

**Antero Resources
Well No. Kramer 2H**

Antero Resources Corporation

Legend

- ⊙ Proposed gas well
- ⊗ Found corner, as noted
- ⊛ Existing Well, as noted
- ⊙ Digitized Well
- - - Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)



| ID | TM/Par | Owner | Bk/Pg | Acres |
|----|----------|-------------------------------------|---------|--------|
| 1 | 20/108 | Michael J. & Melinda R. Hogue | 348/404 | 192.00 |
| 2 | 26/46.6 | Camille Patera | 296/247 | 1.702 |
| 3 | 26/46.9 | Eugene B Jr & Carol A Johnson | 351/60 | 5.00 |
| 4 | 26/46.7 | Camille Patera | 296/247 | 7.32 |
| 5 | 26/46.2 | Robert E Lee II & Chasity L Pittman | 408/122 | 5.135 |
| 6 | 26/46.14 | Jay-Bee Production Company | 420/97 | 8.69 |
| 7 | 26/46.3 | Timothy Kanz | 440/24 | 5.4 |
| 8 | 26/46.12 | Charles R. & Bertha A. Holliday | 306/665 | 3.238 |
| 9 | 26/46.13 | Charles R. & Bertha A. Holliday | 306/665 | 5.94 |
| 10 | 26/46.22 | Eugene B. Johnson, Sr., et ux | 351/247 | 2.924 |
| 11 | 26/46.23 | Eugene B. Johnson, Sr., et ux | 351/247 | 3.598 |
| 12 | 26-46 | Jay-Bee Production Company | 420/97 | 286.04 |
| 13 | 26-46.1 | Darrell L. Shrader | 348/711 | 5.58 |
| 14 | 26-46.15 | Camille Patera | 296/247 | 3.722 |
| 15 | 20-107 | David L. & Kathy A. Lancaster | 314/344 | 18.89 |

6,640' to Top Hole

4,068' to Bottom Hole

LATITUDE 39 - 30 - 00

LONGITUDE 80 - 52 - 30

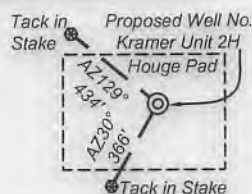
Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Kramer Unit 2H Top Hole coordinates are
N: 356,966.71' Latitude: 39°28'17.95"
E: 1,605,368.46' Longitude: 80°53'52.66"
Bottom Hole coordinates are
N: 356,513.17' Latitude: 39°28'13.86"
E: 1,607,939.64' Longitude: 80°53'19.79"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,369,132.274m N: 4,369,007.199m
E: 508,791.333m E: 509,576.956m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Notes:

Well No. Kramer Unit 2H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,333,680.70"
E: 1,669,212.13"
Bottom Hole Coordinates
N: 14,333,270.29"
E: 1,671,789.63"

Well Location References



Wellhead Layout

- ⊙ Proposed Well Kramer Unit 2H
- ⊙ Kramer Unit 1H
- ⊙ Lancaster Unit 3H
- ⊙ Lancaster Unit 2H
- ⊙ Lancaster Unit 1H
- ⊙ Fender Unit 3H
- ⊙ Fender Unit 2H
- ⊙ Fender Unit 1H

GRID NORTH

1/2" Rebar
Stone Block w/ Cross

Proposed Well No. Kramer 2H

Top Hole 7.5' Spot

Houge Drill Pad

3/4" Pipe

BTM Hole 7.5' Spot

James F. Doan, et ux Lease

James F. Doan, et ux Lease

Ridgetop Capital Lease
Kramer Unit 2H Bottom Hole

Note: 3 water well and 1 pond were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

Proposed Well Kramer 2H

Pond

Water Well

47-095-0864

Water Well

47-095-0704

Water Well

| | Bearing | Dist. |
|----|------------|----------|
| L1 | S 50°25' E | 1,405.2' |
| L2 | S 29°02' E | 1,516.0' |
| L3 | N 70°20' W | 881.6' |
| L4 | N 06°11' W | 1,483.0' |
| L5 | S 80°00' E | 2,610.9' |



SEAL

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Bradley D. Miller
Bradley D. Miller, P.S. 2167

FILE NO: 15-54-E-19

DRAWING NO: Kramer Unit 2H Well Plat

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY:
Submeter

PROVEN SOURCE OF ELEVATION:
WV DOT, Harrisville, WV

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION**

DATE: November 21 20 19

OPERATOR'S WELL NO. Kramer 2H

API WELL NO

47 - 095 - 02677

STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: Proposed 1,014.5' Existing 1,033' WATERSHED: Outlet Middle Island Creek QUADRANGLE: Middlebourne

DISTRICT: Ellsworth COUNTY: Tyler

SURFACE OWNER: Michael J. & Melinda R. Hogue ACREAGE: 192.0

ROYALTY OWNER: Michael J. & Melinda R. Hogue; James F. Doan, et ux (2); Ridgetop Capital LP; LEASE NO: ACREAGE: 310.393;

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 6,900' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 10,000' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System

ADDRESS: 1615 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313