

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

API NUMBER: 017 25571

Approval Date: 12/10/2019

Expiration Date: 06/10/2021

Horizontal Hole Oil & Gas

PERMIT TO DRILL

WELL LOCATION: Sec: 31 Twp: 13N Rge: 7W

County: CANADIAN

SPOT LOCATION:

FEET FROM QUARTER: FROM SOUTH FROM EAST

SECTION LINES: 335 365

Lease Name: GERONIMO 1207

Well No: 6-5WH

Well will be 335 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

NORMA LEE HARDY 2002 IRV TRUST, LEE ANN H
PARKER, TSTEE
PO BOX 618
AZLE TX 76098

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

	Name	Depth	Name	Depth
1	MISSISSIPPIAN	9994	6	
2	WOODFORD	10322	7	
3			8	
4			9	
5			10	

Spacing Orders: 141057
665725

Location Exception Orders:

Increased Density Orders: 705849

Pending CD Numbers:

Special Orders:

Total Depth: 15656

Ground Elevation: 1336

Surface Casing: 1500

Depth to base of Treatable Water-Bearing FM: 300

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

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

PERMIT NO: 19-37110

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 ALLUVIAL

Pit Location Formation: ALLUVIUM

HORIZONTAL HOLE 1

Sec 06 Twp 12N Rge 7W County CANADIAN

Spot Location of End Point: SW SW SW SE

Feet From: SOUTH 1/4 Section Line: 50

Feet From: EAST 1/4 Section Line: 2375

Depth of Deviation: 9913

Radius of Turn: 470

Direction: 190

Total Length: 5005

Measured Total Depth: 15656

True Vertical Depth: 10651

End Point Location from Lease,
Unit, or Property Line: 50

Notes:

Category

Description

DEEP SURFACE CASING

12/2/2019 - 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

12/2/2019 - 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: 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

INCREASED DENSITY - 705849 (201904930)

12/10/2019 - GC2 - 6-12N-7W
X665725 WDFD
2 WELLS
NO OP. NAMED
12-3-2019

MEMO

12/2/2019 - G71 - PITS 1 & 2 - CLOSED SYSTEM=STEEL PITS (REQUIRED - NORTH CANADIAN RIVER), PIT 2 - OBM RETURNED TO VENDOR, CUTTINGS PERMITTED PER DISTRICT

SPACING - 141057

12/10/2019 - GC2 - (640) 6-12N-7W
EXT 124533 MSSP
EXT OTHERS
EST OTHER

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.

017 25571 GERONIMO 1207 6-5WH



Well Location Plat

S.H.L. Sec. 31-13N-7W I.M.

B.H.L. Sec. 6-12N-7W I.M.

Operator: CAMINO NATURAL RESOURCES, LLC

Lease Name and No.: GERONIMO 1207 6-5WH

Footage: 335' FSL - 365' FEL Gr. Elevation: 1336'

Section: 31 Township: 13N Range: 7W I.M.

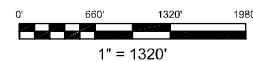
County: Canadian State of Oklahoma

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

API: 017-25571



All bearings shown
are grid bearings.



GPS DATUM

NAD 83

NAD 27

OK NORTH ZONE

Surface Hole Loc.:
Lat: 35°33'07.88"N
Lon: 97°58'41.68"W
Lat: 35.55218976
Lon: -97.97824471
X: 1974972
Y: 201008

Surface Hole Loc.:
Lat: 35°33'07.70"N
Lon: 97°58'40.50"W
Lat: 35.55213867
Lon: -97.97791672
X: 2006569
Y: 200985

First Take Point:
Lat: 35°33'02.95"N
Lon: 97°58'49.76"W
Lat: 35.55081884
Lon: -97.98048941
X: 1974304
Y: 200509

