

1,914' to Top Hole

LATITUDE 39 - 12 - 30

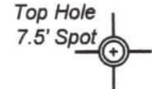
LONGITUDE 80 - 30 - 00

Antero Resources
Well No. Calkins 1H
As-Drilled
Antero Resources Corporation

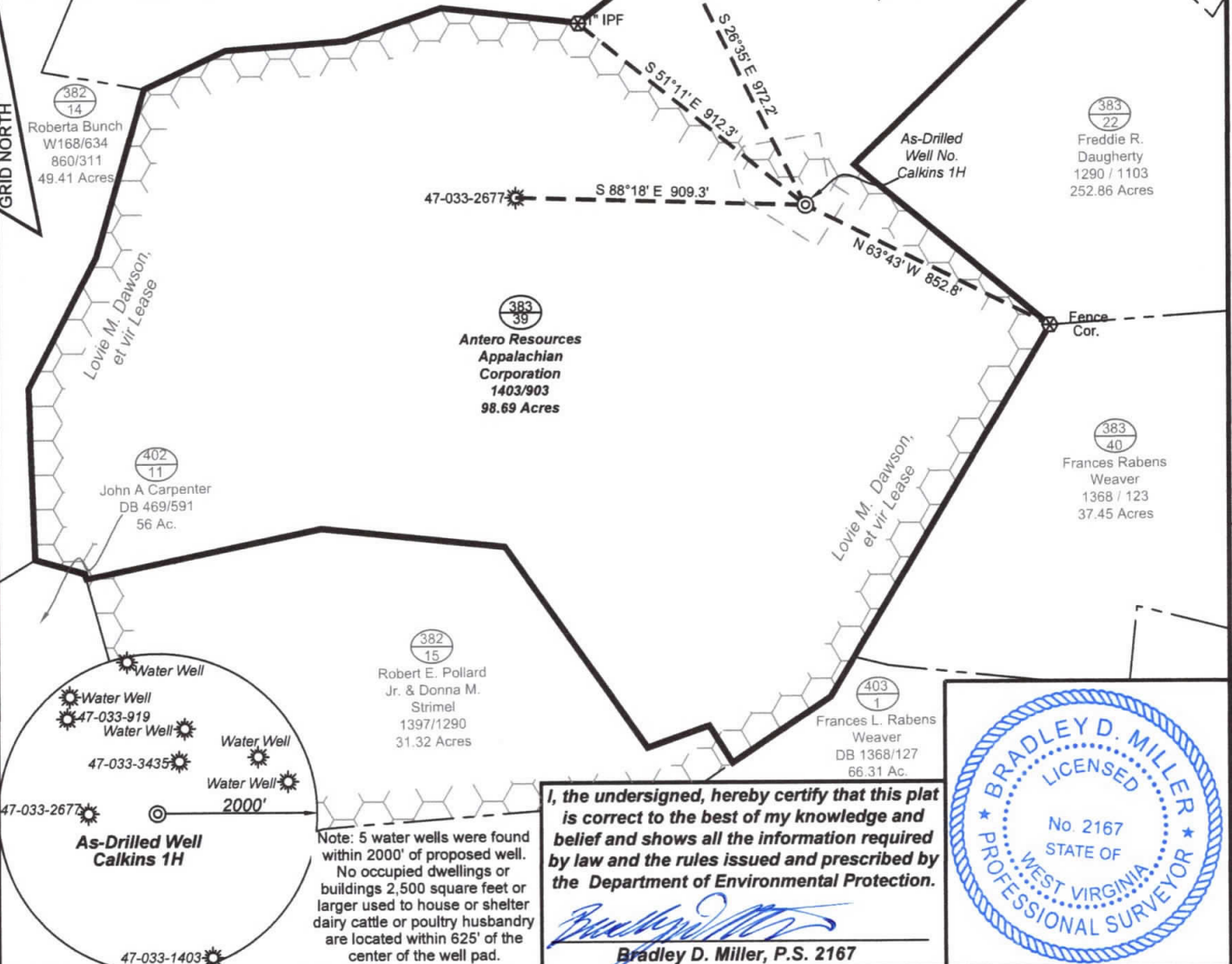
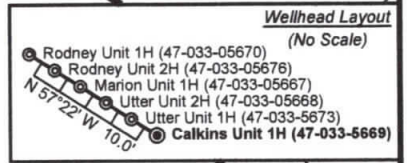


Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Calkins 1H coordinates are
N: 255,552.63' Latitude: 39°11'50.11"
E: 1,714,677.14' Longitude: 80°30'24.32"
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 4,338,792.318m
E: 542,608.007m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Top Hole Coordinates, As-drilled data, and information was provided by Antero Resources Corporation. Allegheny Surveys Inc. (ASI) is not certifying the data and information provided. ASI is not responsible for any errors or inaccuracies with the data and information that has been provided.

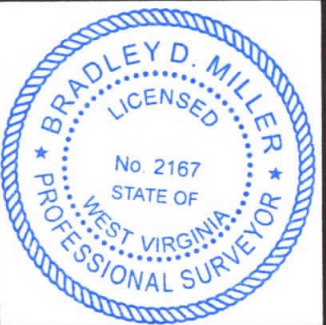


- Legend**
- ⊙ Proposed gas well
 - ⊗ Found corner, as noted
 - ☀ Existing Well, as noted
 - ☀ Digitized Well
 - Existing Road
 - Surface boundary (approx.)
 - - - Interior surface tracts (approx.)



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: 198-36-U-12
DRAWING NO: Calkins 1H As-Drilled
SCALE: 1" = 500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: June 3 2020
OPERATOR'S WELL NO. Calkins 1H
API WELL NO
47 - 033 - 5669
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: As-Built 1,358 WATERSHED: Middle West Fork Creek QUADRANGLE: Big Issac
DISTRICT: Union COUNTY: Harrison

SURFACE OWNER: Antero Resources Appalachian Corp. ACREAGE: 98.69
ROYALTY OWNER: Lovie M. Dawson, et vir LEASE NO: _____ ACREAGE: 139

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 40' TVD
40' 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