

7,447' to Bottom Hole

9,914' to Top Hole

LATITUDE 39 - 15 - 00

LONGITUDE 80 - 32 - 30

Antero Resources
Well No. Pauline Unit 2H
Antero Resources Corporation



Legend

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

(+) Denotes location of well on United States topographic maps

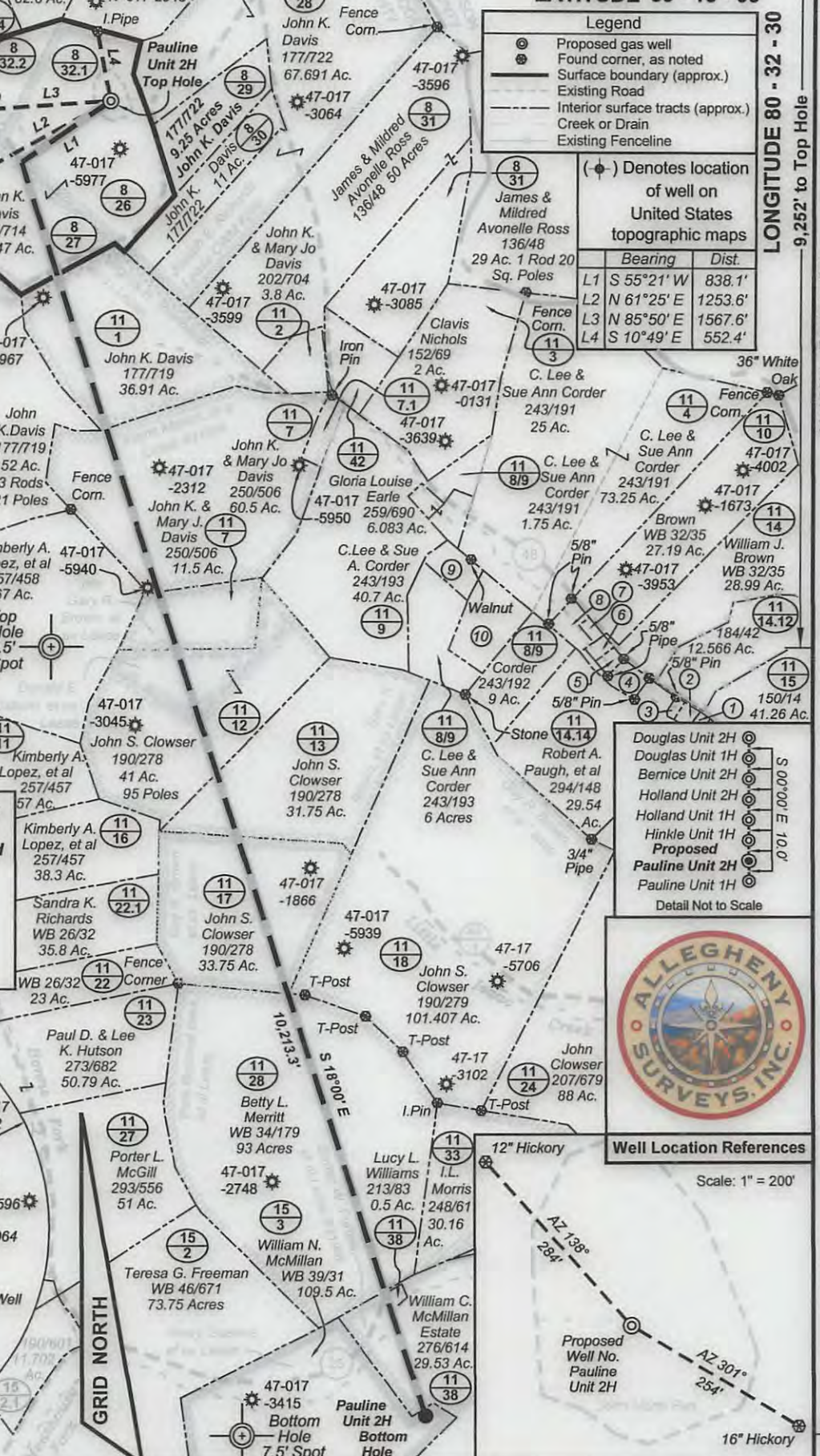
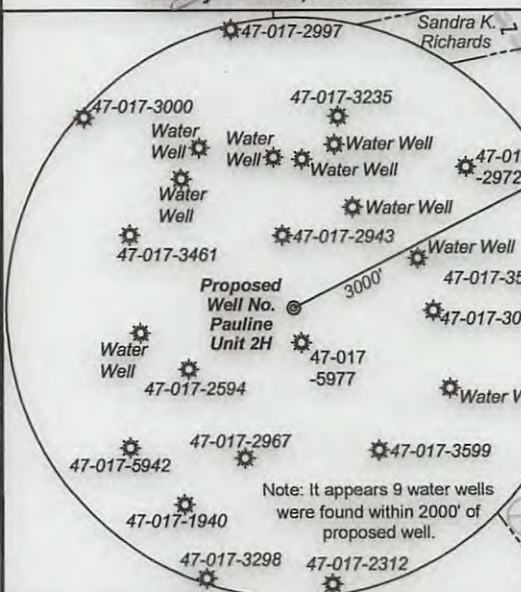
Bearing	Dist.
L1 S 55°21' W	838.1'
L2 N 61°25' E	1253.6'
L3 N 85°50' E	1567.6'
L4 S 10°49' E	552.4'

