

6,885' TO TOP HOLE

LATITUDE 39°17'30"

8,465' TO BOTTOM HOLE

LATITUDE 39°20'00"

LONGITUDE 80°40'00"

5,665' TO TOP HOLE

13,357' TO BOTTOM HOLE

COUNTY NAME PERMIT

Antero Resources Appalachian Corporation Well No. Leatherman Unit 2H

NOTE: THIS WELL BORE IS SUBJECT TO THAT 60 FOOT STRIP OF GROUND KNOWN AS THE NORTHWESTERN TURNPIKE.

CLEVELAND LEASE

SEAN WALKER ET AL D.B. 263 PG. 48 T.M. 13 PAR. 17 85 AC.±

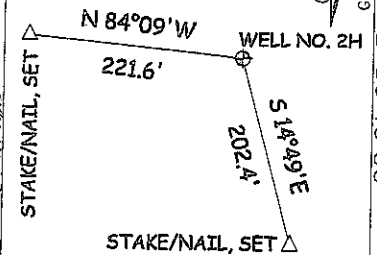
STEPHEN FORD D.B. 243 PG. 195 T.M. 13 PAR. 15 49.43 AC.±

WELL NO. 2H BOTTOM HOLE

DAVID DOWDER D.B. 220 PG. 55 T.M. 15 PAR. 14 260.21 AC.±

M. M. NEELY LEASE

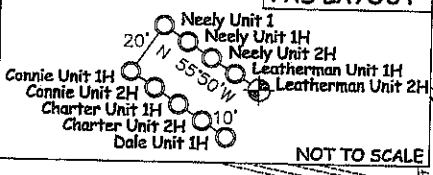
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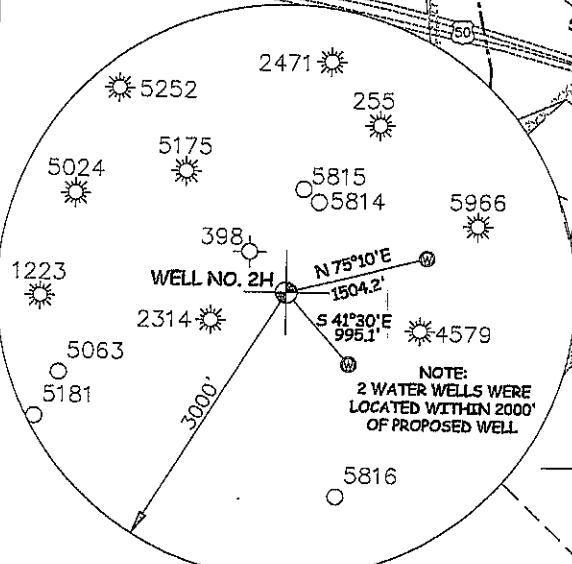
NOTES:
 WELL 2-H TOP HOLE INFORMATION:
 N: 284,912ft E: 1,662,847ft
 LAT: 39°16'34.01" LON: 80°41'27.56"
 BOTTOM HOLE INFORMATION:
 N: 292,415ft E: 1,661,365ft
 LAT: 39°17'48.0" LON: 80°41'47.7"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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 2-H TOP HOLE INFORMATION:
 N: 4,347,473m E: 526,669m
 BOTTOM HOLE INFORMATION:
 N: 4,349,752m E: 526,179m

PAD LAYOUT



NOT TO SCALE



LEGEND

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

JOB # 12-002
 DRAWING # NEELYUNIT1HP
 SCALE 1" = 1000'
 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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



