

LATITUDE 39°12'30"

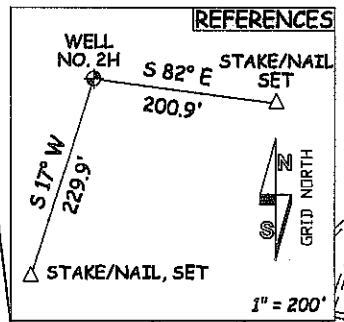
4,775'

LONGITUDE 80°55'00"

12,191'

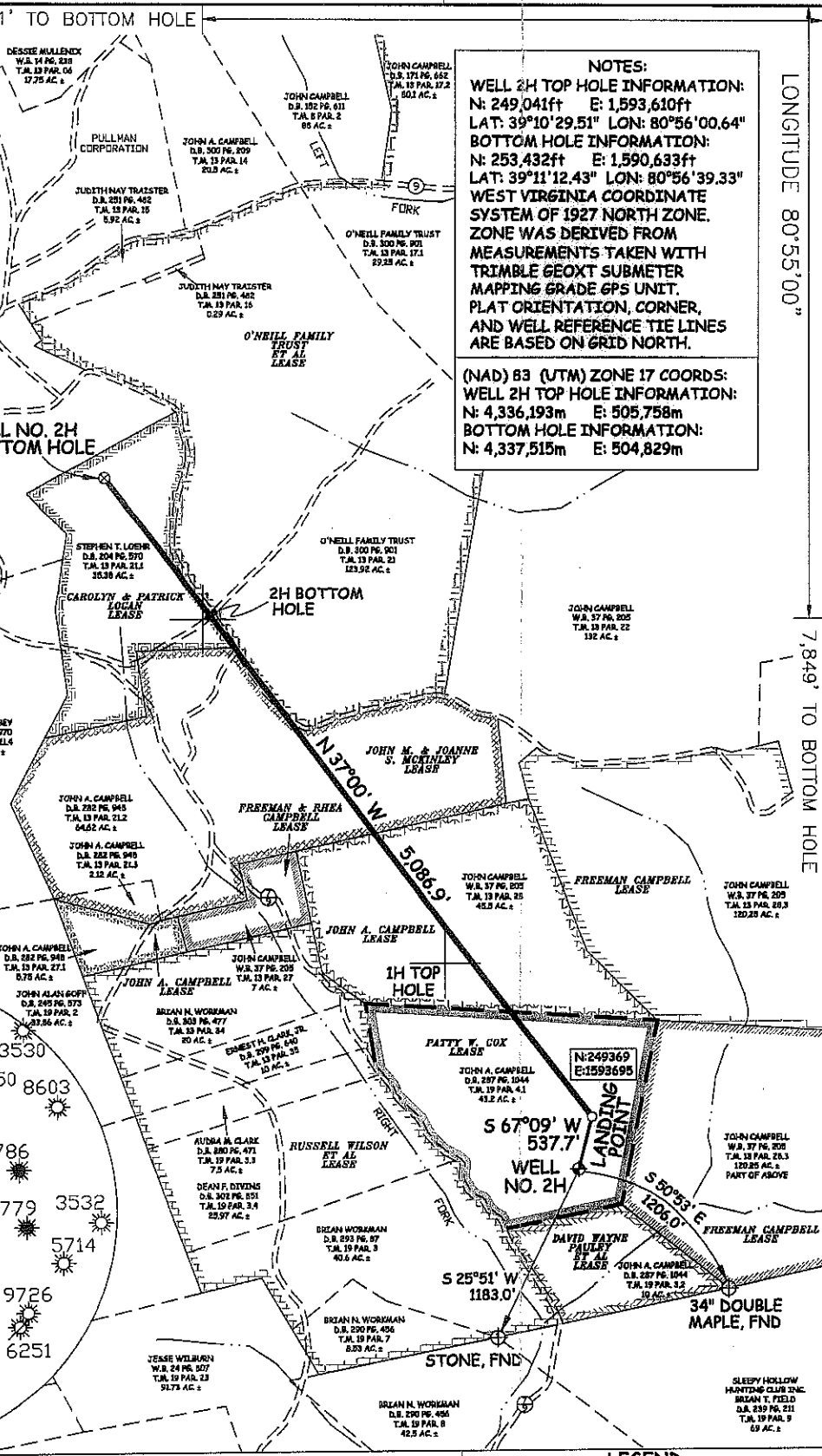
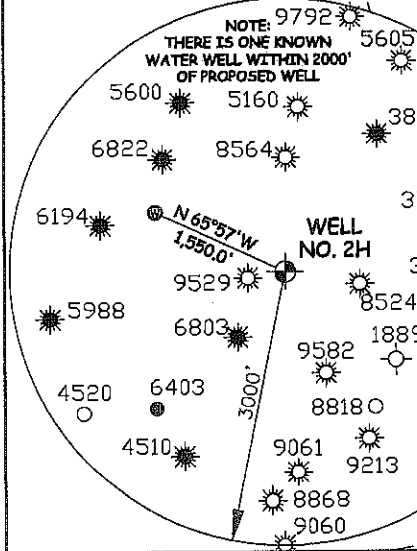
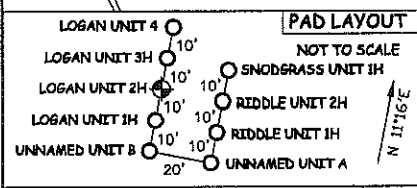
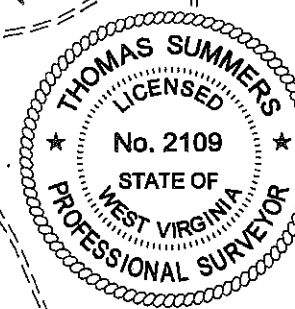
7,849' TO BOTTOM HOLE

