

LATITUDE 39°30'00"

5,500'

LATITUDE 39°27'30"

LONGITUDE 80°50'00"

12,315'

LONGITUDE 80°50'00"

COUNTY NAME

PERMIT

Antero Resources Corporation
Well No. Hawkeye Unit 3H

JAMES E. GREGG
ET UX LEASE
JOHN A. BONTRAGER ET AL
D.B. 368 PG. 472
T.M. 27 PAR. 7
121.752 AC. ±

LANDING POINT
N: 354080
E: 1617535

LORETTA J. FULKS
D.B. 212 PG. 10
T.M. 27 PAR. 8
35 AC. ±

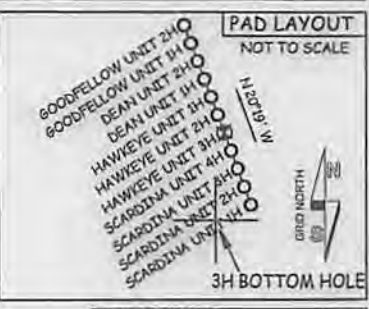
WELL NO. 3H

STONE FOUND

REUBEN SCHWARTZ, ET AL
D.B. 119 PG. 512
T.M. 27 PAR. 19
86 AC. ±

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 354,785ft E: 1,618,083ft
LAT: 39°27'58.31" LON: 80°51'10.13"
BOTTOM HOLE INFORMATION:
N: 343,345ft E: 1,621,180ft
LAT: 39°26'05.71" LON: 80°50'28.47"
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: 4,368,532m E: 512,676m
BOTTOM HOLE INFORMATION:
N: 4,365,063m E: 513,678m



WV NORTH ZONE
GRID NORTH

RICHARD L. SEAGO
ET UX LEASE
EDWIN C. WEIGLE ET AL
A.P. 40 PG. 793
T.M. 27 PAR. 21
85.45 AC. ±

KATHY ANN SEAGO
LEASE

THOMAS L. BURKHART
LEASE
THOMAS L. BURKHART
D.B. 284 PG. 348
T.M. 27 PAR. 24
90 AC. ±

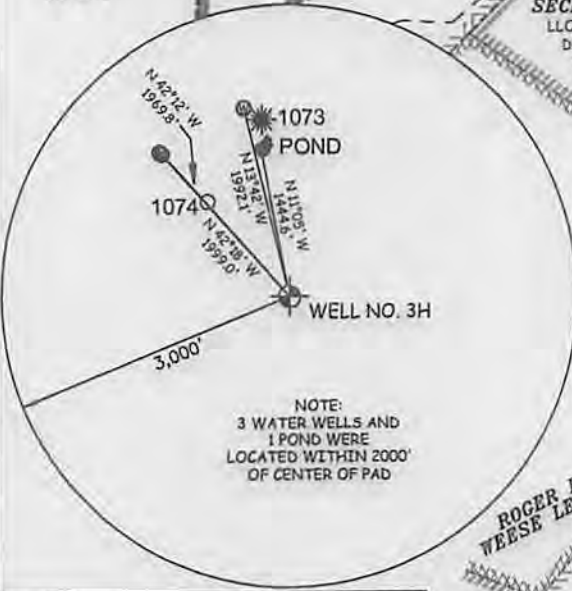
KENNETH R. MASON
ET AL LEASE
KENNETH MASON ET AL
D.B. 332 PG. 960
T.M. 27 PAR. 20
269 AC. ±

LLOYD CARL
SECKMAN LEASE
LLOYD C. SECKMAN
D.B. 332 PG. 914
T.M. 4 PAR. 3
128.5 AC. ±

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

EDWIN C. WEIGLE
A.P. 40 PG. 793
T.M. 27 PAR. 22
60.19 AC. ±

EDWIN C. WEIGLE
D.B. 348 PG. 74
T.M. 27 PAR. 23
61.62 AC. ±



MARSHALL E. BAKER
LEASE
MARSHALL E. BAKER
D.B. 208 PG. 497
T.M. 4 PAR. 04.2
24.5 AC. ±

3H TOP HOLE

ROGER R. WEESE
LEASE
ROGER R. WEESE
D.B. 358 PG. 135
T.M. 4 PAR. 04
17 AC. ±

EVERETT O. WEESE ET AL
W.B. 31 PG. 346
T.M. 4 PAR. 09
44.5 AC. ±

MARSHALL E. BAKER
D.B. 208 PG. 497
T.M. 4 PAR. 04.1
8.34 AC. ±

BETTY J. WEESE LEASE
EVERETT O. WEESE
W.B. 31 PG. 346
T.M. 4 PAR. 09.2
39.18 AC. ±

BETTY J. WEESE LEASE
EVERETT O. WEESE
W.B. 31 PG. 346
T.M. 4 PAR. 09.3
48 AC. ±

JAMES P. SLIDER
LEASE
JAMES P. SLIDER
ET AL
D.B. 368 PG. 809
T.M. 4 PAR. 10.7
161.49 AC. ±

KENNETH R. MASON
ET AL LEASE
KENNETH R. MASON ET AL
D.B. 336 PG. 416
T.M. 5 PAR. 14
88.25 AC. ±

CEMETERY
T.M. 4 PAR. 11
2 AC. ±

JAMES P. SLIDER
LEASE
JAMES P. SLIDER
D.B. 275 PG. 609
T.M. 5 PAR. 17
7.9 AC. ±

ROGER L. FERGUSON
ET AL
D.B. 191 PG. 19
T.M. 4 PAR. 10.2
44.17 AC. ±

RENNIE L. PIERPONT ET AL
W.B. 6 PG. 366
T.M. 4 PAR. 18
6 AC. ±

06/27/2014

47 - 095 - 02183 HGA
STATE COUNTY PERMIT

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.



