

10,398' to Bottom Hole

4,665' to Top Hole

TOP HOLE LATITUDE 39 - 32 - 30
BTM HOLE LATITUDE 39 - 35 - 00

TOP HOLE LONGITUDE 80 - 42 - 30
BTM HOLE LONGITUDE 80 - 42 - 30
5,597' to Top Hole
11,076' to Bottom Hole

Antero Resources
Well No. Ryland Unit 1H
Antero Resources Corporation

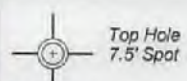
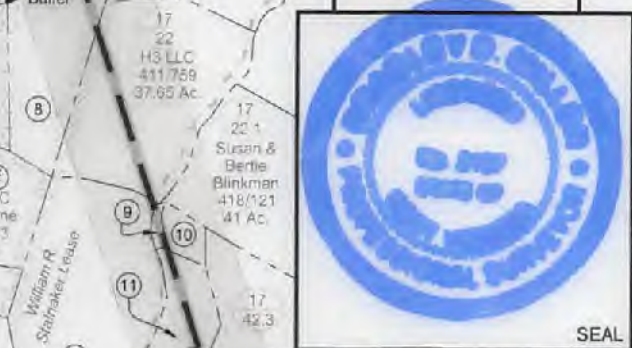
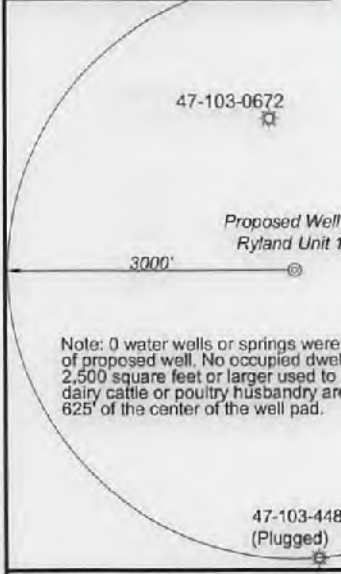
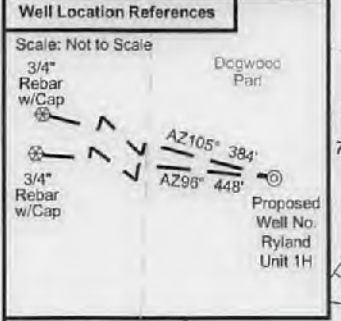
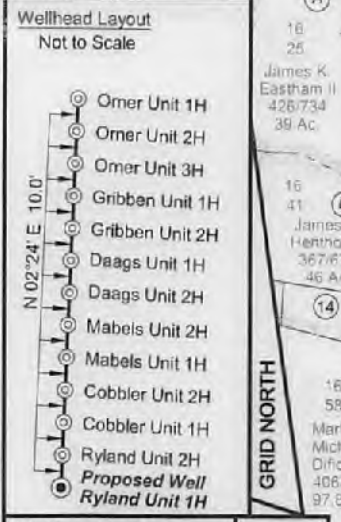
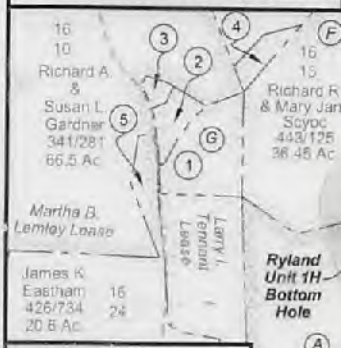
	Bearing	Dist.
L1	S 09°15' E	1,644.4'
L2	S 20°31' W	1,905.2'
L3	N 76°42' W	897.8'
L4	N 20°00' W	1,226.1'
L5	S 71°56' W	2,261.6'

Legend

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

Notes:
Well No. Ryland Unit 1H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,353,617.80'
E: 1,718,074.07'
Point of Entry Coordinates
N: 14,352,880.76'
E: 1,715,936.70'
Bottom Hole Coordinates
N: 14,363,215.98'
E: 1,712,366.80'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Ryland Unit 1H Top Hole coordinates are
N: 376,091.99' Latitude: 39°31'34.06"
E: 1,654,573.08' Longitude: 80°43'28.58"
Bottom Hole coordinates are
N: 385,787.01' Latitude: 39°33'09.13"
E: 1,649,044.95' Longitude: 80°44'40.83"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,375,209.531m N: 4,378,135.042m
E: 523,684.611m E: 521,951.212m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



TM/Par	Owner	Bk/Pg	Acres
1 16-14	James K. Eastham	389 / 506	9.20
2 16-11	James K. Eastham	300 / 428	2.84
3 16-11.1	Donna M. Mierwald	355 / 283	0.84
4 16-13	Richard R. & Mary J. Scyoc	443 / 125	2.30
5 16-10.1	Jane K. Eastham	389 / 506	3.05
6 17-15.1	Michael & Tammy Lemasters	277 / 195	12.41
7 17-23	Perry Bucher	411 / 753	40.10
8 16-26	James K. Eastham II	426 / 734	47.50
9 17-42	George Cain	372 / 388	0.63
10 17-42.1	Robert & Connie Haught	416 / 373	2.63
11 17-42.2	William & Missy Satterfield	387 / 389	13.49
12 17-43.1	Robert & Phyllis Cross	443 / 205	5.00
13 16-49	George D. Cain	372 / 388	41.30
14 16-48	George D. Cain	372 / 388	5.30
15 20-1	Paul E. & Janet K. Tracy	428 / 254	3.15
16 19-9	Paul E. & Janet K. Tracy	385 / 56	13.20
17 19-19	Paul E. & Janet K. Tracy	428 / 254	21.20
18 19-20	Paul E. & Janet K. Tracy	428 / 254	11.40
19 20-3	Higgins Cemetery	— / —	0.28
20 20-8.1	Josh Wright	WB75 / 551	42.00
21 20-9.1	George David Sell	372 / 705	5.00
22 20-2	George David Sell	351 / 473	10.00
23 20-12.1	Kelly R. R. Moore & Shelley L. R. Schamp	423 / 4	3.10