Notes:
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Well No. Pauline Unit 2H Top Hole coordinates are N: 265,622.97' Latitude: 39°13'27.40" E: 1,695,092.40' Longitude: 80°34'34.60"
Bottom Hole coordinates are N: 255,432.92' Latitude: 39°11'46.98" E: 1,697,559.08' Longitude: 80°34'01.72"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,341,760.751m N: 4,338,668.881m
E: 536,590.275m E: 537,393.511m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.

Par.	Tax Map 11 Owner	Bk/Pg	Acres	Top Hole 7.5' Spot
1	14.2 Marvin D. Paugh	161/759	0.25	
2	14.3 Marvin D. Paugh	162/724	0.50	
3	14.13 Marvin D. & Brenda S. Paugh	197/215	0.286	
4	14.8 Roger & Cyrena Oliver	232/606	1.61	
5	14.10 Roger D. & Cyrena D. Oliver	176/587	0.56	
6	14.11 Roger D. & Cyrena D. Oliver	163/72	0.56	
7	10.1 Roger Oliver	253/587	0.402	
8	10.2 David C. Woolfer	253/587	1.65	
9	8/9 C. Lee & Sue Ann Corder	243/192	3.0	
10	8/9 C. Lee & Sue Ann Corder	243/193	6.0	

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



- Well Location References**
- Douglas Unit 2H
 - Douglas Unit 1H
 - Bernice Unit 2H
 - Holland Unit 2H
 - Holland Unit 1H
 - Hinkle Unit 1H
 - Proposed Pauline Unit 2H
 - Pauline Unit 1H
- Scale: 1" = 200'