Antero Resources Appalachian Corporation Well No. Logan Unit 2H



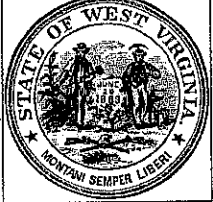
NOTES: WELL 2H TOP HOLE INFORMATION: N: 249,041ft E: 1,593,610ft LAT: 39°10'29.51" LON: 80°56'00.64" BOTTOM HOLE INFORMATION: N: 253,432ft E: 1,590,633ft LAT: 39°11'12.43" LON: 80°56'39.33" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,336,193m E: 505,758m BOTTOM HOLE INFORMATION: N: 4,337,515m E: 504,829m



JOB # 12-044
DRAWING # LOGANUNIT2H
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 +/-
X Existing Fence
Found monument, as noted

THOMAS SUMMERS P.S. 2109
DATE 06/28/12

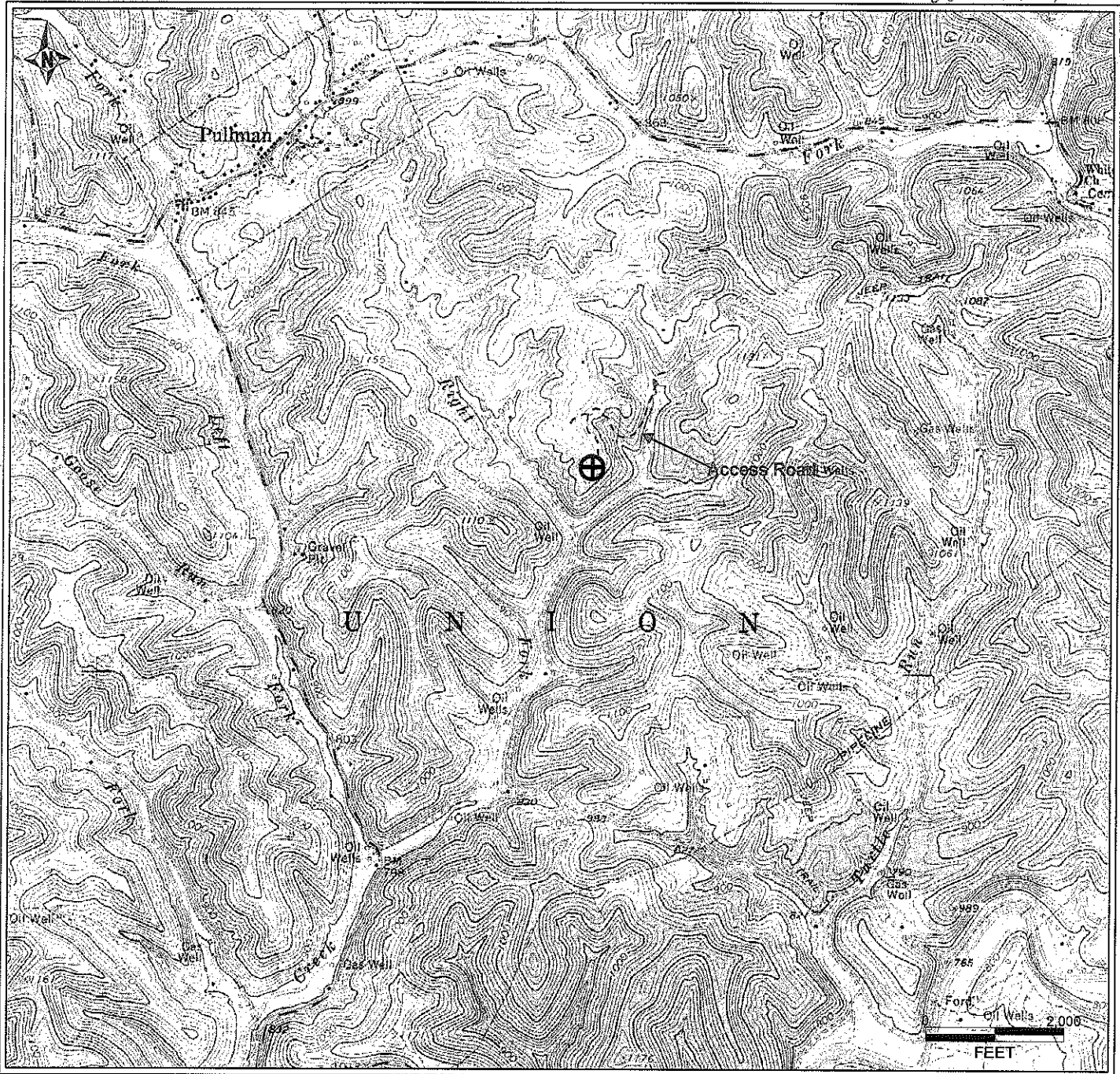
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,029' WATERSHED LEFT FORK & RIGHT FORK
QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE

OPERATOR'S WELL # LOGAN UNIT #2H
API WELL # 47 - 085 - 09984 H6A
STATE COUNTY PERMIT

SURFACE OWNER JOHN A. & LINDA J. CAMPBELL ACREAGE 43.2 ACRES +/-
OIL & GAS ROYALTY OWNER PATTY W. COX; JOHN A. CAMPBELL; LEASE ACREAGE 43.2 AC±; 45.5 AC±
JOHN M. & JOANNE S. MCKINLEY; O'NEILL FAMILY TRUST ET AL; CAROLYN & PATRICK LOGAN 66.74 AC±; 517.83 AC±; 35.38 AC±
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 MARCELLUS ESTIMATED DEPTH 6,800' TVD 12,600' MD

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25310
FORM WW-6 05/2012

88-09984



PETRA 6/26/2012 2:25:10 PM

Antero Resources Corporation
APPALACHIAN BASIN
Logan Unit 2H Ritchie County
REMARKS QUADRANGLE: PULLMAN WATERSHED: LEFT FORK & RIGHT FORK DISTRICT: UNION
Date: 6/26/2012 10/05/2012