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



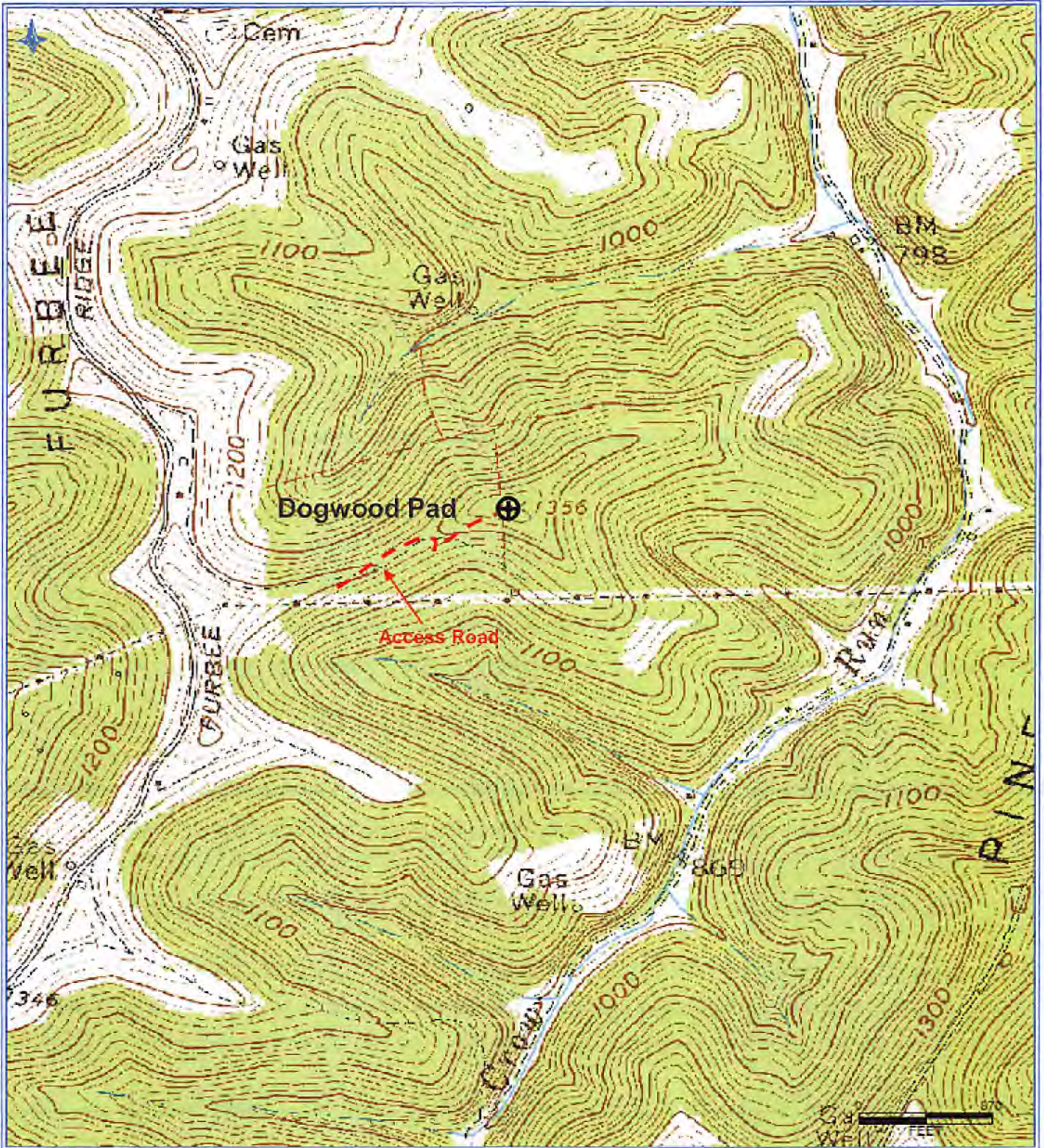
FILE NO: 278-34-G-17
DRAWING NO: Ryland 1H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Monroe County, OH

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

DATE: January 10 2018
OPERATOR'S WELL NO. Ryland Unit 1H
API WELL NO
47 - 103 - 03215
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: Existing 1340' Proposed 1309' WATERSHED: Fishing Creek QUADRANGLE: Pine Grove 23; 100; 68,9563;
DISTRICT: Green Waco Oil & Gas Company Inc.; Terry Bartrug; COUNTY: Wetzel 05/18/2018
SURFACE OWNER: Dallison Lumber Inc. Sandra Rose Conley; William R. Stalnaker; ACREAGE: 208 47.5; 92.904;
ROYALTY OWNER: BRC Appalachian Minerals I, LLC (3); Betty Jean Fournery; LEASE NO: ACREAGE: 3.096; 137.9125 89; 81.5; 53;
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ 7,400' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,900' MD

WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1815 Wynkoop Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313



Antero Resources Corporation
 Appalachian Basin
 Ryland Unit 1H
 Wetzel County

Quadrangle: Pine Grove
 Watershed: Fishing Creek
 District: Green
 Date: 1-25-2018

RECEIVED
 Office of Oil and Gas
 JAN 30 2018
 WV Department of
 Environmental Protection

05/18/2018