

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

API NUMBER: 051 24737

Approval Date: 12/03/2019

Expiration Date: 06/03/2021

Horizontal Hole
Multi Unit

Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 02 Twp: 9N Rge: 7W County: GRADY
SPOT LOCATION: ☐ SE ☐ NE ☐ NE ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 340 265

Lease Name: SAM NOBLE 0907 2-11 Well No: 1MXH Well will be 265 feet from nearest unit or lease boundary.
Operator CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0
Name:

CAMINO NATURAL RESOURCES LLC
1401 17TH ST STE 1000
DENVER, CO 80202-1247

EUBANK RANCH, LLC C/O STEVE EUBANK
PO BOX 2046
CHICKASHA OK 73023

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

Name	Depth	Name	Depth
1 MISSISSIPPI LIME	11087	6	
2		7	
3		8	
4		9	
5		10	

Spacing Orders: 319301
328394

Location Exception Orders:

Increased Density Orders:

Pending CD Numbers: 201901288
201901289

Special Orders:

Total Depth: 21435 Ground Elevation: 1339

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 340

Deep surface casing has been approved

Under Federal Jurisdiction: No

Fresh Water Supply Well Drilled: No

Surface Water used to Drill: Yes

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: 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

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

PERMIT NO: 19-37116

H. SEE MEMO

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.

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

HORIZONTAL HOLE 1

Sec 11 Twp 9N Rge 7W County GRADY

Spot Location of End Point: SW SE SE SE

Feet From: SOUTH 1/4 Section Line: 165

Feet From: EAST 1/4 Section Line: 380

Depth of Deviation: 10698

Radius of Turn: 518

Direction: 182

Total Length: 9924

Measured Total Depth: 21435

True Vertical Depth: 11511

End Point Location from Lease,
Unit, or Property Line: 165

Notes:

Category

Description

DEEP SURFACE CASING

11/22/2019 - G71 - 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

11/22/2019 - 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: OCCWEB.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

MEMO

11/22/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

PENDING CD - 201901288

12/3/2019 - GC2 - (I.O.) 2 & 11-9N-7W
EST MULTIUNIT HORIZONTAL WELL
X319301 MSSLM 2-9N-7W
X328394 MSSLM 11-9N-7W
50% 2-9N-7W
50% 11-9N-7W
NO OP. NAMED
REC. 3-26-2019 (MILLER)

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.

051 24737 SAM NOBLE 0907 2-11 1MXH

PENDING CD - 201901289	12/3/2019 - GC2 - (I.O.) 2 & 11-9N-7W X319301 MSSLM 2-9N-7W X328394 MSSLM 11-9N-7W COMPL. INT. (2-9N-7W) NCT 165' FNL, NCT 0' FSL, NCT 330' FEL COMPL. INT. (11-9N-7W) NCT 0' FNL, NCT 165' FSL, NCT 330' FEL NO OP. NAMED REC. 3-26-2019 (MILLER)
SPACING - 319301	12/3/2019 - GC2 - (640) 2-9N-7W EXT 107705 MSSLM, OTHERS EXT OTHERS EST OTHER
SPACING - 328394	12/3/2019 - GC2 - (640) 11-9N-7W EXT 319301 MSSLM, OTHERS



Well Location Plat

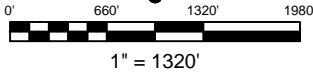
S.H.L. Sec. 2-9N-7W I.M.
B.H.L. Sec. 11-9N-7W I.M.

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name and No.: SAM NOBLE 0907 2-11 1MXH
Footage: 340' FNL - 265' FEL Gr. Elevation: 1338'
Section: 2 Township: 9N Range: 7W I.M.
County: Grady State of Oklahoma
Terrain at Loc.: Location fell in a flat, open field.

