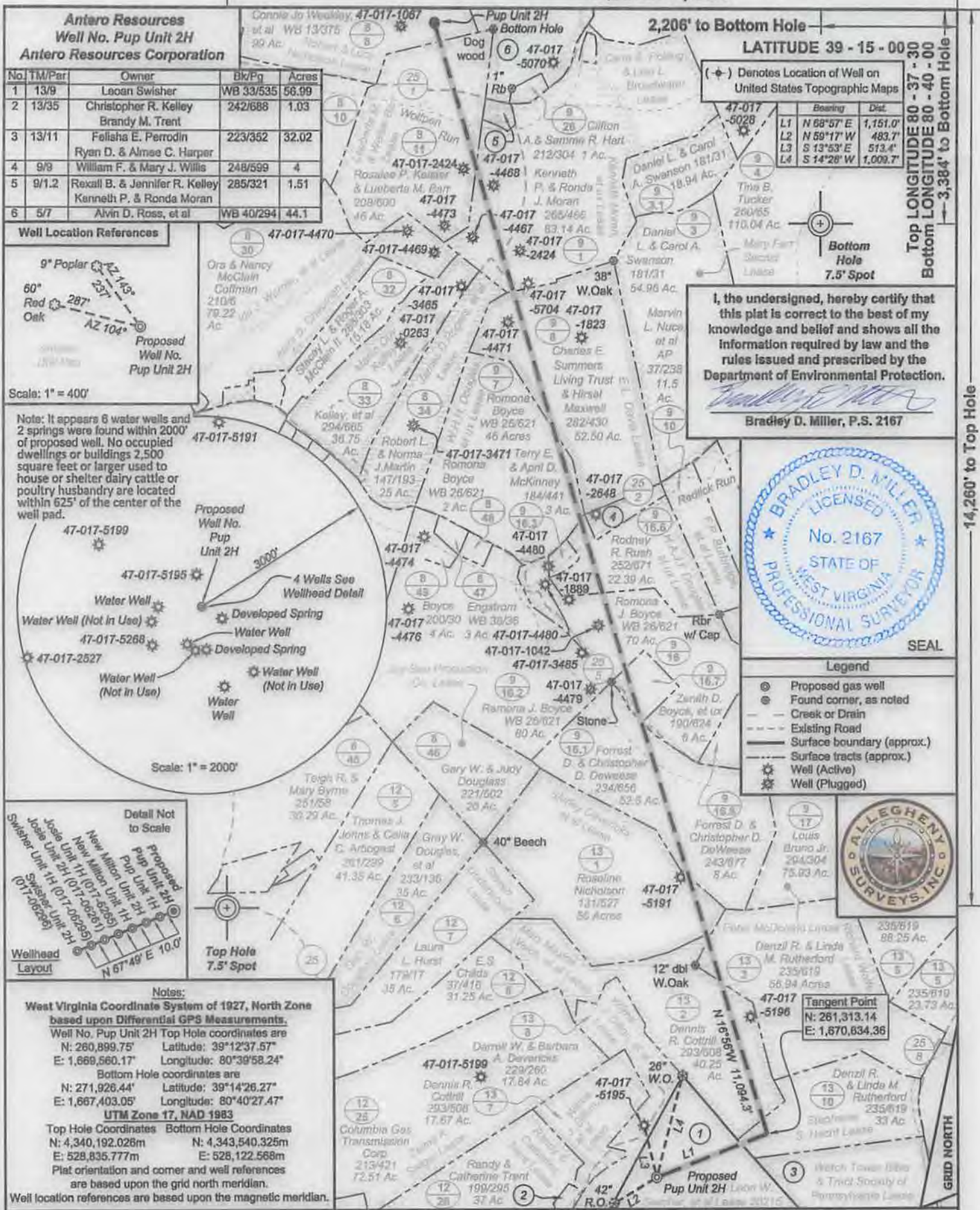


11,848' to Top Hole

2,206' to Bottom Hole

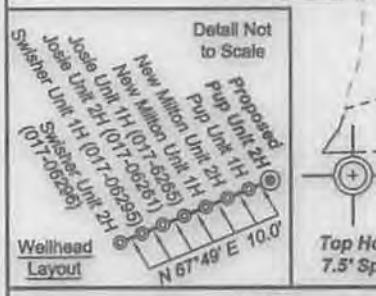
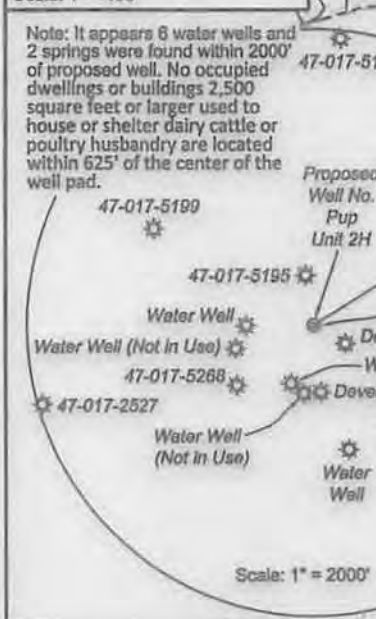
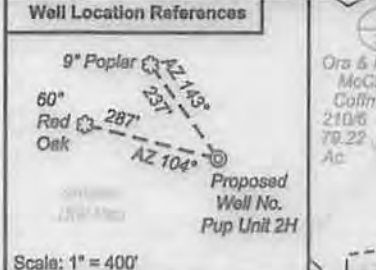
LATITUDE 39 - 15 - 00

Top LONGITUDE 80 - 37 - 30
Bottom LONGITUDE 80 - 40 - 00
3,384' to Bottom Hole



**Antero Resources
Well No. Pup Unit 2H
Antero Resources Corporation**

No.	TM/Par	Owner	Bk/Pg	Acres
1	13/9	Leona Swisher	WB 33/535	56.99
2	13/35	Christopher R. Kelley Brandy M. Trent	242/688	1.03
3	13/11	Felisha E. Perrodin Ryan D. & Almee C. Harper	223/362	32.02
4	9/9	William F. & Mary J. Willis	248/599	4
5	9/1.2	Rexall B. & Jennifer R. Kelley Kenneth P. & Ronda Moran	285/321	1.51
6	5/7	Alvin D. Ross, et al	WB 40/294	44.1



Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Pup Unit 2H Top Hole coordinates are
N: 260,899.75' Latitude: 39°12'37.57"
E: 1,669,560.17' Longitude: 80°39'58.24"
Bottom Hole coordinates are
N: 271,926.44' Latitude: 39°14'26.27"
E: 1,667,403.05' Longitude: 80°40'27.47"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,340,192.026m N: 4,343,540.325m
E: 528,836.777m E: 528,122.568m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

(+) Denotes Location of Well on United States Topographic Maps

Bearing	Dist.
L1 N 68°57' E	1,161.0'
L2 N 59°17' W	483.7'
L3 S 13°53' E	513.4'
L4 S 14°28' W	1,009.7'

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



Legend

- ⊙ Proposed gas well
- ⊙ Found corner, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Surface tracts (approx.)
- ⊙ Well (Active)
- ⊙ Well (Plugged)



FILE NO: 86-30-NM-13
DRAWING NO: 86-13 Pup 2H Well Plat
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

