

LATITUDE 39°27'30"

8,350'

10,670' TO BOTTOM HOLE

LATITUDE 39°27'30"

LONGITUDE 80°50'00"

9,634'

LONGITUDE 80°50'00"

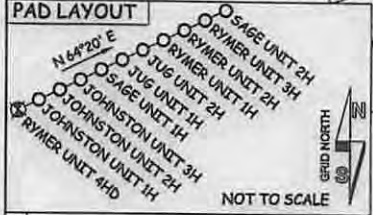
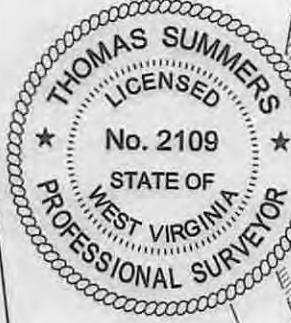
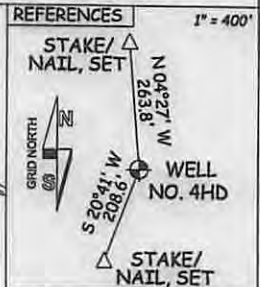
Antero Resources Corporation
Well No. Rymer Unit 4HD
176.92 Unit Acres

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. ±

NOTES:
WELL 4HD TOP HOLE INFORMATION:
N: 342,337ft E: 1,615,048ft
LAT: 39°25'54.84" LON: 80°51'46.42"
BOTTOM HOLE INFORMATION:
N: 348,891ft E: 1,612,824ft
LAT: 39°26'59.28" LON: 80°52'16.03"
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 4HD TOP HOLE INFORMATION:
N: 4,364,725m E: 511,815m
BOTTOM HOLE INFORMATION:
N: 4,366,710m E: 511,104m



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

STATE OF WV DNR
D.B. 230 PG. 627
T.M. 27 PAR. 27
34.94 AC. ±

STATE OF WV DNR
D.B. 230 PG. 627
T.M. 27 PAR. 29
52 AC. ±

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

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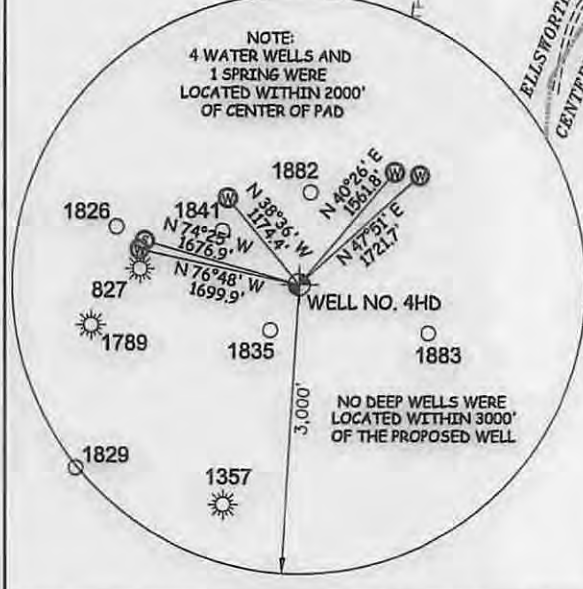
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D.B. 256 PG. 17
T.M. 04 PAR. 01
222.85 AC. ±



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.