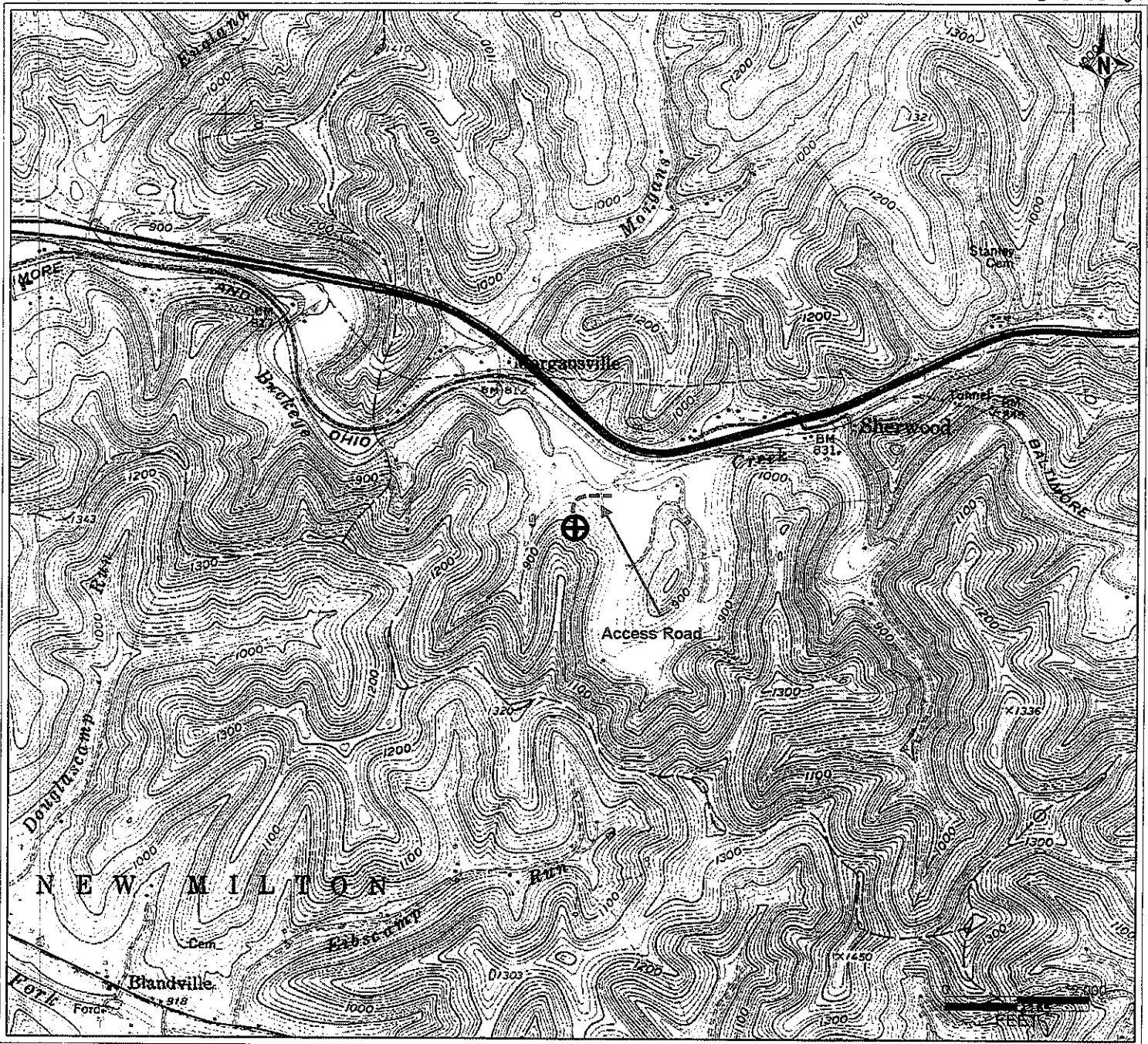
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202
 DATE 5/14/12
 OPERATOR'S WELL # LEATHERMAN UNIT 2H
 API WELL #

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

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 017 - 06085H6A
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 881' WATERSHED BUCKEYE CREEK DISTRICT GRANT COUNTY DODDRIDGE
 QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER DENNIS H. AND MELLIE POWELL ACREAGE 260 ACRES +/-
 OIL & GAS ROYALTY OWNER DENNIS POWELL ET AL; WV STATE RAIL AUTHORITY LEASE ACREAGE 260.8 AC; 301.19 AC;
J.W. HYATT ET AL; M. N. OFFUT ET AL; ROSS LEATHERMAN ET UX; DOMINION EXPLORATION AND PRODUCTION INC.; M. M. NEELY ET AL
 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 7,200' TVD 15,600' MD
 TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD
CHARLESTON, WV 25313



Antero Resources Corporation

APPALACHIAN BASIN

Leatherman Unit 2H

Doddridge County



REMARKS
 QUADRANGLE: SMITHBURG
 WATERSHED: BUCKEYE CREEK
 DISTRICT: GRANT

Date: 01/23/12