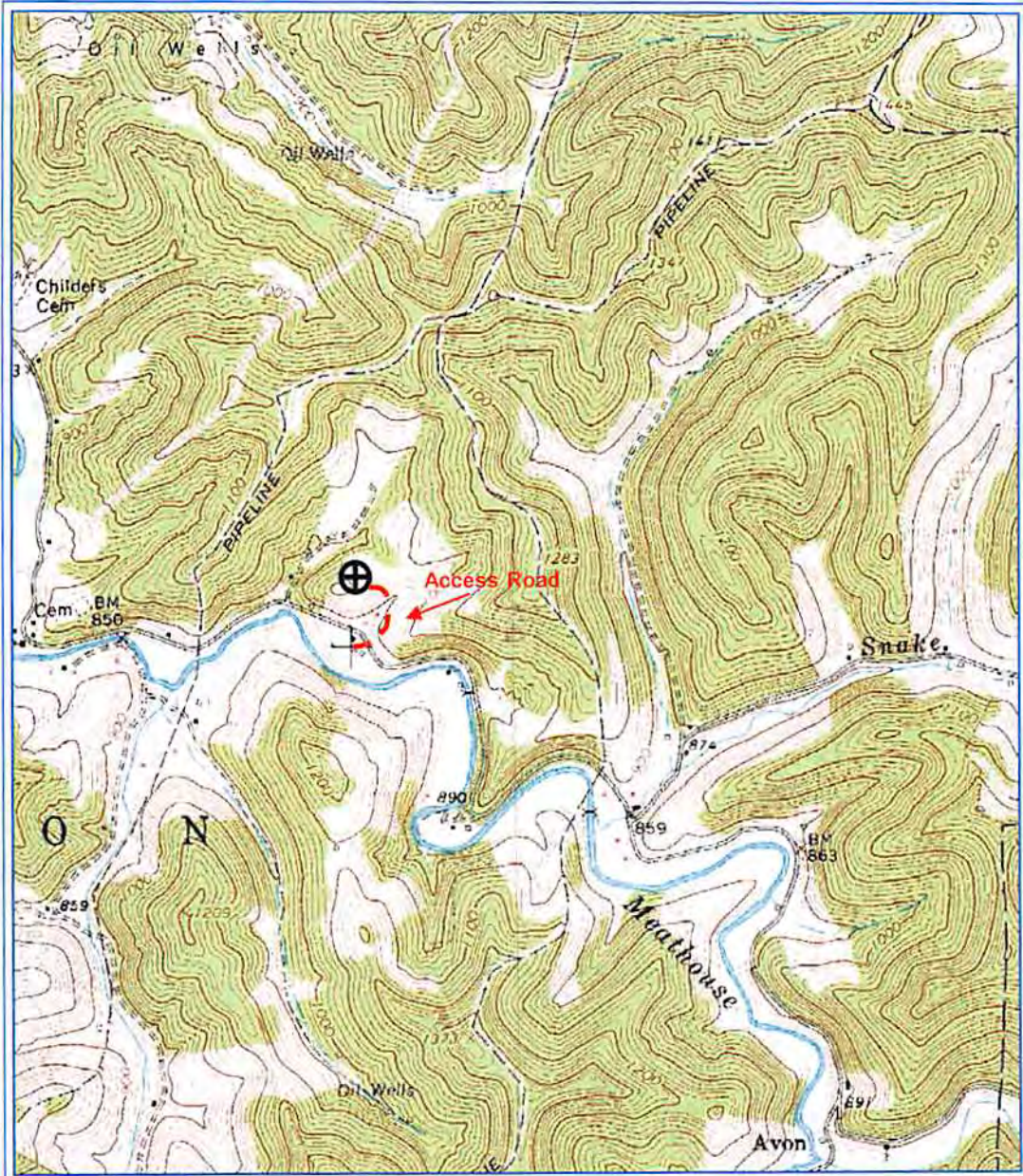
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: July 10 20 14
OPERATOR'S WELL NO. Pup Unit 2H
API WELL NO. H604
47 - 017 - 06558
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 976' WATERSHED: Meathouse Fork QUADRANGLE: New Milton
DISTRICT: New Milton COUNTY: Doddridge
SURFACE OWNER: Leona Swisher Robert & Lucy Nicholson; Shirley Devericks, et al; Richard Wolfe; Stephanie S. Hecht; H.A.J.F. Douglas, et ux; Kenneth Moran, et ux, E.L. Davis; W.H.H. Douglas, et ux
ROYALTY OWNER: Leona W. Swisher, et al; Mary Maxine Welch, et al; Lueberta M. & Walter Barr; LEASE NO: 20215 ACREAGE: 56.99 52.5; 83.14; 100; 56.99; 77.32; 57; ACREAGE: 46; 51; 29.586; 218;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,200' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,800' 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

09/26/2014



PETRA 3/19/2013 1:04:09 PM

Antero Resources

Appalachian Basin

Pup Unit 2H

Doddridge County

Ratio Scale = 1 : 24,000



RECEIVED
Office of Oil and Gas

REMARKS
 Quadrangle: New Milton
 Watershed: Meathouse Fork
 District: New Milton

JUL 16 2014

WV Department of
Environmental Protection

By: TRO