

API NUMBER: 051 24766

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

Approval Date: 02/25/2020
Expiration Date: 08/25/2021

Multi Unit Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Section: 21 Township: 10N Range: 7W County: GRADY

SPOT LOCATION: ☐ NE ☐ NE ☐ SW ☐ NE FEET FROM QUARTER: FROM NORTH FROM EAST
SECTION LINES: 1564 1511

Lease Name: AMERICAN BISON 1007 Well No: 21-28-1MXH Well will be 1511 feet from nearest unit or lease boundary.
Operator Name: CAMINO NATURAL RESOURCES LLC Telephone: 7204052706 OTC/OCC Number: 24097 0

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

SHAWNEE MILLING COMPANY
201 S BROADWAY
SHAWNEE OK 74801

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

	Name	Code	Depth
1	MISSISSIPPIAN	359MSSP	11344
2	WOODFORD	319WDFD	11549

Spacing Orders: 708254

Location Exception Orders: 708920

Increased Density Orders: 708921

Pending CD Numbers: 201905753
201905756
201905754

Special Orders: No Special Orders

Total Depth: 20334

Ground Elevation: 1310

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 230

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: 19-37091
H. 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.

MULTI UNIT HOLE 1

Section: 28	Township: 10N	Range: 7W	Total Length: 8624
County: GRADY			Measured Total Depth: 20334
Spot Location of End Point: S2	SW	SE	SE
Feet From: SOUTH			1/4 Section Line: 50
Feet From: EAST			1/4 Section Line: 990
			End Point Location from Lease, Unit, or Property Line: 50

NOTES:

Category	Description
EXCEPTION TO THE RULE - 708920 (201905755)	2/24/2020 - GC2 - (I.O.) 21-10N-7W X165:10-3-28(C)(2)(B) MSSP, WDFD (AMERICAN BISON 1007 21-28-1MXH) MAY BE CLOSER THAN 600' TO RON HOWARD 1007 16-21-1MXH NO OP. NAMED 2-19-2020
HYDRAULIC FRACTURING	12/23/2019 - 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
INCREASED DENSITY - 708921 (201905757)	1/8/2020 - GC2 - 21-10N-7W X201905597 MSSP 1 WELL NO OP. NAMED 2-19-2020
MEMO	12/23/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS PER OPERATOR REQUEST, PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT
PENDING CD - 201905753	1/8/2020 - GC2 - (640)(HOR) 28-10N-7W VAC 107705 CSTR EXT 669323 MSSP, WDFD COMPL. INT. (MISS) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL REC. 2-24-2020 (HUBER)
PENDING CD - 201905754	1/8/2020 - GC2 - (I.O.) 21 & 28-10N-7W X201905597 MSSP, WDFD (21 & 28-10N-7W) COMPL. INT. (21-10N-7W) NCT 1,900' FNL, NCT 0' FSL, NCT 660' FEL COMPL. INT. (28-10N-7W) NCT 0' FNL, NCT 165' FSL, NCT 660' FEL NO OP. NAMED REC. 2-24-2020 (HUBER)
PENDING CD - 201905756	1/8/2020 - GC2 - (I.O.) 21 & 28-10N-7W EST MULTIUNIT HORIZONTAL WELL X201905597 MSSP, WDFD (21 & 28-10N-7W) (WDFD ADJACENT COMMON SOURCE OF SUPPLY TO MSSP) 33.33% 21-10N-7W 66.67% 28-10N-7W NO OP. NAMED REC. 2-24-2020 (HUBER)
SPACING - 708254 (201905597)	1/8/2020 - GC2 - (640)(HOR) 21-10N-7W VAC 107705 CSTR EXT 664890 MSSP, WDFD COMPL. INT. (MISS) NCT 660' FB COMPL. INT. (WDFD) NCT 165' FNL/FSL, NCT 330' FEL/FWL (COEXIST CONCURRENTLY WITH 640 NON-HORIZONTAL DRILLING AND SPACING UNIT FOR MISS) 1-30-2020

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051 24766 AMERICAN BISON 1007 21-28-1MXH

Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name and No.: AMERICAN BISON 1007 21-28-1MXH

Footage: 1564' FNL - 1511' FEL Gr. Elevation: 1323'

Section: 21 Township: 10N Range: 7W I.M.

County: Grady State of Oklahoma

Terrain at Loc.: Location fell in an open crop field, with drainage to the North.

API: 051-24766

All bearings shown
are grid bearings.

