

Antero Resources Corporation
 Appalachian Basin
 Pearl Jean B Pad
 Doddridge County

Quadrangle: Smithburg
 Watershed: Headwaters Middle Island Creek
 District: Grant
 Date: 2-07-2023

Antero Resources Corporation
Well No. Pearl Jean "B" #5V

GLORIA J. JETT
 D.B. 237 PG. 504
 T.M. 16 PAR. 19
 157.27 AC. ±

LINE	BEARING	DIST.
L1	N 29°12' E	1528.3'
L2	N 30°24' E	1316.0'
L3	N 33°55' E	1059.6'
L4	N 78°45' E	1725.6'
L5	S 86°55' E	1569.5'
L6	S 86°08' E	1566.1'
L7	S 68°04' E	1611.2'
L8	S 62°06' E	1731.8'
L9	S 58°52' E	1730.6'
L10	S 52°27' E	1403.1'
L11	S 47°10' E	1368.2'
L12	S 45°41' E	1341.0'

WV NORTH ZONE
 GRID NORTH

1,996'
 LATITUDE 39°17'30"
 1,898'
 LONGITUDE 80°40'00"

REBAR,
 FOUND

5V TOP
 HOLE

ANTERO
 MIDSTREAM LLC
 D.B. 345 PG. 377
 T.M. 16 PAR. 21.1
 4.88 AC. ±

DEAN R. PENNINGTON ET AL
 D.B. 275 PG. 51
 T.M. 16 PAR. 21
 62.63 AC. ±

DEAN R.
 PENNINGTON ET AL
 D.B. 275 PG. 51
 T.M. 17 PAR. 28
 42.13 AC. ±

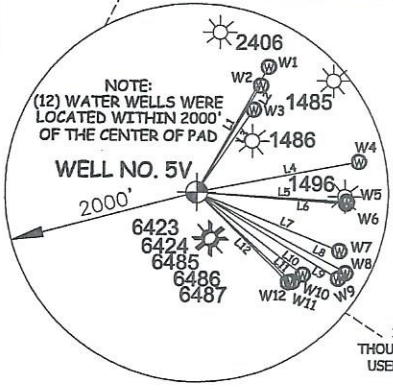
WELL
 NO. 5V

STONE,
 FOUND

GLORIA J. JETT
 D.B. 237 PG. 504
 T.M. 19 PAR. 7
 70.43 AC. ±

HOWARD K.
 MCINTYRE
 ET AL LEASE

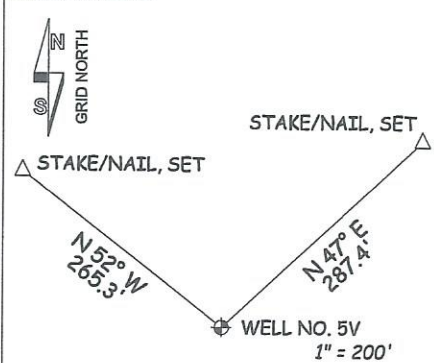
6423
 6424



NOTES
 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD. THERE ARE NO WATER WELLS OR DEVELOPED SPRINGS WITHIN 250 FEET OF THE PROPOSED WELL.

NOTES:
 WELL 5V TOP HOLE INFORMATION:
 WV STATE PLANE NAD 27 COORDS:
 N: 288,614ft E: 1,667,785ft
 GEOGRAPHIC NAD 27 COORDS:
 LAT: 39°17'11.25" LON: 80°40'25.39"
 (NAD) 83 (UTM) ZONE 17 COORDS:
 N: 4,348,626m E: 528,154m
 (NAD) 27 (UTM) ZONE 17 COORDS:
 N: 14,266,402ft E: 1,732,739ft
 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.

REFERENCES



JOB # 23-001WA
 DRAWING # PEARLJEANB5V
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.

LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Adjoining Surface Tracts +/-
 ⊕ Found monument, as noted



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

THOMAS SUMMERS P.S. 2109
 DATE 02/01/23
 OPERATOR'S WELL# PEARL JEAN "B" #5V

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION PROPOSED - 1,198' EXISTING - 1,206' WATERSHED HEADWATERS MIDDLE ISLAND CREEK
 QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

SURFACE OWNER DEAN R. PENNINGTON ET AL ACREAGE 62.63 ACRES +/-
 OIL & GAS ROYALTY OWNER HOWARD K. MCINTYRE ET AL LEASE ACREAGE 70 ACRES ±

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 ___ ESTIMATED DEPTH 6,700' TVD 6,700' MD
 TARGET FORMATION MARCELLUS

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT KEVIN ELLIS
 ADDRESS 1615 WYNKOOP STREET ADDRESS 535 WHITE OAK BLVD.
 DENVER, CO 80202 BRIDGEPORT, WV 26330

COUNTY NAME PERMIT

03/24/2023