

LATITUDE 39°22'30"

10,035'

LATITUDE 39°25'00" 1,125' TO BOTTOM HOLE

3,700'

8,366' TO BOTTOM HOLE

LONGITUDE 80°52'30"

LONGITUDE 80°55'00"

COUNTY NAME

PERMIT

Antero Resources Corporation
Well No. Master Unit 3H

MARY E. ADKINS
D.S. 233 PG. 139
T.M. II PAR. 14.1
16.29 AC ±

MARY E. ADKINS
D.S. 233 PG. 139
T.M. II PAR. 06
75.7 AC ±

FRANK GRASS
ET AL LEASE

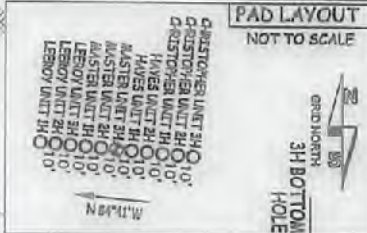
MARY E. ADKINS ET AL
D.S. 233 PG. 139
T.M. II PAR. 14
01 AC ±

RICHARD L. BARNARD
LEASE
GARY A. BARNARD
D.S. 247 PG. 026
T.M. II PAR. 13
254.33 AC ±

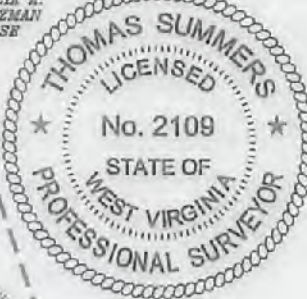
MARY E. ADKINS ET AL
D.S. 233 PG. 139
T.M. II PAR. 14.1
01.35 AC ±

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 318,124ft E: 1,601,220ft
LAT: 39°21'53.43" LON: 80°54'37.73"
BOTTOM HOLE INFORMATION:
N: 328,677ft E: 1,598,516ft
LAT: 39°23'37.31" LON: 80°55'14.33"
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: 4,357,278m E: 507,725m
BOTTOM HOLE INFORMATION:
N: 4,360,479m E: 506,848m



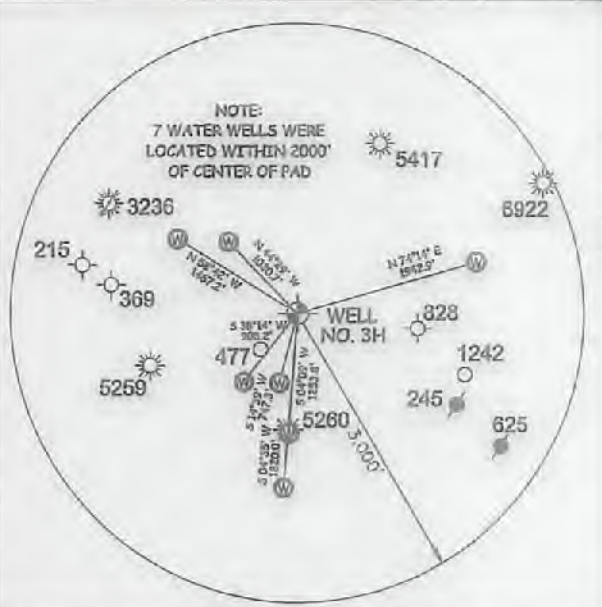
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 14,294,788ft E: 1,665,714ft
POINT OF ENTRY INFORMATION:
N: 14,295,064ft E: 1,666,510ft
BOTTOM HOLE INFORMATION:
N: 14,305,291ft E: 1,662,835ft



JOB # 17-015WA
DRAWING # MASTER3HR
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
OPERATOR'S WELL# MASTER UNIT #3H
47 - 095 - 10361
STATE COUNTY PERMIT

LEGEND
--- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- x - x - Existing Fence
⊕ Found monument, as noted

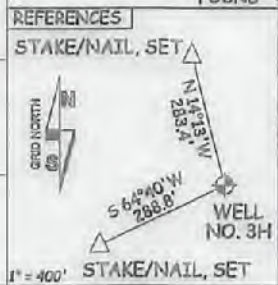
THOMAS SUMMERS P.S. 2109
DATE 07/18/18



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



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 970' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' (TH) - MIDDLEBOURNE 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/-
OIL & GAS ROYALTY OWNER IRENE NUTTER HAYMOND TRUST; PERKINS OIL & GAS CO.; DANIEL M. HAYMOND ET UX LEASE ACREAGE 375 AC±; 94 AC±; 375 AC±;
ALLIANCE PETRO. CORP.; PATRICIA A. HEINTZMAN; PATRICIA A. HEINTZMAN; PATRICIA L. MCCULLOUGH; RICHARD L. BARNARD; FRANK GRASS ET AL 10.25 AC±; 60 AC±; 149.5 AC±; 50.5 AC±; 284 AC±; 431.29 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 PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 18,600' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313