

6,337' to Top Hole

LONGITUDE 80 - 45 - 00

11,919' to Top Hole

Antero Resources  
Well No. Orchard 5H

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.)

	Bearing	Dist.
L1	S 32°02' E	2,197.1'
L2	S 01°08' E	835.0'
L3	N 14°27' E	2,500.8'
L4	N 33°46' E	2,329.6'

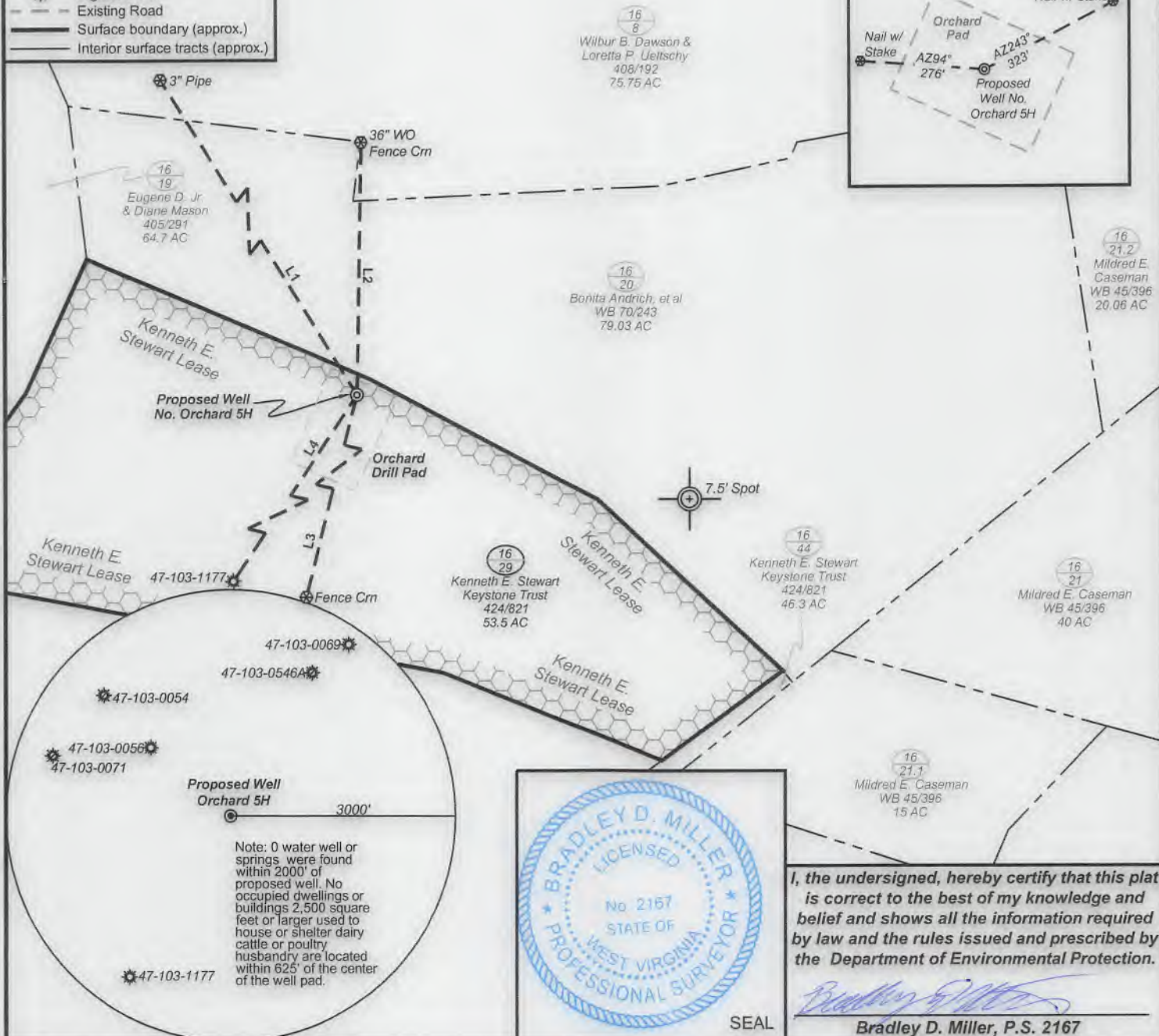
LATITUDE 39 - 35 - 00

Notes:  
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
 Well No. Orchard 5H coordinates are  
 N: 385,105.34'      Latitude: 39°33'01.33"  
 E: 1,641,362.80'      Longitude: 80°46'18.78"  
 UTM Zone 17, NAD 1983  
 Top Hole Coordinates  
 N: 4,377,888.235m  
 E: 519,614.246m  
 UTM Zone 17, NAD 1927  
 Top Hole Coordinates  
 N: 14,362,406.45'  
 E: 1,704,719.68'

Plat orientation and corner and well references are based upon the grid north meridian.  
 Well location references are based upon the magnetic meridian.

Well Location References

Not To Scale



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: 118-34-G-18  
 DRAWING NO: Orchard 5H Well Plat  
 SCALE: 1" = 500'  
 MINIMUM DEGREE OF ACCURACY: Submeter  
 PROVEN SOURCE OF ELEVATION: CORS < Monroe County, OH

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

DATE: January 9 2020  
 OPERATOR'S WELL NO. Orchard 5H  
 API WELL NO. 47-103-03338  
 STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
 (IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
 LOCATION: ELEVATION: Existing 1,280' Proposed 1,256' WATERSHED: Fishing Creek QUADRANGLE: Porter Falls  
 DISTRICT: Green COUNTY: Wetzel ACREAGE: 53.50  
 SURFACE OWNER: Kenneth E. Stewart Keystone Trust ROYALTY OWNER: Kenneth E. Stewart LEASE NO: ACREAGE: 53.5  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,500' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,500 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