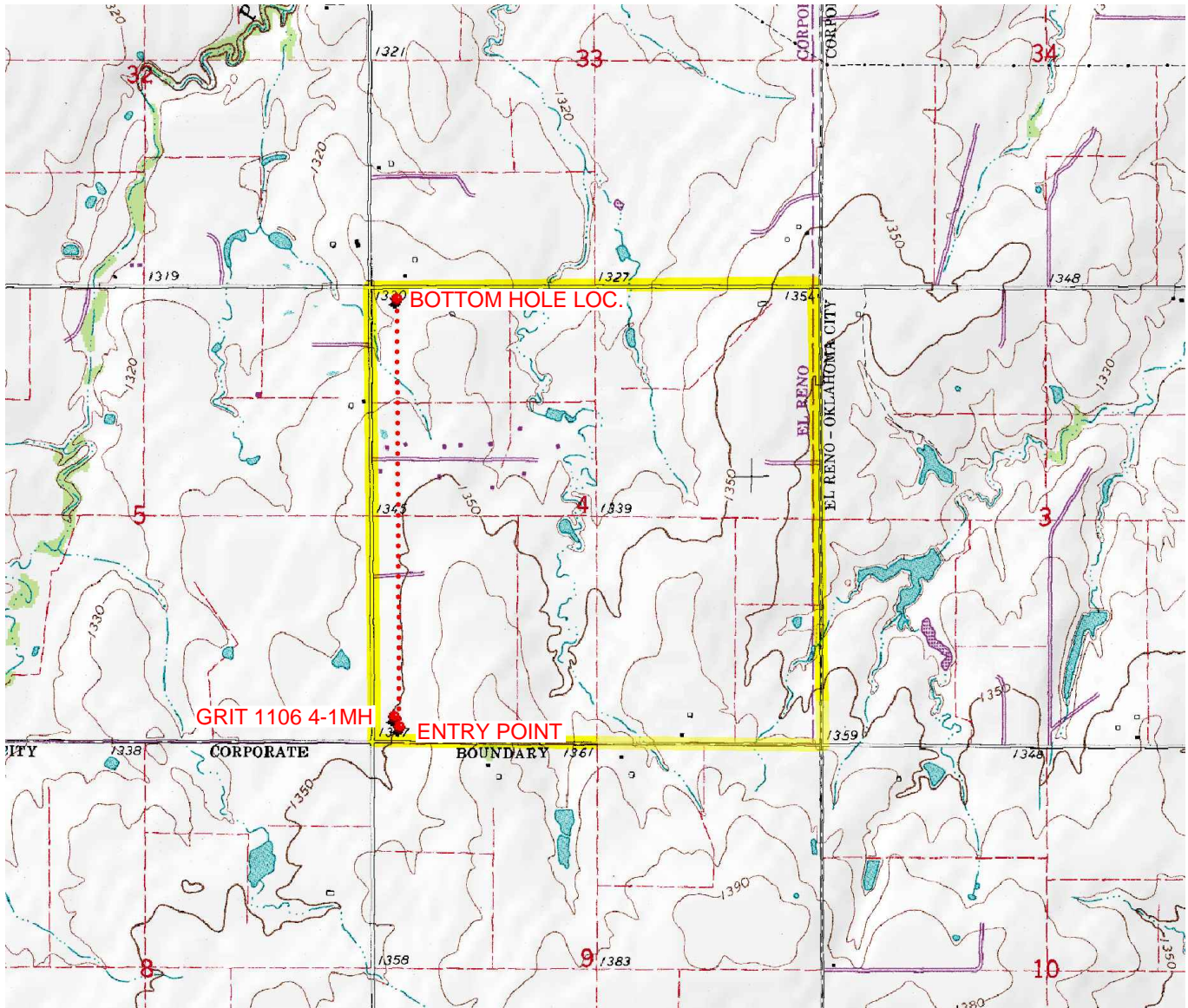
Sec. 4 Twp. 11N Rng. 6W I.M.

County: Canadian State of Oklahoma



Ground Elevation at Surface Hole Location: 1349'

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, 2022

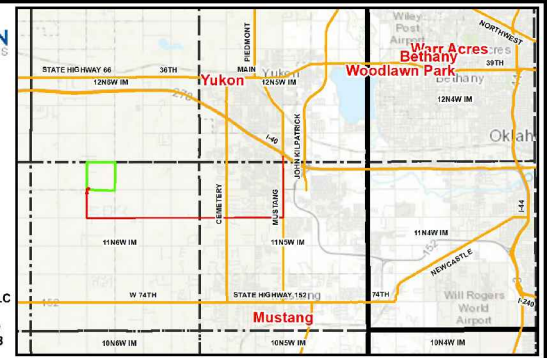
Date Staked: 11/27/2017

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 #: 7262-B

Operator: REVOLUTION RESOURCES

Lease Name and No.: GRIT 1106 4-1MH

Accessibility: From the South.

Directions: From the junction of I-40 & State HWY 4 in the town of Yukon, OK, go 2.2 miles South on State HWY 4, 7.0 miles West "SW 29th St.", then go 1.1 miles North on "Banner Rd." to the Southwest Corner of Section 4-11N-6W.

1 inch = 1 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

