

LATITUDE 39°27'30"

8,332'

LATITUDE 39°25'00"

LONGITUDE 80°50'00"

9,625'

LONGITUDE 80°50'00"

Antero Resources Corporation  
Well No. Johnston Unit 2H

WILLIE R. LESTER  
D.B. 326 PG. 402  
T.M. 04 PAR. 07  
97.75 AC. ±

ROBERT L. RIPLEY ET AL  
D.B. 327 PG. 77  
T.M. 04 PAR. 06.2  
18.75 AC. ±

RAYMOND UNDERWOOD  
W.B. 28 PG. 70  
T.M. 04 PAR. 12  
76.5 AC. ±

REGINA H. BERTOZZI ET AL  
D.B. 334 PG. 420  
T.M. 04 PAR. 08.3  
41.86 AC. ±

RAYMOND UNDERWOOD  
D.B. 114 PG. 272  
T.M. 04 PAR. 13  
96 AC. ±

LANDING POINT  
N:342144  
E:1614588

W.V.D.N.R. LEASE

STATE OF WV DNR  
D.B. 156 PG. 54  
T.M. 04 PAR. 14  
244.25 AC. ±

FORREST E. LEASEBURG ET UX LEASE

WILLIAM LEASEBURG ET UX  
D.B. 408 PG. 210  
T.M. 08 PAR. 02  
77.25 AC. ±

CLINTON J. LANTZ ET AL  
D.B. 420 PG. 124  
T.M. 08 PAR. 07  
71.19 AC. ±

MARY LOU WELLS  
D.B. 334 PG. 526  
T.M. 08 PAR. 8.1  
84.25 AC. ±

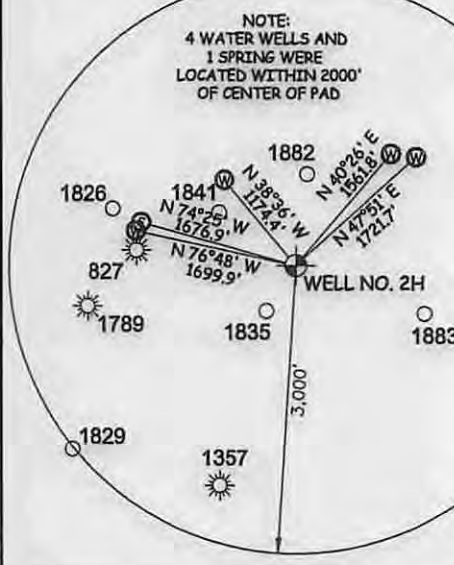
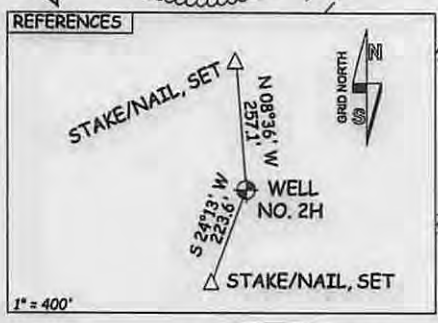
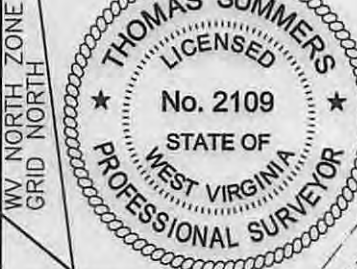
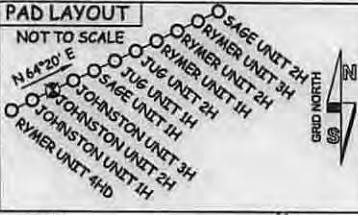
RALPH J. UNDERWOOD ET AL  
D.B. 184 PG. 443  
T.M. 08 PAR. 15  
74.452 AC. ±

A = LOREN E. BAGLEY D.B. 349 PG. 284 T.M. 8 PAR. 3.1  
B = LOREN E. BAGLEY D.B. 349 PG. 284 T.M. 8 PAR. 3.3  
C = ARLT ARBOGAST D.B. 376 PG. 826 T.M. 8 PAR. 3.2  
D = DAVID D. CHIPPS D.B. 290 PG. 682 T.M. 8 PAR. 3.5

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 342,346ft E: 1,615,066ft  
LAT: 39°25'54.93" LON: 80°51'46.19"  
BOTTOM HOLE INFORMATION:  
N: 335,015ft E: 1,616,983ft  
LAT: 39°24'42.77" LON: 80°51'20.34"  
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 4,364,727m E: 511,820m  
BOTTOM HOLE INFORMATION:  
N: 4,362,504m E: 512,441m

NOTE  
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,000) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