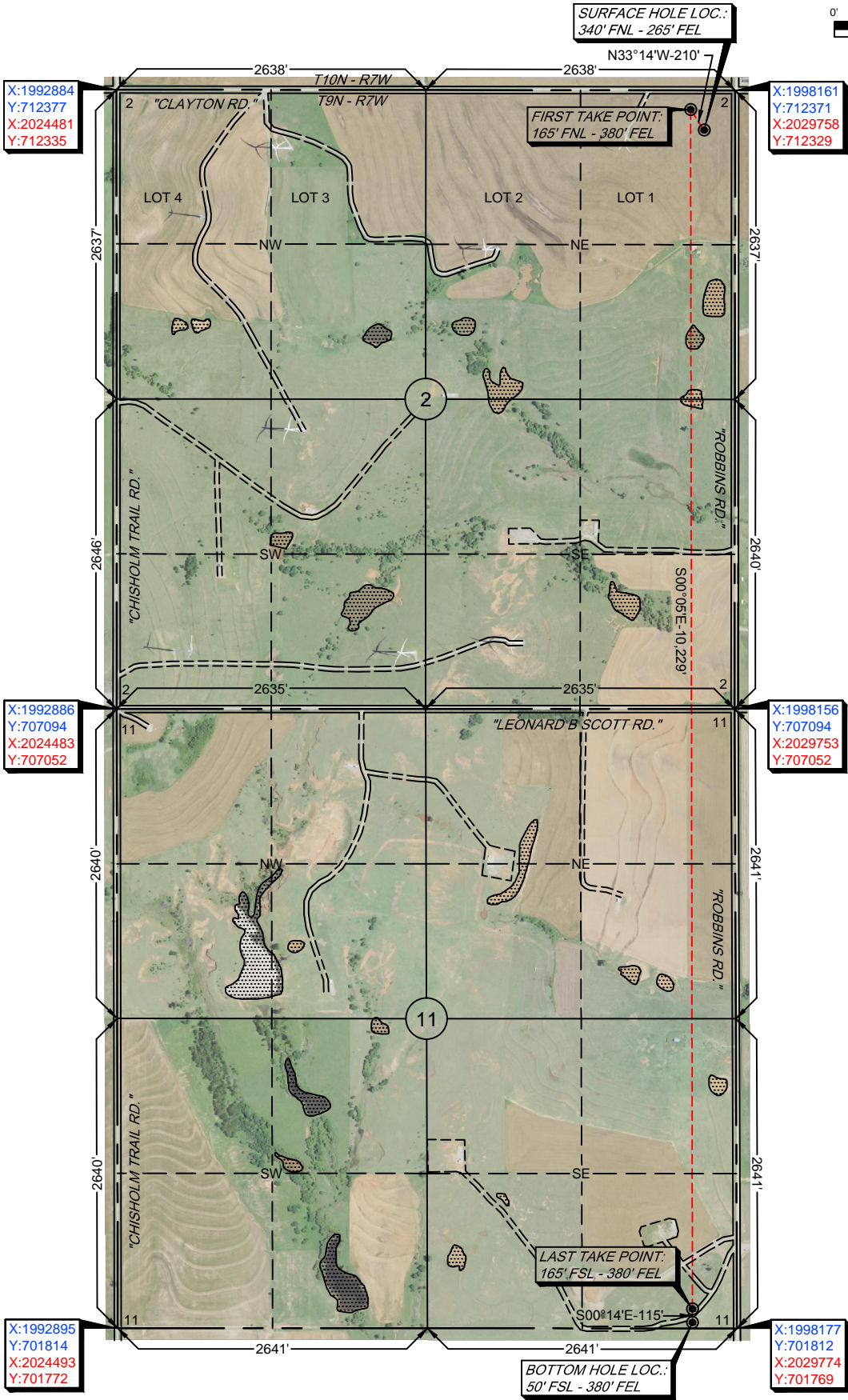
API: 051-24737



All bearings shown
are grid bearings.



GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE



Surface Hole Loc.:
Lat: 35°17'23.18"N
Lon: 97°54'05.41"W
Lat: 35.28977222
Lon: -97.90150313
X: 1997896
Y: 712031

Surface Hole Loc.:
Lat: 35°17'22.96"N
Lon: 97°54'04.25"W
Lat: 35.28971174
Lon: -97.90117977
X: 2029493
Y: 711988

First Take Point:
Lat: 35°17'24.92"N
Lon: 97°54'06.80"W
Lat: 35.29025493
Lon: -97.90188799
X: 1997781
Y: 712206

First Take Point:
Lat: 35°17'24.70"N
Lon: 97°54'05.63"W
Lat: 35.29019447
Lon: -97.90156462
X: 2029378
Y: 712164

Last Take Point:
Lat: 35°15'43.75"N
Lon: 97°54'06.73"W
Lat: 35.26215217
Lon: -97.90186886
X: 1997797
Y: 701977

Last Take Point:
Lat: 35°15'43.53"N
Lon: 97°54'05.56"W
Lat: 35.26209076
Lon: -97.90154577
X: 2029394
Y: 701935

Bottom Hole Loc.:
Lat: 35°15'42.61"N
Lon: 97°54'06.72"W
Lat: 35.26183623
Lon: -97.90186771
X: 1997797
Y: 701862

Bottom Hole Loc.:
Lat: 35°15'42.39"N
Lon: 97°54'05.56"W
Lat: 35.26177481
Lon: -97.90154462
X: 2029394
Y: 701820

-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

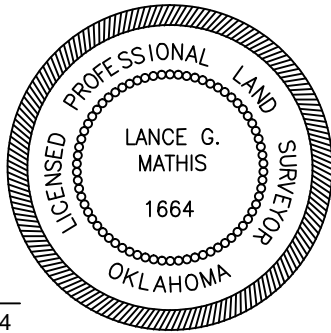
Certification:

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

11/25/19

OK LPLS 1664



Invoice #8458-A

Date Staked: 11/21/19 By: S.O.
Date Drawn: 11/25/19 By: K.M.



Well Location Plat

S.H.L. Sec. 2-9N-7W I.M.
B.H.L. Sec. 11-9N-7W I.M.

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Lease Name and No.: SAM NOBLE 0907 2-11 1MXH
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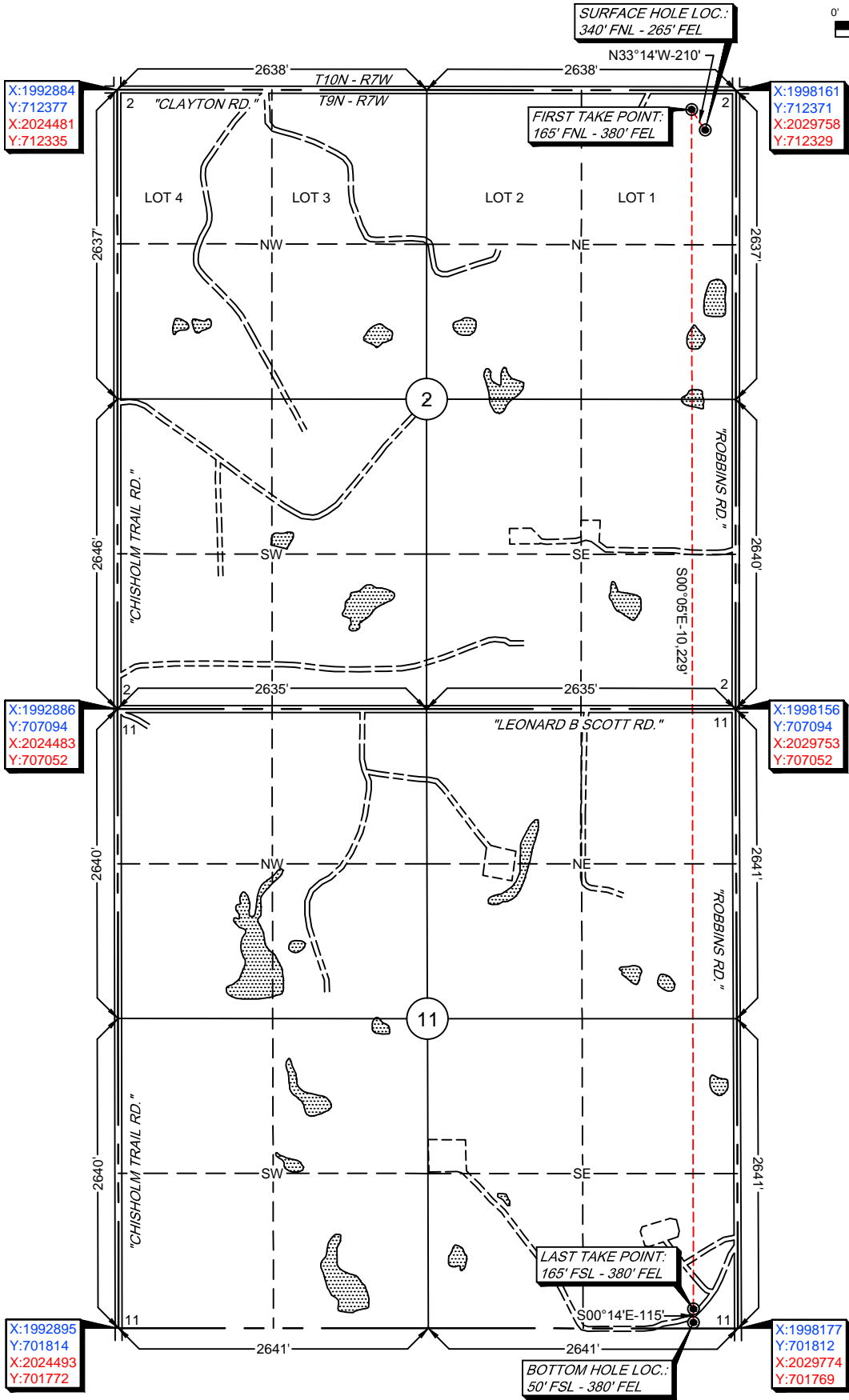