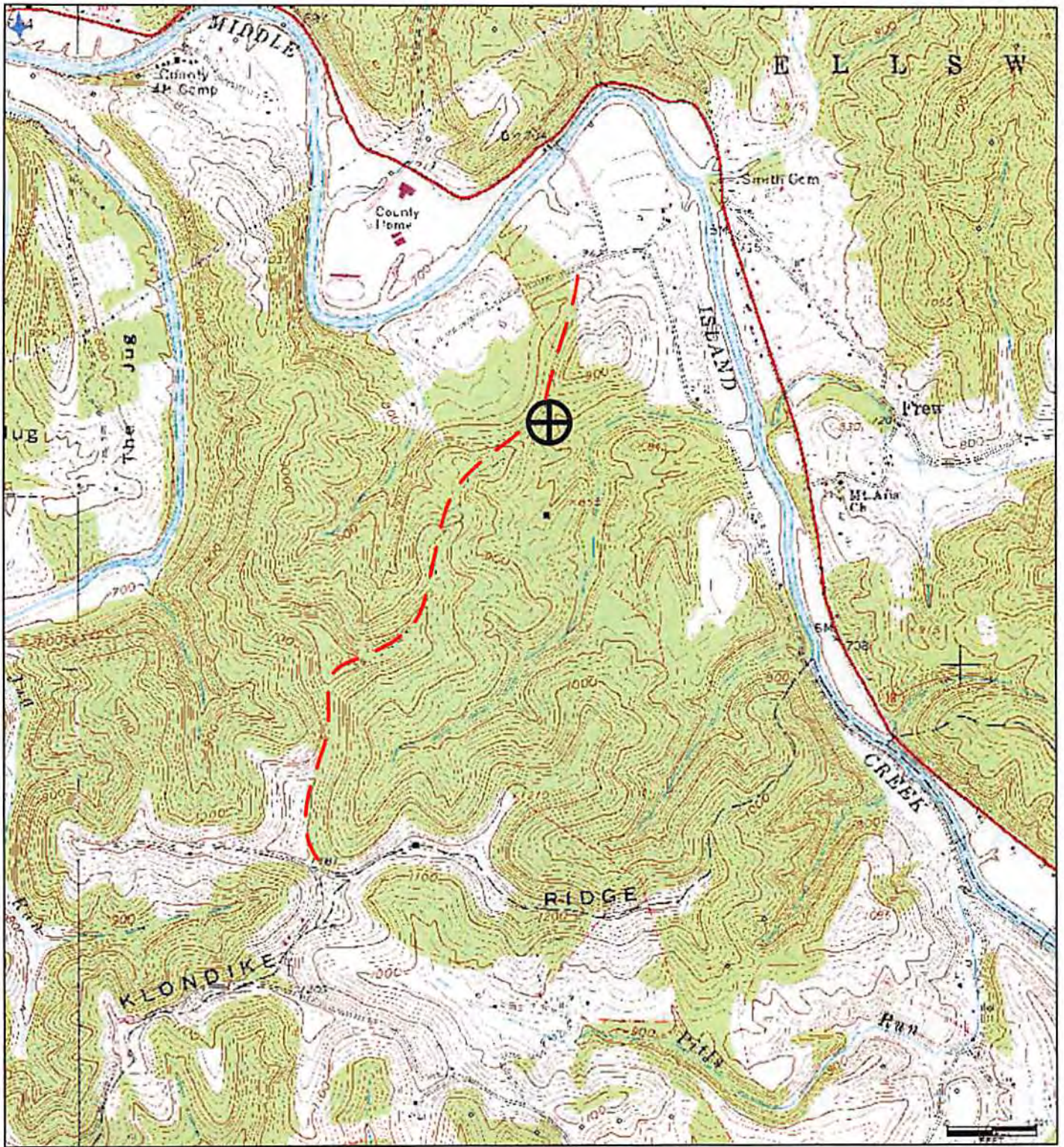
STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

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

JOB # 13-038WA
DRAWING # HAWKEYE3H
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 +/-
--- Existing Fence
--- Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 04/29/14
OPERATOR'S WELL # HAWKEYE UNIT #3H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 814' WATERSHED TRIBUTARY OF MIDDLE ISLAND CREEK
QUADRANGLE SHIRLEY 7.5 DISTRICT ELLSWORTH COUNTY TYLER
SURFACE OWNER EDWIN C. WEIGLE ACREAGE 60.19 ACRES +/-
OIL & GAS ROYALTY OWNER KATHY ANN SEAGO, THOMAS L. BURKHART, KENNETH R. MASON ET AL LEASE ACREAGE 129.2 AC. ±; 90 AC. ±; 269 AC. ±;
ROGER R. WEESE; BETTY J. WEESE; KENNETH R. MASON ET AL; JAMES P. SLIDER; JAMES P. SLIDER 182.74 AC. ±; 175.8 AC. ±; 88.25 AC. ±; 161.714 AC. ±; 18.286 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 6,600' TVD 18,400' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



Antero Resources Corporation
Appalachian Basin Oil and Gas
Hawkeye Unit 3H
Tyler County
Quadrangle: Smithburg
Watershed: Gorrell Run Run – Middle Island Creek
District: Ellsworth
Date: 02/21/2014