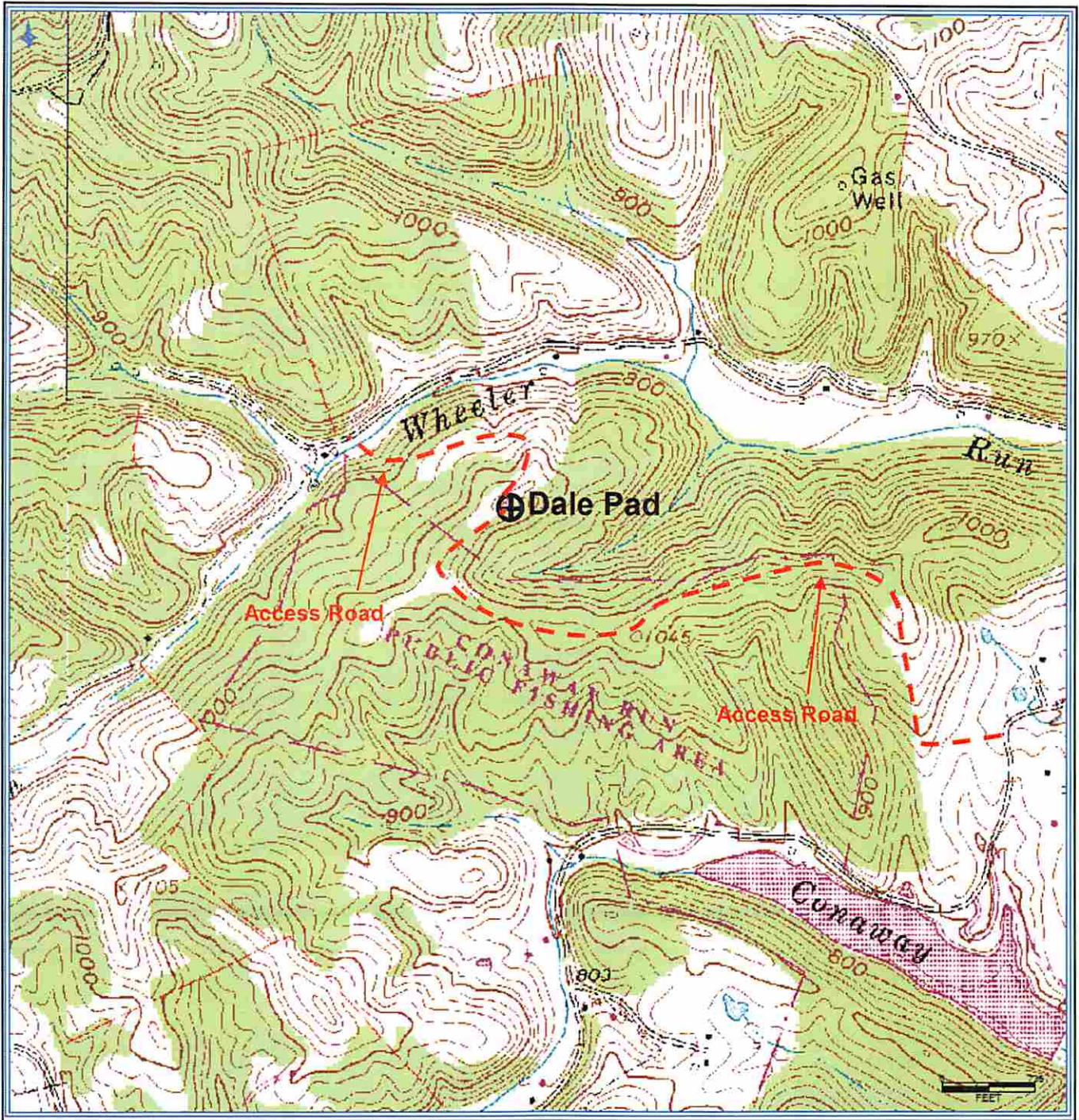
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 13-104WA
DRAWING # RYMER4HD
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 05/20/15
OPERATOR'S WELL# RYMER UNIT #4HD

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 0227346A
(IF "GAS") PRODUCTION X STORAGE DEEP X SHALLOW STATE COUNTY PERMIT
LOCATION: ELEVATION 1,036' ORIGINAL - 1,017' PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK COUNTY TYLER
QUADRANGLE SHIRLEY 7.5 DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER RAYMOND UNDERWOOD ACREAGE 96 ACRES +/-
OIL & GAS ROYALTY OWNER RAYMOND V. UNDERWOOD ET UX; ROBERT L. BROWN ET UX; LEASE ACREAGE 96 ACRES±; 97.75 ACRES±;
CATHY JO ASH ET AL; JOHN ROBERT SPENCE ET UX 315.25 AC±; 21 ACRES±
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION POINT PLEASANT ESTIMATED DEPTH 12,000' TVD 19,200' 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

09502273



Received

JUN - 1 2015

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corporation
Appalachian Basin
Rymer Unit 4HD
Tyler County

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

07/17/2015