0' 660' 1320' 1980'

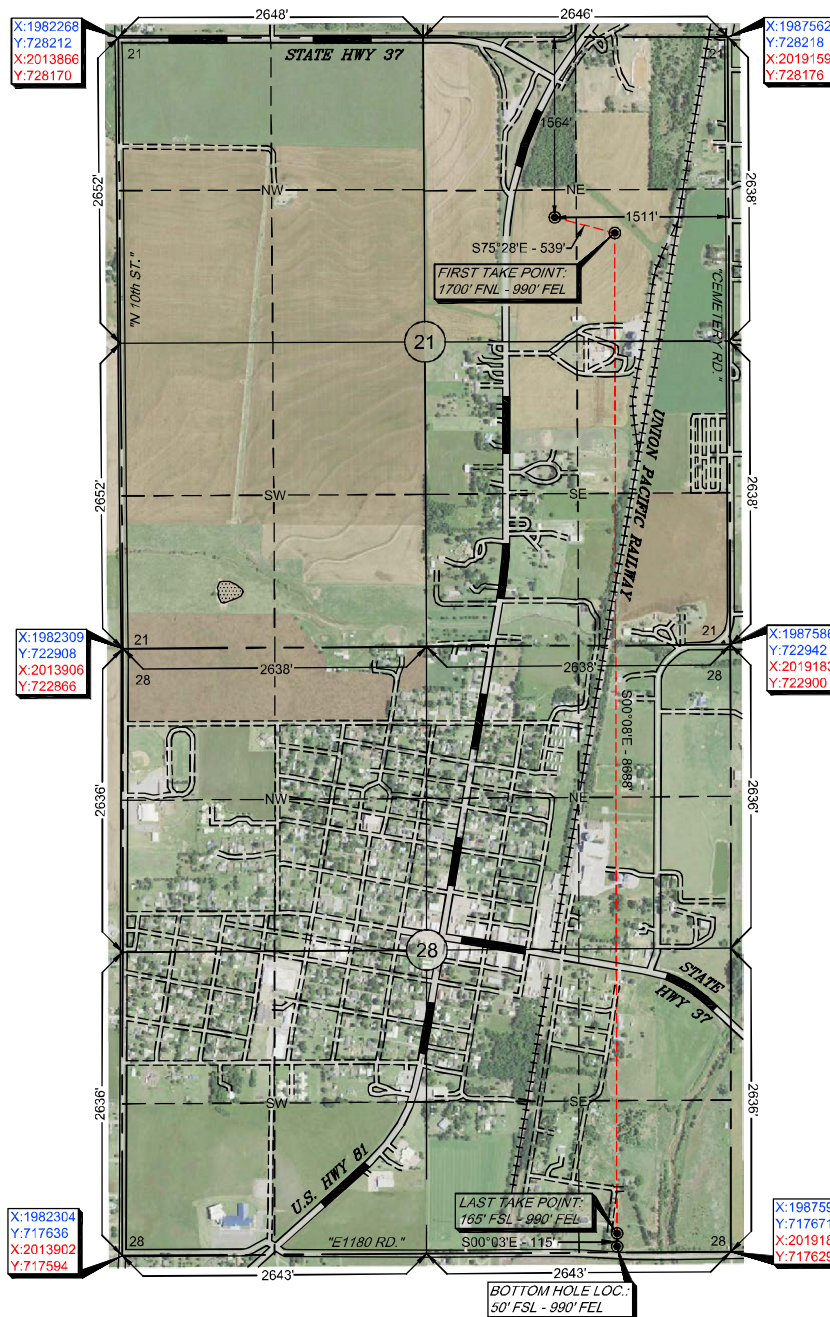
1" = 1320'

GPS DATUM

NAD 83

NAD 27

OK SOUTH ZONE



Surface Hole Loc.:
Lat: 35°19'47.88"N
Lon: 97°56'28.10"W
Lat: 35.32996733
Lon: -97.94114027
X: 1986058
Y: 726652

Surface Hole Loc.:
Lat: 35°19'47.67"N
Lon: 97°56'26.94"W
Lat: 35.32990862
Lon: -97.94081563
X: 2017655
Y: 726611

First Take Point:
Lat: 35°19'46.54"N
Lon: 97°56'21.81"W
Lat: 35.32959480
Lon: -97.93939177
X: 1986580
Y: 726217

First Take Point:
Lat: 35°19'46.33"N
Lon: 97°56'20.64"W
Lat: 35.32953606
Lon: -97.93906716
X: 2018177
Y: 726475

Last Take Point:
Lat: 35°18'20.62"N
Lon: 97°56'21.63"W
Lat: 35.30572702
Lon: -97.93934140
X: 1986600
Y: 717829

Last Take Point:
Lat: 35°18'20.40"N
Lon: 97°56'20.46"W
Lat: 35.30566748
Lon: -97.93901704
X: 2018197
Y: 717787

Bottom Hole Loc.:
Lat: 35°18'19.48"N
Lon: 97°56'21.63"W
Lat: 35.30541108
Lon: -97.93934131
X: 1986600
Y: 717714

Bottom Hole Loc.:
Lat: 35°18'19.27"N
Lon: 97°56'20.46"W
Lat: 35.30535153
Lon: -97.93901696
X: 2018197
Y: 717672

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

Invoice #8834-D-A

Date Staked: 11/20/19

By: B.A.

