

LATITUDE 39°27'30"

8,269'

9,637' TO BOTTOM HOLE

LATITUDE 39°27'30"

LONGITUDE 80°50'00"

9,588'

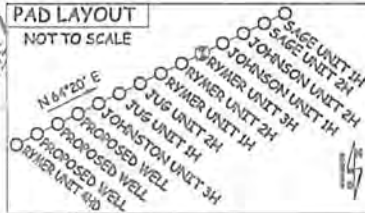
LONGITUDE 80°50'00"

Antero Resources Corporation
Well No. Rymer Unit 3H
47-095-02275

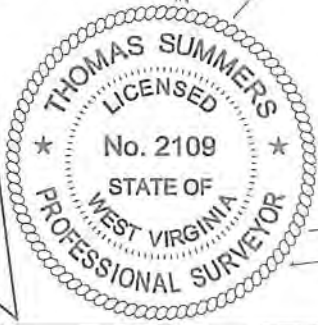
3H BOTTOM HOLE

AS DRILLED DATA:
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: 350,420ft E: 1,613,881ft
LAT: 39°27'14.55" LON: 80°52'02.86"
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: 4,367,181m E: 511,418m



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. ±

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. SCIENCE 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. 255 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. 8
40.3 AC. ±

ROBERT L. BROWN ET UX LEASE

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. 05.2
18.75 AC. ±

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

- NOTE
1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGENT SURVEYS, INC.
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP UP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR DISCREPANCIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

NOTE:
4 WATER WELLS AND
1 SPRING WERE
LOCATED WITHIN 2000'
OF CENTER OF 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 # 13-104WA
DRAWING # RYMER3HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
○ Proposed Well Path
⊗ As Drilled Well Path

THOMAS SUMMERS P.S. 2109
DATE 09/28/17
OPERATOR'S WELL# RYMER UNIT #3H

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02275
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,017' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK DISTRICT CENTERVILLE COUNTY TYLER
 QUADRANGLE SHIRLEY 7.5' COUNTY NAME
 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.±; 90.805 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) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,481' TVD 14,900' 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

02/16/2018