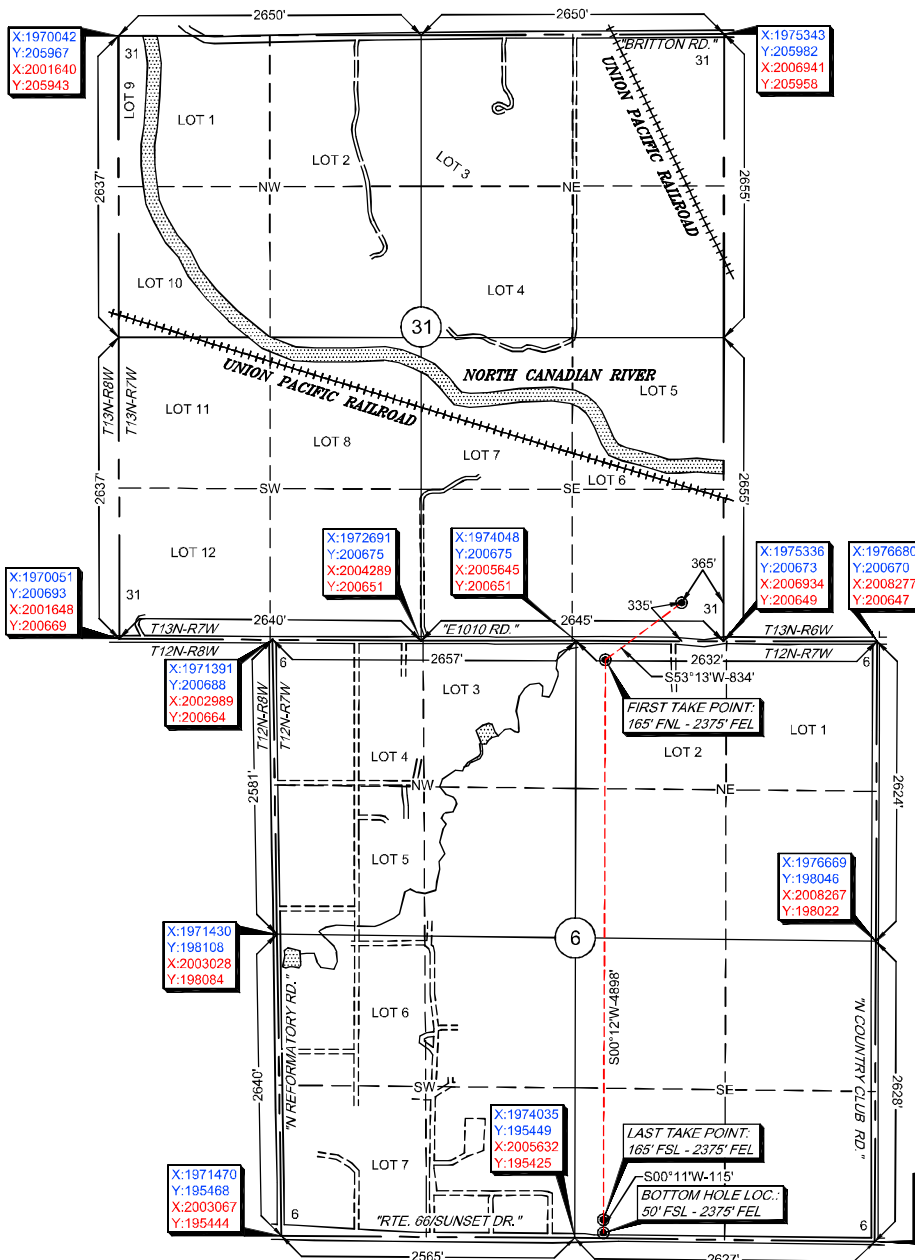
First Take Point:
Lat: 35°33'02.76"N
Lon: 97°58'48.58"W
Lat: 35.55076774
Lon: -97.98016137
X: 2005902
Y: 200485

Last Take Point:
Lat: 35°32'14.51"N
Lon: 97°58'49.98"W
Lat: 35.53736299
Lon: -97.98055031
X: 1974287
Y: 195611

Last Take Point:
Lat: 35°32'14.32"N
Lon: 97°58'48.80"W
Lat: 35.53731150
Lon: -97.98022244
X: 2005885
Y: 195587

Bottom Hole Loc.:
Lat: 35°32'13.37"N
Lon: 97°58'49.99"W
Lat: 35.53704705
Lon: -97.98055159
X: 1974287
Y: 195496

Bottom Hole Loc.:
Lat: 35°32'13.18"N
Lon: 97°58'48.81"W
Lat: 35.53699556
Lon: -97.98022373
X: 2005884
Y: 195472



-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 #8887-B-B

Date Staked: 10/10/19 By: J.W.

Date Drawn: 10/16/19 By: M.K.

Revised SHL: 11/12/19 By: C.K.

Revised SHL Loc.: 11/22/19 By: J.C.

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

11/22/19

OK LPLS 1664

