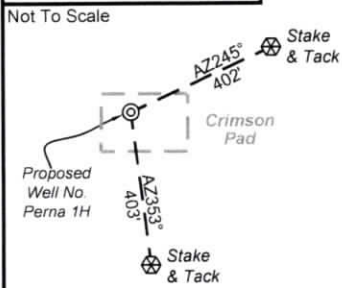


**Antero Resources
Well No. Perna 1H**

Antero Resources Corporation



Well Location References



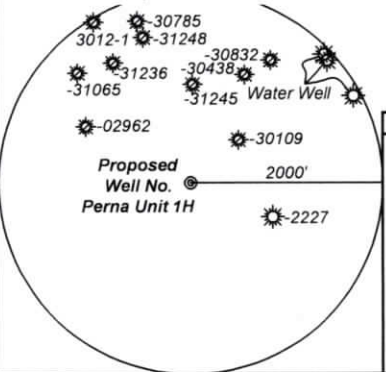
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



SEAL

Note: 3 water wells 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.



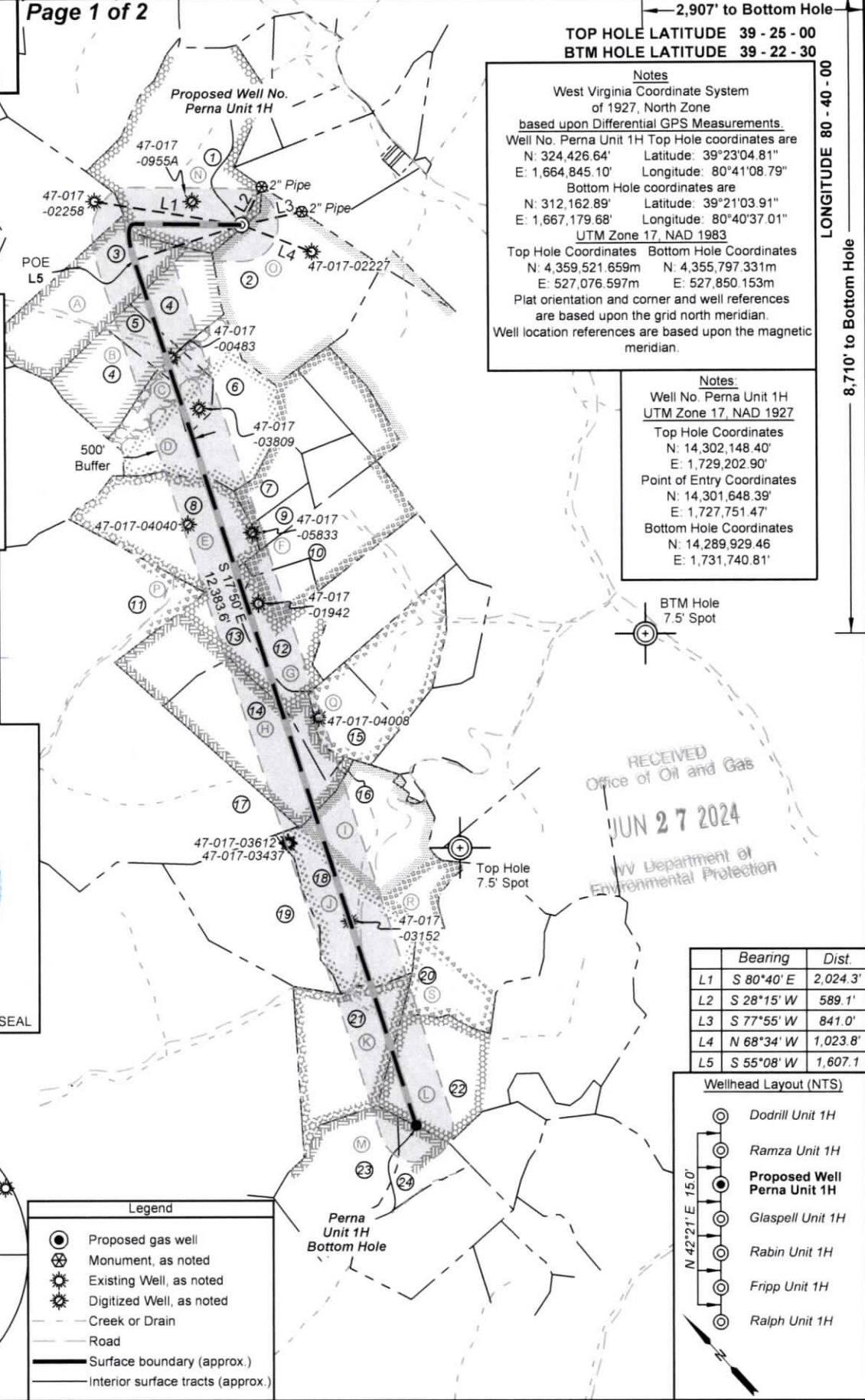
Legend

- Proposed gas well
- Monument, as noted
- Existing Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

5,401' to Top Hole
2,907' to Bottom Hole
TOP HOLE LATITUDE 39 - 25 - 00
BTM HOLE LATITUDE 39 - 22 - 30

