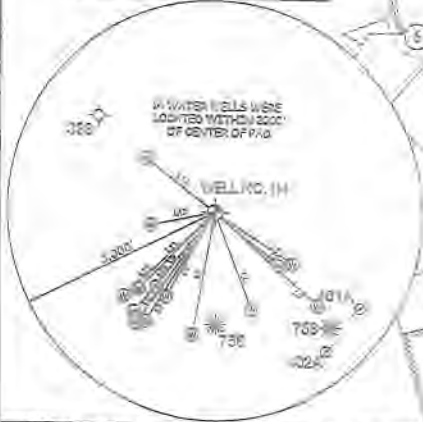


**Antero Resources Corporation**  
**Well No. Forrest Penn Unit 1H**

NO OCCUPIED DWELLINGS OR BUILDINGS WERE INCLUDED IN THIS SURVEY. (2,200 SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER ANY OTHER OR HOUSEHOLD MEMBERS AND ANY OTHER DWELLING OR BUILDING EXCEPT FOR THE CENTER OF THE WELL NO.)

**NOTES:**  
 WELL 1H TOP HOLE INFORMATION:  
 N: 337,307.71 E: 1,894,800.00  
 LAT: 39°28'00.42" LON: 80°52'10.78"  
 BOTTOM HOLE INFORMATION:  
 N: 333,144.71 E: 1,579,509.11  
 LAT: 39°27'36.14" LON: 80°50'15.72"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 680XT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(MAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 4,363,055.11 E: 502,626.11  
 BOTTOM HOLE INFORMATION:  
 N: 4,357,636.11 E: 501,072.11



WELL NO.	SURFACE OWNER	DEPT.	ACREAGE
1-01	Harvey Fisher	234/281	0.31 AC
1-02	Scott Walker	270/253	42.00 AC
1-03	Howard Fisher	234/281	21.00 AC
1-04	George Hart	332/719	310.00 AC
1-05	Nancy Fisher	234/281	71.25 AC
1-06	Michael Roberts	300/231	8.50 AC
1-07	Geoffrey Eddy	330/439	34.30 AC
1-08	Debra Eddy	330/439	34.30 AC
1-09	David Roberts	300/231	8.50 AC
1-10	Alanna Fox	330/239	0.83 AC
1-11	WSD Properties LLC	408/491	10.20 AC
1-12	Minor Flesher	334/281	44.25 AC
1-13	WSD Properties LLC	463/461	39.00 AC
1-14	Steven Anderson	408/438	61.75 AC
1-15	Troyer Telford	372/322	70.00 AC
1-16	Terrill Steiner	372/322	70.00 AC
1-17	Terrill Steiner	372/322	70.00 AC
1-18	Terrill Steiner	372/322	70.00 AC
1-19	Steven Anderson	408/438	61.75 AC
1-20	James Eddy Trust	465/459	185.71 AC
1-21	David Steiner	WSD/491	178.65 AC
1-22	Nancy Steiner	WSD/491	178.65 AC
1-23	The Valley Vine Trust	472/410	12.71 AC
1-24	The Valley Vine Trust	472/410	12.71 AC
1-25	The Valley Vine Trust	472/410	12.71 AC
1-26	James Steiner	372/322	70.00 AC
1-27	Charles Mager	372/322	70.00 AC
1-28	WSD Properties LLC	457/470	22.21 AC
1-29	Debra Eddy	330/439	34.30 AC
1-30	Shirley Harrison	340/730	20.00 AC
1-31	Debra Eddy	330/439	34.30 AC
1-32	George Hart	332/719	310.00 AC



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 SECURED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
 WILLOW LAKE SURVEYING PLLC  
 220 MASONIC AVE. PENNSBORO, WEST VIRGINIA 26105

**JOB #** 18-0200WV  
**DRAWING #** FORRESTPENN1H  
**SCALE** 1" = 2000'  
**MINIMUM DEGREE OF ACCURACY** SUBMETER  
**PROVEN SOURCE OF ELEV.** SUBMETER MAPPING GRADE GPS

**LEGEND**  
 - - - - - Surface Owner Boundary Lines +/-  
 --- --- --- Driveway Surface, Tracts +/-  
 --- --- --- Spotting Points  
 --- --- --- Road boundaries as noted

**THOMAS SUMMERS P.S. 2109**  
 DATE 01/11/18  
 OPERATOR'S WELL # FORREST PENN UNIT 1H

**WELL TYPE:** OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
**LOCATION:** ELEVATION 887.48 BUILT \_\_\_\_\_ WATERSHED OUTLET MIDDLE ISLAND CREEK STATE COUNTY PERMIT  
 QUADRANGLE MIDDLEBOURNE 7.5 DISTRICT 4EAD COUNTY TYLER  
 SURFACE OWNER JOSEPH R. RYMER JR. ACREAGE 44.33 ACRES +/-  
 OIL & GAS ROYALTY OWNER HOWARD H. HARCHA, III; JAMES DOUGLAS WHITE; JAMES T. STANSON ET UX; LEASE ACREAGE 44.33 AC +/-; 134.53 AC +/-; 80.11 AC +/-;  
ERIN L. SLOAN; CHESTER L. BAKER ET AL; NANCY LEE BRADFORD ET VIR; THE DALE E. WISE TRUST LTD; NORMAN JEAN SWARTZ ET VIR; 84.3 AC +/-; 39.23 AC +/-; 59.05 AC +/-; 108 AC +/-; 52 AC +/-;  
LOUIE JAMES, JIMIE DENION TRUST; NANCY P. BAILEY; HOWARD O. FLEISHER ET UX; LARRY D. McMULLIN; CATHY E. EDDY 34.8 AC +/-; 320.15 AC +/-; 107.57 AC +/-; 116.59 AC +/-; 0 AC +/-; 149.51 AC +/-;

**PROPOSED WORK:** DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER  PHYSICAL CHANGE IN WELL  
 (SPECIFY) MOD BHL  
 TARGET FORMATION MARCELLUS PLUG & ABANDON  CLEAN OUT & REPLUG   
 WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 8,700' TVD 24,200' MD  
 ADDRESS 1616 WYIKOOP ST. DESIGNATED AGENT THOMAS SUMMERS - CT CORPORATION SYSTEM  
 DENVER, CO 80202 ADDRESS 5100 D BIG TYLER ROAD  
 CHARLESTON, WV 25313

RECEIVED  
 Office of Oil and Gas

FEB - 6 2019

WV Department of Environmental Protection