Antero Resources
Well No. Hildred Unit 1H
As-Drilled Plat
Antero Resources Corporation

9,989' to Bottom Hole

3,546' to Top Hole

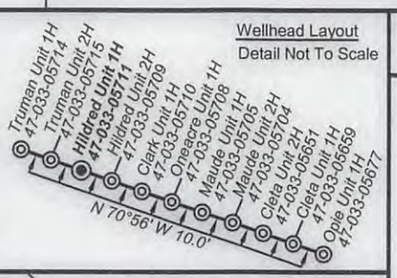
LATITUDE 39 - 15 - 00

LONGITUDE 80 - 32 - 30

10,018' to Top Hole

5,130' to Bottom Hole

Wellhead Layout
Detail Not To Scale



Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well No. Hildred Unit 1H Top Hole coordinates are
N: 264,857.14 Latitude: 39°13'20.58"
E: 1,701,460.04 Longitude: 80°33'13.58"
Bottom Hole coordinates are
N: 269,745.59 Latitude: 39°14'08.14"
E: 1,695,016.78 Longitude: 80°34'36.19"

UTM Zone 17, NAD 1983

Top Hole Coordinates:	Bottom Hole Coordinates:
N: 4,341,559.802m	N: 4,343,016.329m
E: 538,534.100m	E: 536,546.297m

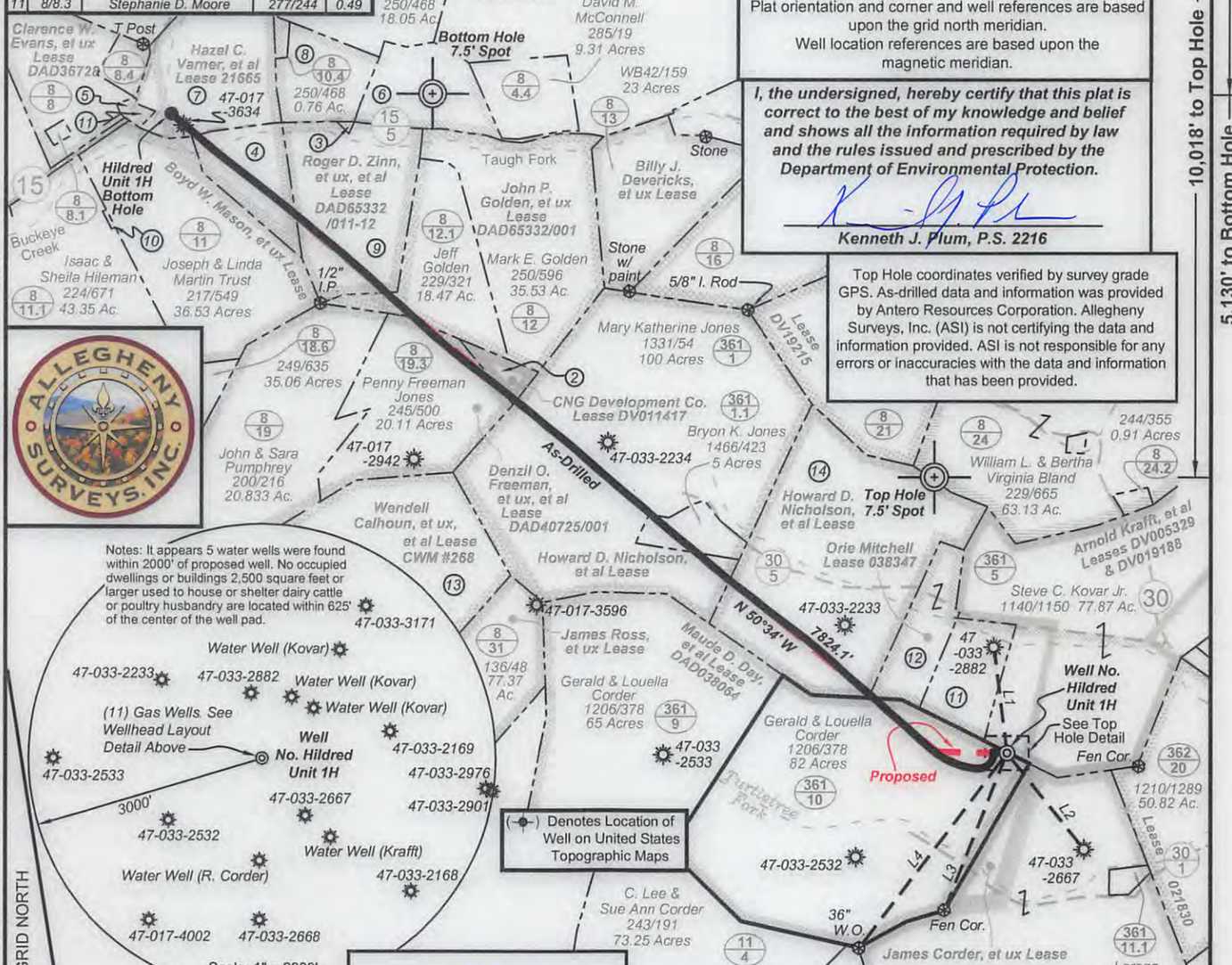
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