All bearings shown
are grid bearings.



1" = 1320'

GPS DATUM
NAD 83
NAD 27
OK SOUTH ZONE



Surface Hole Loc.:
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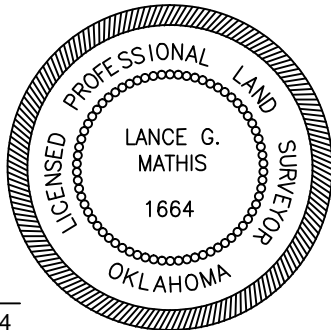
Certification:

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LANCE G. MATHIS

11/25/19

OK LPLS 1664

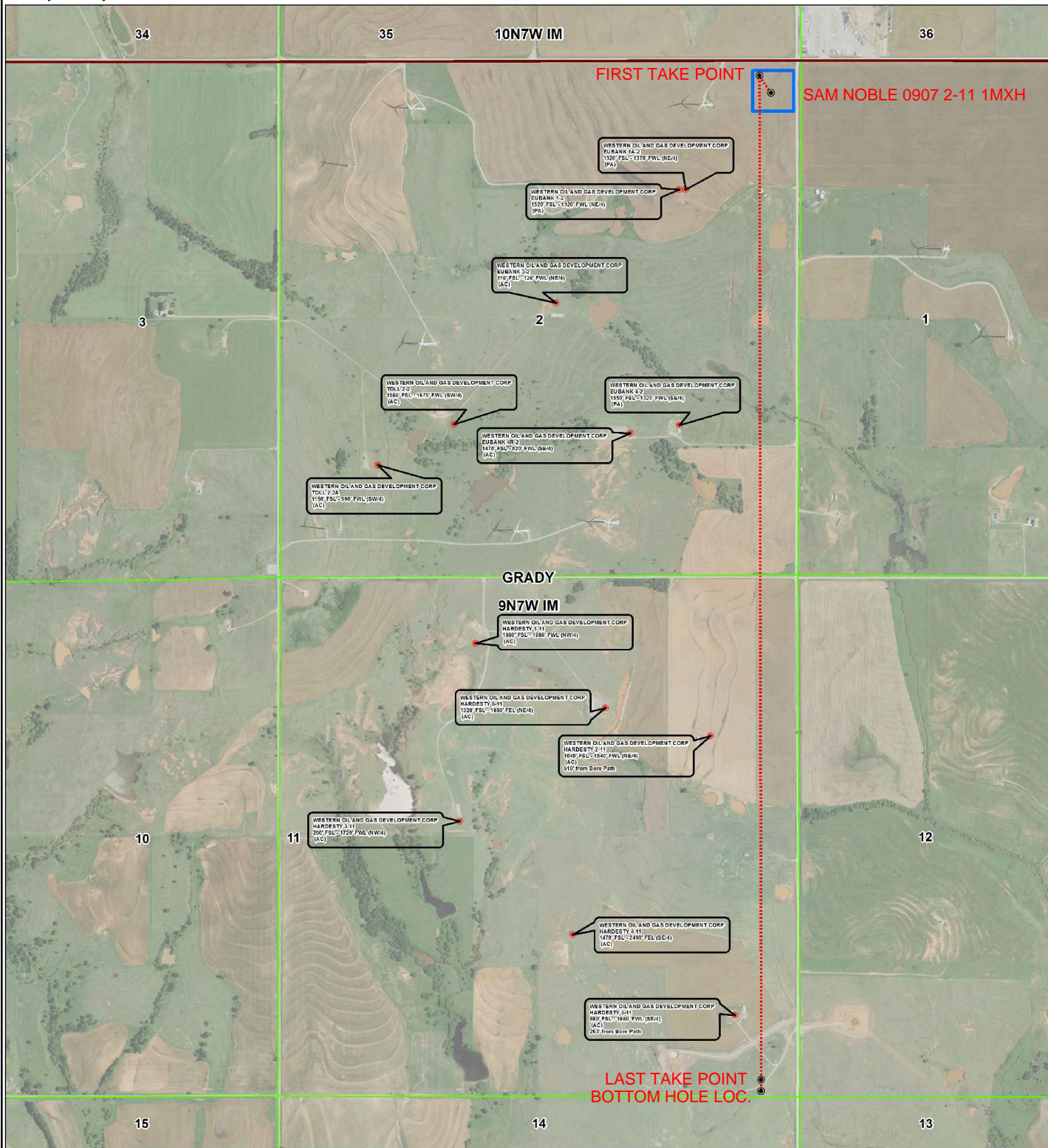
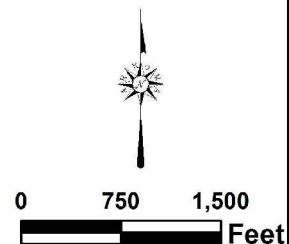


Invoice #8458-A

Date Staked: 11/21/19 By: S.O.
Date Drawn: 11/25/19 By: K.M.

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name and No.: SAM NOBLE 0907 2-11 1MXH
Surface Hole Location: 340' FNL - 265' FEL
First Take Point: 165' FNL - 380' FEL
Sec. 2 Twp. 9N Rng. 7W I.M.
Last Take Point: 165' FSL - 380' FEL
Bottom Hole Location: 50' FSL - 380' FEL
Sec. 11 Twp. 9N Rng. 7W I.M.
County: Grady State of Oklahoma

- SHL, FTP, LTP, & BHL
- Bore Path
- ▭ Pad
- OCC Wells
- ▭ Counties
- ▭ Township-Range
- ▭ Sections