Date Drawn: 11/21/19

By: C.K.

Revise FTP: 11/26/19

By: J.H.

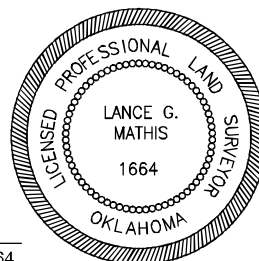
Certification:

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

11/26/19

OK LPLS 1664





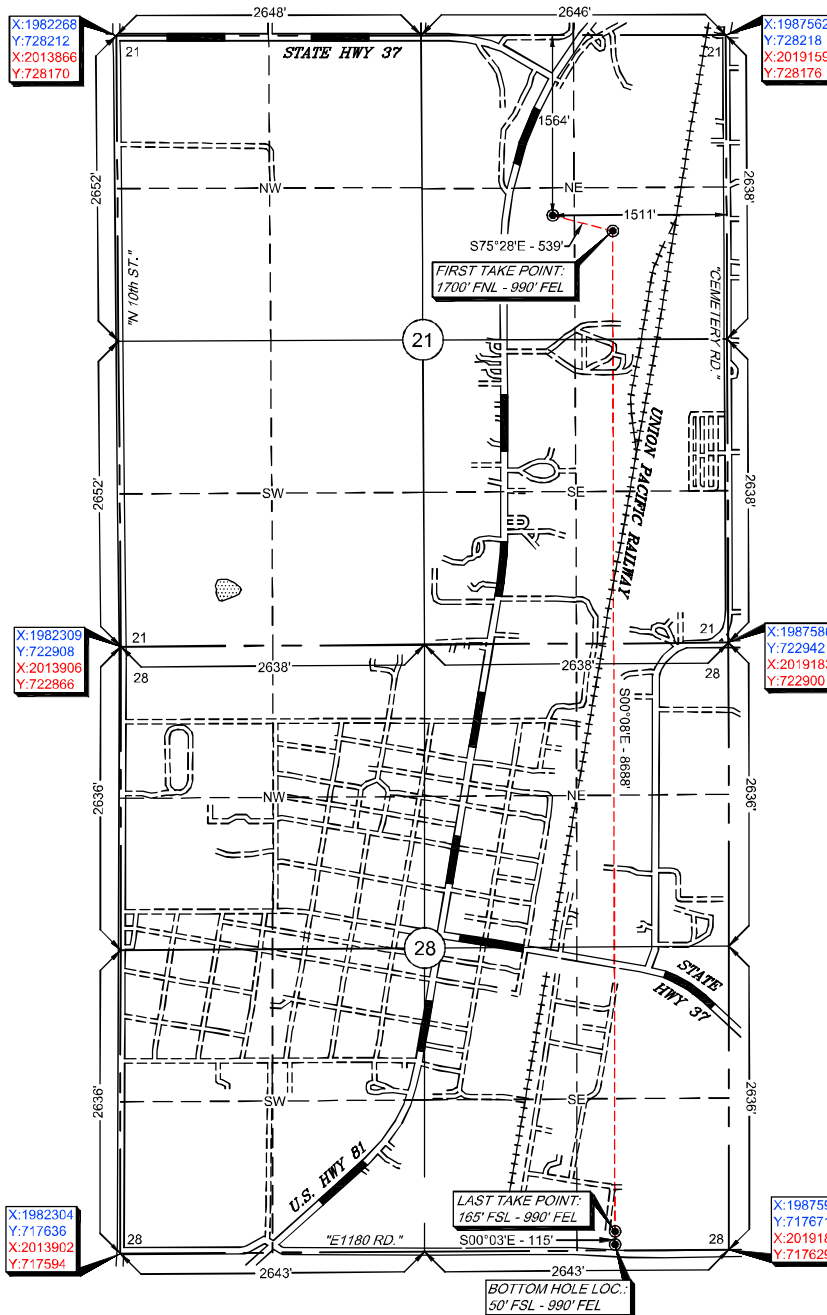
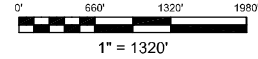
Well Location Plat

S.H.L. Sec. 21-10N-7W I.M.
B.H.L. Sec. 28-10N-7W I.M.

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