

LATITUDE 39°27'30"

8,269'

10,010' TO BOTTOM HOLE

LATITUDE 39°27'30"

500' TO BOTTOM HOLE  
LONGITUDE 80°50'00"

9,593'

LONGITUDE 80°50'00"

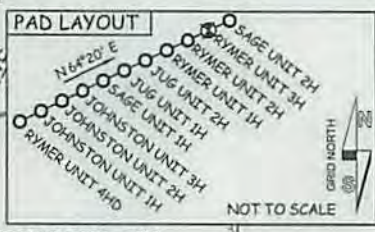
Antero Resources Corporation  
Well No. Rymer Unit 3H

STATE OF WV DNR  
D.B. 215 PG. 520  
T.M. 27 PAR. 02  
405.81 AC. ±

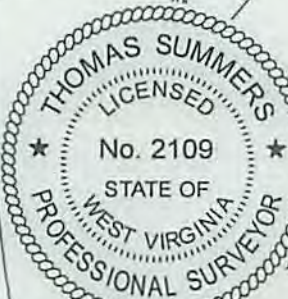
3H BOTTOM HOLE

NOTES:  
WELL 3H TOP HOLE INFORMATION:  
N: 342,376ft E: 1,615,129ft  
LAT: 39°25'55.24" LON: 80°51'45.39"  
BOTTOM HOLE INFORMATION:  
N: 351,495ft E: 1,613,523ft  
LAT: 39°27'25.12" LON: 80°52'07.62"  
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 3H TOP HOLE INFORMATION:  
N: 4,364,737m E: 511,839m  
BOTTOM HOLE INFORMATION:  
N: 4,367,507m E: 511,304m



WV NORTH ZONE  
GRID NORTH



STATE OF WV DNR  
D.B. 227 PG. 141  
T.M. 27 PAR. 28  
88.75 AC. ±

STATE OF WV DNR  
D.B. 307 PG. 217  
T.M. 27 PAR. 25  
100 AC. ±

JOSEPH SAYRE LEASE  
42

MARK D. FLETCHER  
D.B. 230 PG. 627  
T.M. 27 PAR. 27  
34.94 AC. ±

MARK D. FLETCHER  
D.B. 230 PG. 627  
T.M. 27 PAR. 29  
52 AC. ±

JOHN R. SPENCE ET AL  
D.B. 373 PG. 720  
T.M. 27 PAR. 26  
21.71 AC. ±

STATE OF WV DNR  
D.B. 256 PG. 17  
T.M. 04 PAR. 01  
222.85 AC. ±

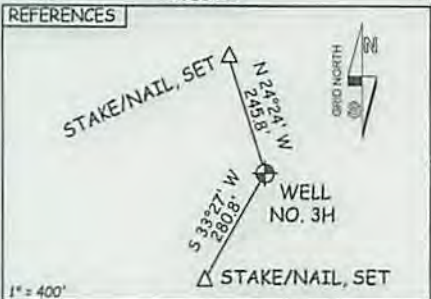
STATE OF WV DNR  
D.B. 255 PG. 248  
T.M. 04 PAR. 01.2  
10 AC. ±

STATE OF WV DNR  
D.B. 255 PG. 254  
T.M. 04 PAR. 01.3  
10.4 AC. ±

STATE OF WV DNR  
D.B. 245 PG. 245  
T.M. 04 PAR. 01.4  
10 AC. ±

SCOTT C. BLAIR LEASE  
SCOTT C. BLAIR ET AL  
D.B. 296 PG. 589  
T.M. 04 PAR. 08.4  
64.17 AC. ±

SCOTT C. BLAIR ET AL  
D.B. 296 PG. 593  
T.M. 4 PAR. B  
40.3 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 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 # 13-104WA  
DRAWING # RYMER3H  
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 Existing Fence  
⊕ Found monument, as noted  
THOMAS SUMMERS P.S. 2109  
DATE 06/15/15  
OPERATOR'S WELL# RYMER UNIT #3H