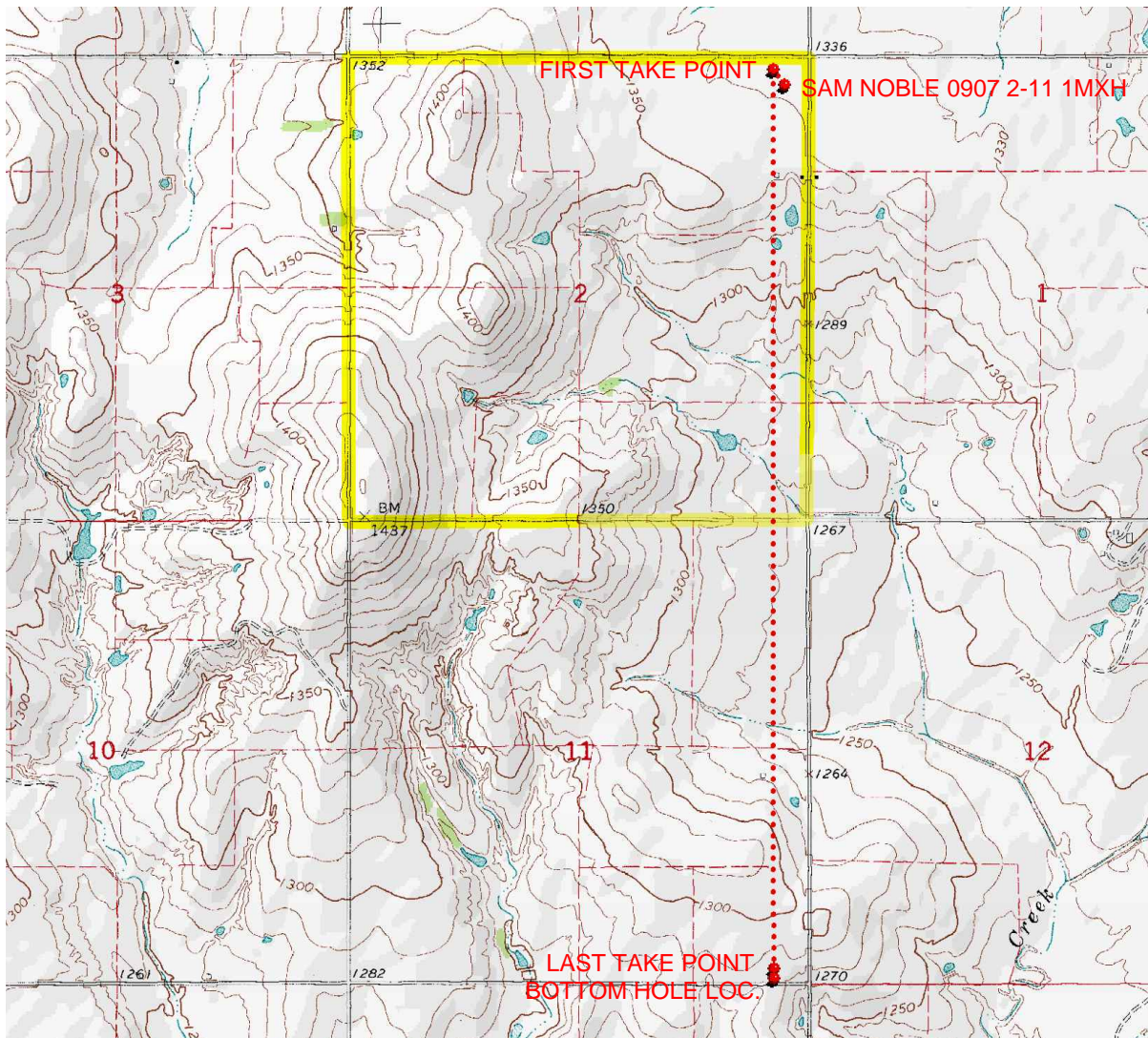
Topographic Vicinity Map

Operator: CAMINO NATURAL RESOURCES, LLC
Lease Name and No.: SAM NOBLE 0907 2-11 1MXH
Surface Hole Location: 340' FNL - 265' FEL
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Bottom Hole Location: 50' FSL - 380' FEL
Sec. 11 Twp. 9N Rng. 7W I.M.
County: Grady State of Oklahoma



Scale 1" = 2000'
Contour Interval: 10'

Ground Elevation at Surface Hole Location: 1338'



Provided by:
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Certificate of Authorization No. 5348
Expires June 30, 2020

Date Staked: 11/21/19

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.

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County Highway Vicinity Map

CAMINO

Job #: 8458-A

Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name and No.: SAM NOBLE 0907 2-11 1MXH

Accessibility: From the North.

Directions: From the junction of US HWY 81 & State HWY 37 in the town of Minco, OK, go 2.6 miles East on State HWY 37, then go 1.1 miles South on "CS 2860 RD." to the Northeast Quarter of Section 2-9N-7W on the West side of the road.

1 inch = 0.5 mile

provided by:
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