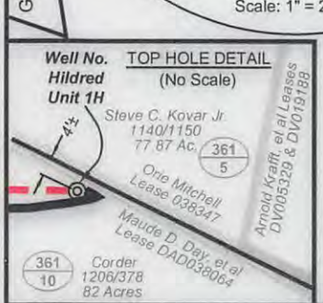
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Kenneth J. Plum, P.S. 2216

Top Hole coordinates verified by survey grade GPS. 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.

Tax Map Parcel Owners				
	TM/Par	Owner	DB/Pg	Acres
1	8/13	Lucille Devericks Billy J. Devericks	WB42/159	23.0
2	8/20	Penny Freeman Jones	245/500	2.21
3	8/10.5	Butterfly Evolution Trust	250/468	0.41
4	8/10.2	Butterfly Evolution Trust	250/468	11.5
5	8/8.2	Zak S. Henry	287/209	0.34
6	8/10.1	Barbara Ann Templeton	206/575	12.67
7	8/9	Jonell L. Carver	265/418	21.7
8	8/10.6	Butterfly Evolution Trust	250/468	10.66
9	8/10.3	Butterfly Evolution Trust	250/468	27.8
10	8/11.11	Joseph & Linda MartinTrust	217/549	0.11
11	8/8.3	Stephanie D. Moore	277/244	0.49





KENNETH J. PLUM LICENSED No. 2216 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
SEAL

Tax Map Parcel Owners				
	TM/Par	Owner	DB/Pg	Acres
11	361/4	Lucille Devericks	WB167/23	9.84
12	361/3	Lucille Devericks	WB167/23	9.70
13	8/28	John K. Davis	177/722	67.69
14	361/2	Lucille Devericks	WB167/23	59.107

Legend

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

Line	Bearing	Distance
L1	S 07°15' E	819.4'
L2	N 38°44' W	943.7'
L3	N 21°54' E	1296.7'
L4	N 37°20' E	1880.2'

FILE NO: 232-30-G-12
DRAWING NO: As-Drilled Hildred 1H
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: March 2 2017
OPERATOR'S WELL NO. Hildred Unit 1H

API WELL NO:
47 - 033 - 05711 F
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: Existing Grade - 1405' / Original Grade - 1416' WATERSHED: Tenmile Creek QUADRANGLE: Big Isaac

08/04/2017

DISTRICT: Union COUNTY: Harrison

SURFACE OWNER: Gerald & Louella Corder (Denzil O. Freeman, et ux, et al; Hazel C. Varner, et al; John P. Golden, et ux; Roger D. Zinn, et ux, et al; CNG Development Co.;) ACREAGE: 82

ROYALTY OWNER: Maude D. Day, et al; Orie Mitchell; Howard D. Nicholson, et al (2) LEASE NO: DAD40725/001; 21665 20-361-2; DV011417 DAD65332/011-12 20-361-1.1; DAD65332/001 DAD038064; 038347 ACREAGE: 31.5; 76 54; 27.95; 2.33 147; 48.69; 59; 165

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 DEPTH: TVD 7,490' MD 15,328'

WELL OPERATOR: Antero Resources Corporation
ADDRESS: 1615 Wynkoop Street, Denver, CO 80202

DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 5400 D Big Tyler Road, Charleston, WV 25313