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

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

SHAWN P. BAKER ET AL  
D.B. 348 PG. 371  
T.M. 4 PAR. 10.1  
36.97 AC. ±

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

RAYMOND V. UNDERWOOD ET UX LEASE

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

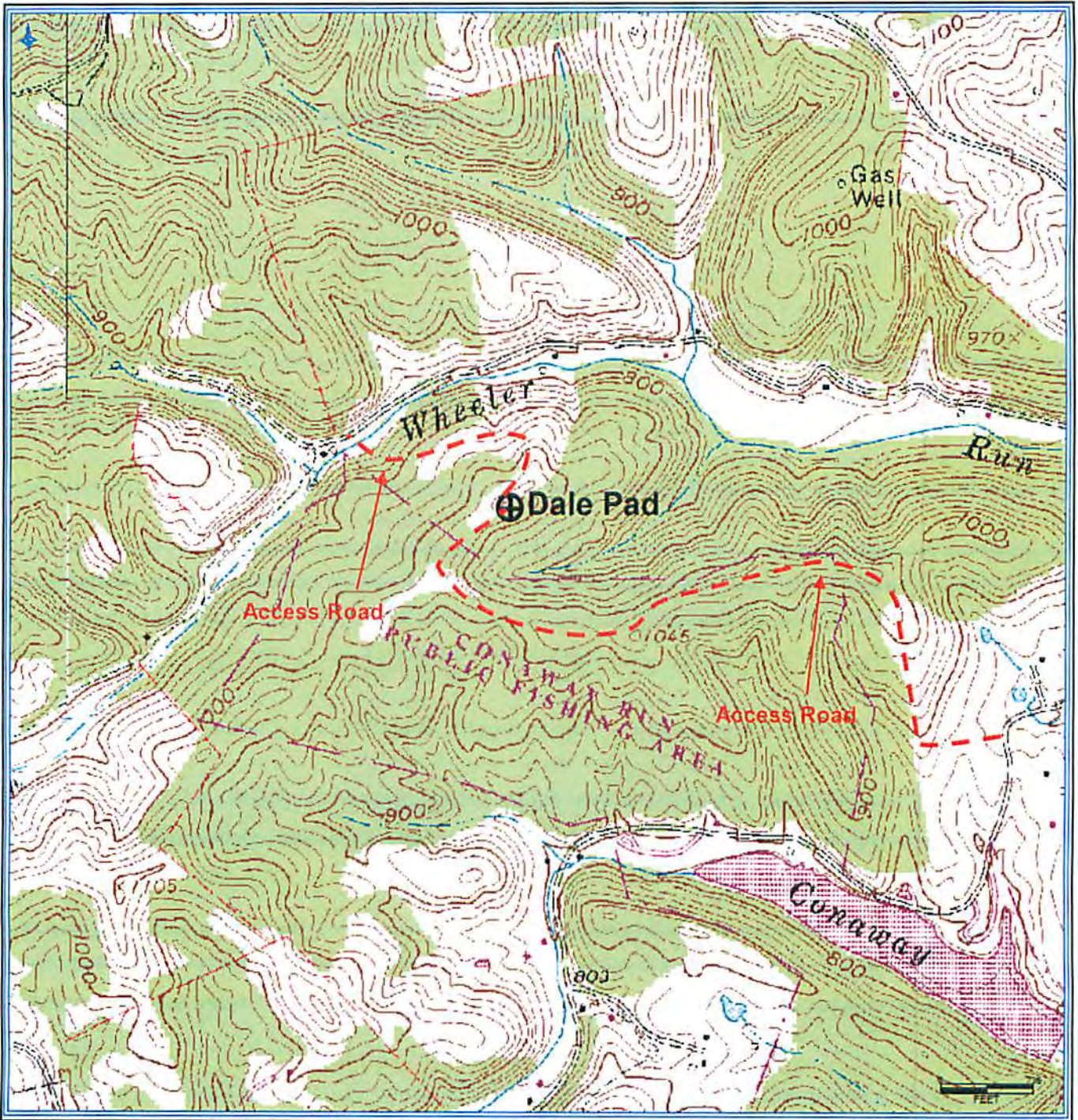
CHARLES MARRS ET AL  
D.B. 271 PG. 115  
T.M. 4 PAR. 10.4  
90.56 AC. ±

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

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 - 095 - 02215H6A  
(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; FLORENCE E. DURANT ET AL; LEASE ACREAGE 96 AC±; 127.53 AC±;  
REGINA H. BERTOZZI ET AL; ROBERT L. BROWN ET UX; SCOTT C. BLAIR; ELIZABETH ANN GARNER; JOSEPH SAYRE 42 AC±; 97.75 AC±; 104.47 AC±; 90.605 AC±; 100 AC±  
PROPOSED WORK: DRILL  CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) \_\_\_ PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,600' MD  
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM  
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD  
DENVER, CO 80202 CHARLESTON, WV 25313

07/24/2015

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RECEIVED  
Office of Oil and Gas

JUN 18 2015

WV Department of  
Environmental Protection

**Antero Resources Corporation**  
Appalachian Basin  
Rymer Unit 3H  
Tyler County

Quadrangle: Shirley  
Watershed: Headwaters Middle Island Creek  
District: Centerville  
Date: 3-5-14

07/24/2015