

LATITUDE 39°12'30"

3,256'

8,661' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°55'00"

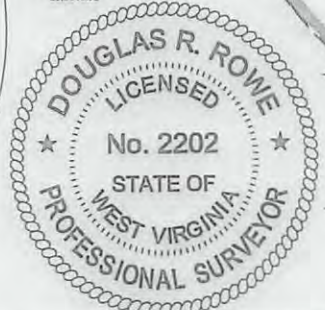
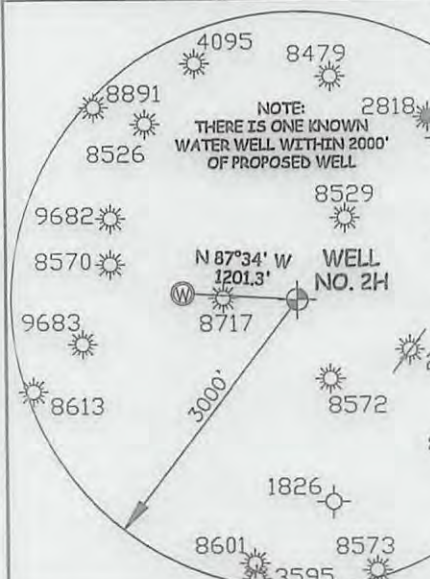
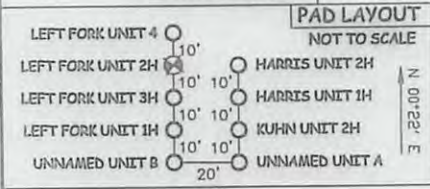
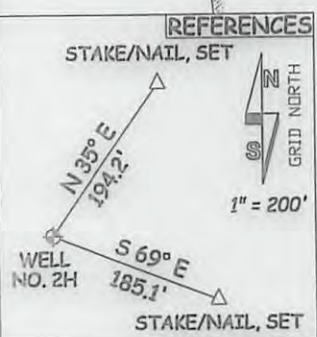
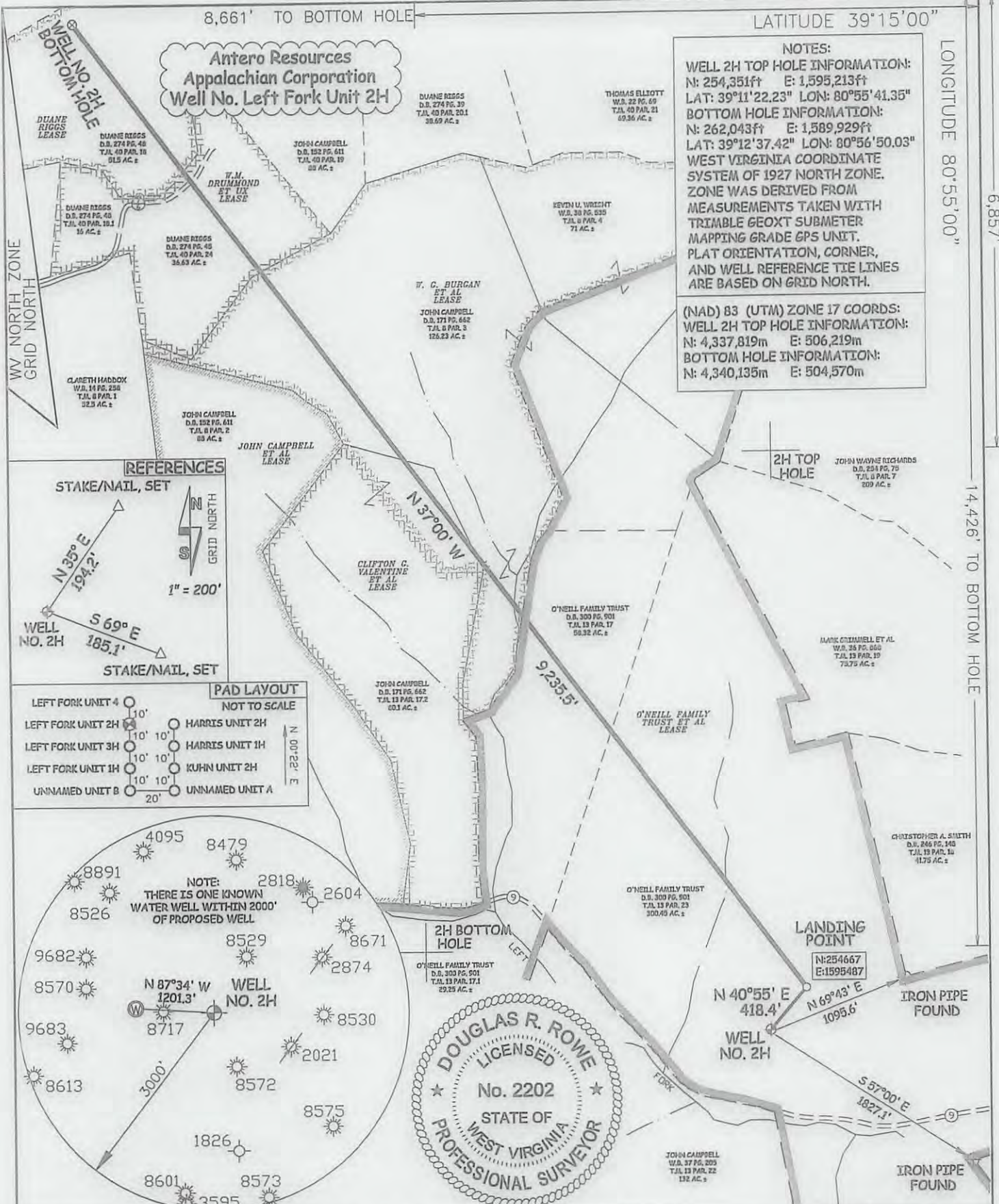
6,857'