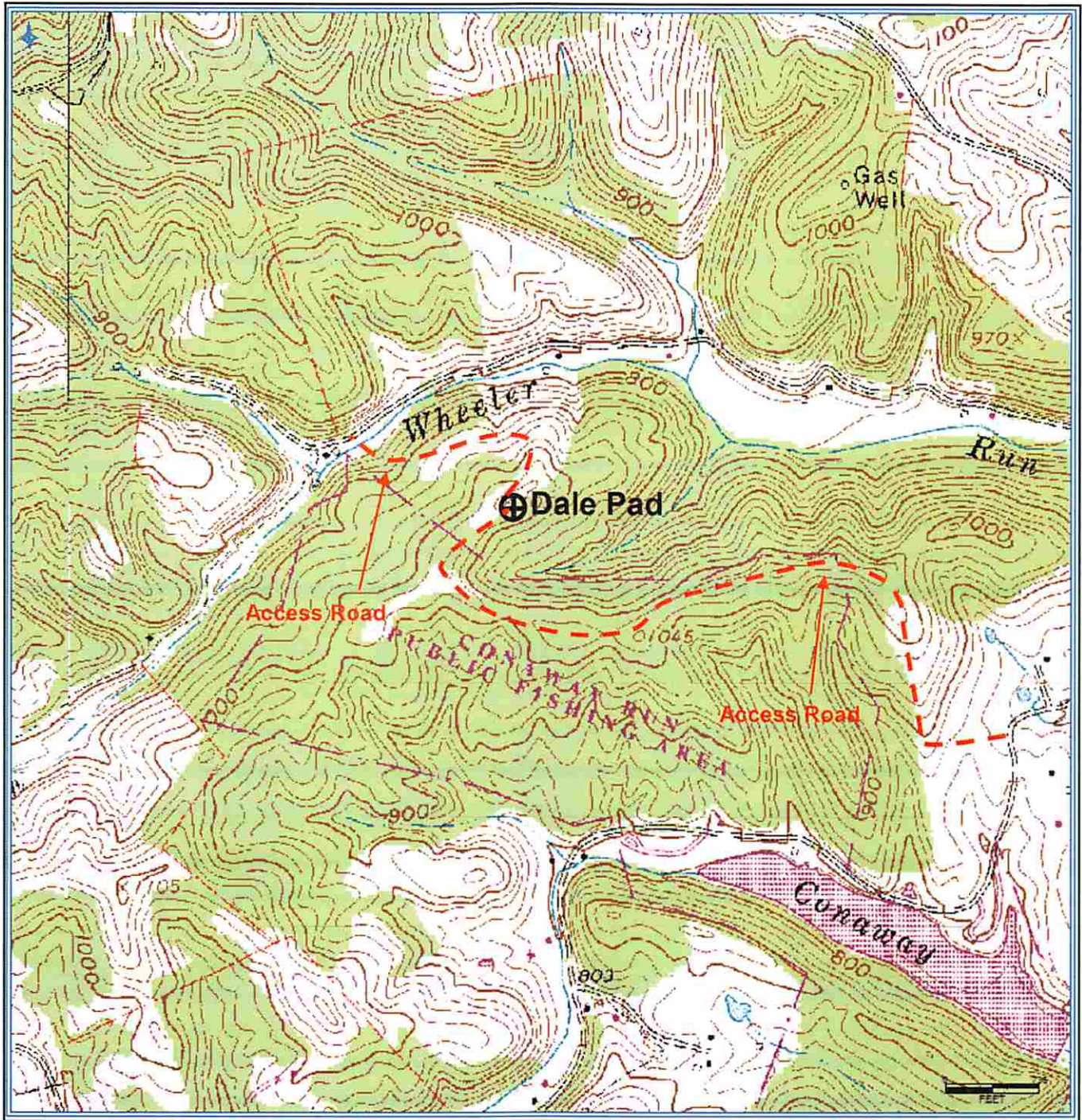
WILLOW LAND SURVEYING PLLC  
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 15-034WA  
DRAWING # JOHNSTON2HR1  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND  
- - - - - Surface Owner Boundary Lines +/-  
- - - - - Interior Surface Tracts +/-  
- x - x - Existing Fence  
⊕ Found monument, as noted  
THOMAS SUMMERS P.S. 2109  
DATE 07/29/15  
OPERATOR'S WELL# JOHNSTON UNIT #2H

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL   
(IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW   
LOCATION: ELEVATION 1,036' ORIGINAL - 1,017' PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK  
QUADRANGLE SHIRLEY 7.5 DISTRICT CENTERVILLE COUNTY TYLER  
SURFACE OWNER RAYMOND UNDERWOOD ACREAGE 96 ACRES +/-  
OIL & GAS ROYALTY OWNER RAYMOND V. UNDERWOOD ET UX; W.V.D.N.R.; LEASE ACREAGE 96 ACRES±; 244.25 ACRES±;  
FORREST E. LEASEBURG ET UX; EATHEL JOHNSTON; RITA J. HITCHCOCK; LILLIE H. MAPLE ET AL 78 AC±; 108 ACRES±; 50 ACRES±; 341 ACRES±  
PROPOSED WORK: DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG  
WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,700' TVD 14,700' MD  
ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202 DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

9/18/2015



RECEIVED  
Office of Oil and Gas  
AUG 14 2015  
WV Department of  
Environmental Protection

**Antero Resources Corporation**  
Appalachian Basin  
Johnston Unit 2H  
Tyler County  
Quadrangle: Shirley  
Watershed: Headwaters Middle Island Creek  
District: Centerville  
Date: 3-5-14

9/18/2015