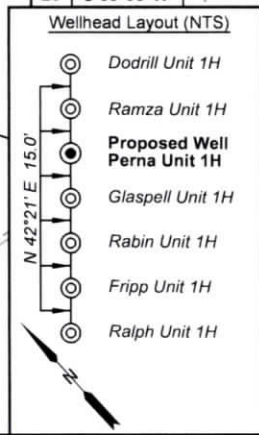
Notes
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Perna Unit 1H Top Hole coordinates are
N: 324,426.64' Latitude: 39°23'04.81"
E: 1,664,845.10' Longitude: 80°41'08.79"
Bottom Hole coordinates are
N: 312,162.89' Latitude: 39°21'03.91"
E: 1,667,179.68' Longitude: 80°40'37.01"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,359,521.659m N: 4,355,797.331m
E: 527,076.597m E: 527,850.153m
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. Perna Unit 1H UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,302,148.40'
E: 1,729,202.90'
Point of Entry Coordinates
N: 14,301,648.39'
E: 1,727,751.47'
Bottom Hole Coordinates
N: 14,289,929.46'
E: 1,731,740.81'



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| | Bearing | Dist. |
|----|------------|----------|
| L1 | S 80°40' E | 2,024.3' |
| L2 | S 28°15' W | 589.1' |
| L3 | S 77°55' W | 841.0' |
| L4 | N 68°34' W | 1,023.8' |
| L5 | S 55°08' W | 1,607.1' |



FILE NO: 260-30-M-23
DRAWING NO: Perna 1H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Harrisville, WV

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

DATE: April 25 2024
OPERATOR'S WELL NO. Perna 1H
API WELL NO
47 - 017 - 06982
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Proposed: 1,222' Existing: 1,249' WATERSHED: McElroy Creek QUADRANGLE: Center Point
DISTRICT: McClellan Shawn A. COUNTY: Doddridge
SURFACE OWNER: Glaspell ACREAGE: 100
ROYALTY OWNER: Minda Allen LEASE NO: ACREAGE: 100
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,700' TVD 22,400' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Kevin Ellis
ADDRESS: 1615 Wynkoop Street ADDRESS: 535 White Oaks Blvd.
Denver, CO 80202 Bridgeport, WV 26330

LONGITUDE 80 - 40 - 00

8,710' to Bottom Hole

11,655' to Top Hole

07/19/2024

Antero Resources Corporation



| Leases | |
|--------|---------------------------------------|
| A | Thomas H. Downs |
| B | Robert O. Hopkins |
| C | Arthur G. Doak, et al |
| D | Arthur G. Doak, et ux |
| E | Kathleen E. Davis, et al |
| F | Shawn Giaspell |
| G | A.H. Low, et ux |
| H | CNX Gas Company, LLC |
| I | Cliff Wilson & Opal Wilson |
| J | Brenda V. Ney |
| K | Margaret J. & Martha A. McMillan |
| L | Mary A. Murphy Simons |
| M | Stanley Gain, et al |
| N | Minda Allen |
| O | Morris Mountaineer Oil & Gas LLC |
| P | Herbert Doak, et al |
| Q | CNX Gas Company, LLC |
| R | Brian A. Moreno & Diane P. Blanchette |
| S | Romona L. Clauson |

| ID | TM-Par | Owner | Bk/Pg | Acres |
|----|---------|--|----------|--------|
| 1 | 17-3.3 | Shawn A. Giaspell | 283/601 | 100.00 |
| 2 | 17-3.2 | Shawn A. Giaspell | 283/601 | 135.00 |
| 3 | 17-13 | Shawn A. Giaspell | 468/444 | 65.00 |
| 4 | 17-16 | Faith L. Fry | 238/167 | 36.84 |
| 5 | 17-18.1 | Faith L. & Michael Fry | 342/340 | 19.50 |
| 6 | 17-18 | Faith L. Fry | 238/167 | 80.14 |
| 7 | 17-19 | Shawn A. Giaspell | 372/215 | 13.82 |
| 8 | 6-6 | Duaine Doak, et al | WB31/416 | 50.00 |
| 9 | 17-25 | Shawn A. Giaspell | 372/215 | 7.89 |
| 10 | 17-21 | Patrick M. MacMillan | 379/615 | 30.69 |
| 11 | 3-2 | Ryan Thomas Nissel | 372/405 | 54.63 |
| 12 | 22-1 | Donald V. Sandstrom | 266/650 | 34.63 |
| 13 | 6-11.1 | Danny R. & Joyce A. Groover | 301/149 | 44.94 |
| 14 | 6-11 | Danny R. & Joyce A. Groover | 301/149 | 47.30 |
| 15 | 22-3.1 | George D. Payton & Donald V. Sandstrom | 236/354 | 24.11 |
| 16 | 6-11.2 | Danny R. & Joyce A. Droover | 301/149 | 0.64 |
| 17 | 6-10 | Margot Beth Crowder | 305/722 | 218.61 |
| 18 | 6-16 | Brian A. Moreno & Diane P. Blanchette | 389/382 | 104.80 |
| 19 | 6-23.1 | Coastal Forest Resources Co. | 260/135 | 52.00 |
| 20 | 6-17 | Clyde M. Ford III | 234/474 | 65.6 |
| 21 | 6-23 | Werner F. Blei | 272/340 | 52.50 |
| 22 | 7-1 | Steven M. & Mary Ellen Perna | 286/506 | 132.54 |
| 23 | 9-5.1 | Josephine J. Donnahoe | WB31/4 | 48.75 |
| 24 | 9-6 | Josephine J. Donnahoe | WB31/4 | 17.00 |

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