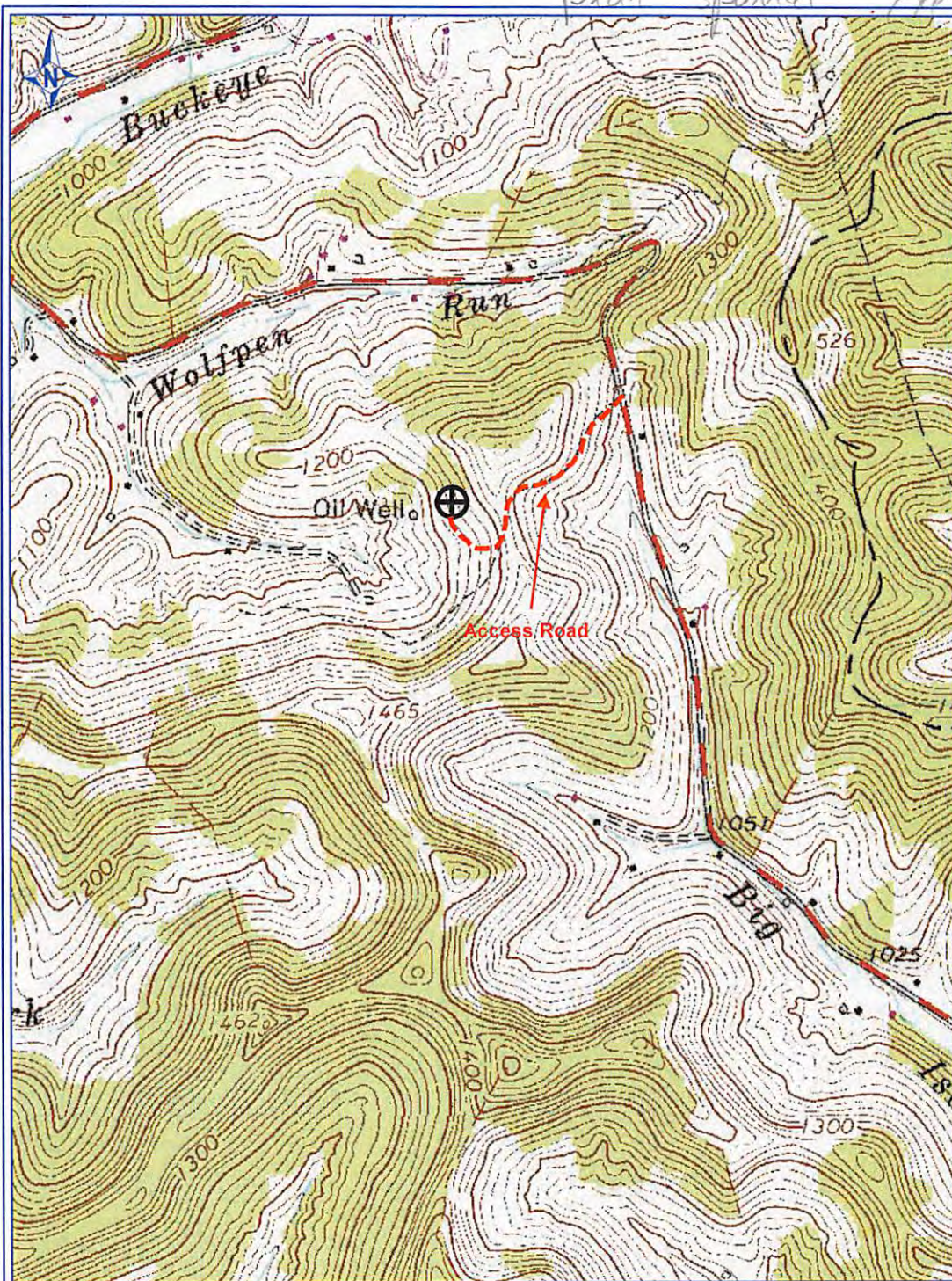
FILE NO: 227-30-G-12
DRAWING NO: 227-12 Pauline 2H Well
SCALE: 1" = 1200'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

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

DATE: July 15, 2013
OPERATOR'S WELL NO. Pauline Unit 2H
API WELL NO: H6A
47 - 017 - 06351
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1246' WATERSHED: Wolfpen Run of Buckeye Creek QUADRANGLE: Big Isaac
DISTRICT: Greenbrier COUNTY: Doddridge
SURFACE OWNER: John K. Davis James W. Furbee, et al; Gladys & Raymond Yerkey; Gary R. Brown, et ux; Park National Bank, et al; Guy R. Brown, et ux; Donald E. Osburn, et ux; Frank Mason, et al; 21675; ACREAGE: 94.747
ROYALTY OWNER: Joseph E. Richards; Virginia H. Rumbaugh, et ux; Avery Gaskins, et ux LEASE NO: CWM# 268; 21666; 21906 ACREAGE: 125; 37; 72; 84
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) TVD 7,500'
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: MD 18,200'
WELL OPERATOR: Antero Resources Corporation DESIGNATED AGENT: Dianna Stamper - CT Corporation System
ADDRESS: 1625 17th Street ADDRESS: 5400 D Big Tyler Road
Denver, CO 80202 Charleston, WV 25313 09/27/2013

Plat spotted 170



PETRA 4/17/2013 9:34:30 AM

*DCW
8-22-2013*

Antero Resources Corp

APPALACHIAN BASIN

Pauline Unit 2H

REMARKS
QUADRANGLE: BIG ISAAC
WATERSHED: WOLFPEN RUN
OF BUCKEYE CREEK
DISTRICT: GREENBRIER

By: ECM



**17-06351 H6A PAULINE UNIT 2H
ANTERO RESOURCES**

PAD NAME: JOHN NORTH

Received

AUG 23 2013

Office of Oil and Gas
WV Dept. of Environmental Protection