14,426' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Left Fork Unit 2H

NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 254,351ft E: 1,595,213ft
 LAT: 39°11'22.23" LON: 80°55'41.35"
BOTTOM HOLE INFORMATION:
 N: 262,043ft E: 1,589,929ft
 LAT: 39°12'37.42" LON: 80°56'50.03"
 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 2H TOP HOLE INFORMATION:
 N: 4,337,819m E: 506,219m
BOTTOM HOLE INFORMATION:
 N: 4,340,135m E: 504,570m



JOB # 12-045
 DRAWING # LEFTFORKUNIT2HR1
 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

LEGEND

Surface Owner Boundary Lines +/-

Interior Surface Tracts +/-

Existing Fence

Found monument, as noted

DyCRR

DOUGLAS R. ROWE P.S. 2202

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

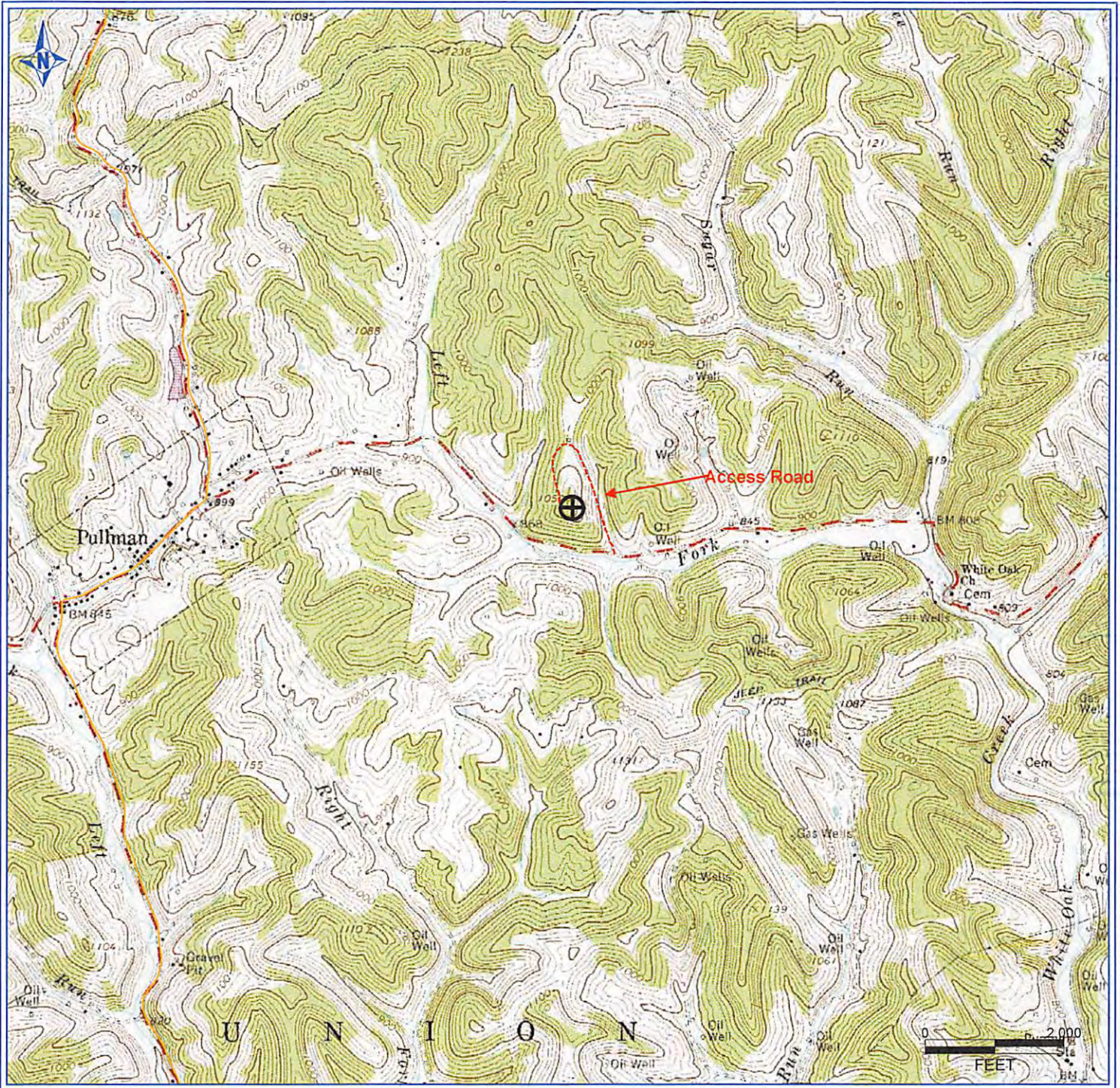
LOCATION: ELEVATION 1,022' WATERSHED LEFT FORK
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

SURFACE OWNER O'NEILL FAMILY TRUST ET AL ACREAGE 300.45 ACRES +/-
 OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; LEASE ACREAGE 517.83 ACRES+;
 W. G. BURGAN ET AL; CLIFTON G. VALENTINE ET AL; W.M. DRUMMOND ET UX; DUANE RIGGS 126.23 ACRES+; 80.1 ACRES+; 58 ACRES+; 52 ACRES+;

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) Blk - Permit Modification PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 16,400' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER 10/11/2013
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

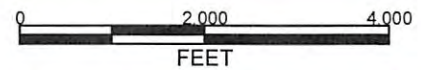


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Antero Resources Corporation

APPALACHIAN BASIN

Left Fork Unit 2H
Ritchie County



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 7/05/2012

RECEIVED
 GAS & OIL & CO.
 JUL 19 2012
 West Virginia Department of
 Environmental Protection