

LATITUDE 39°12'30"

3,260'

6,151' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°55'00"

6,842'

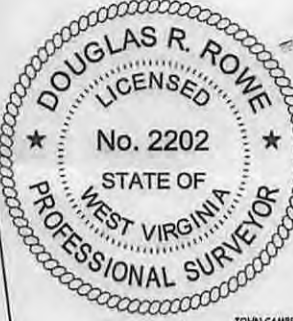
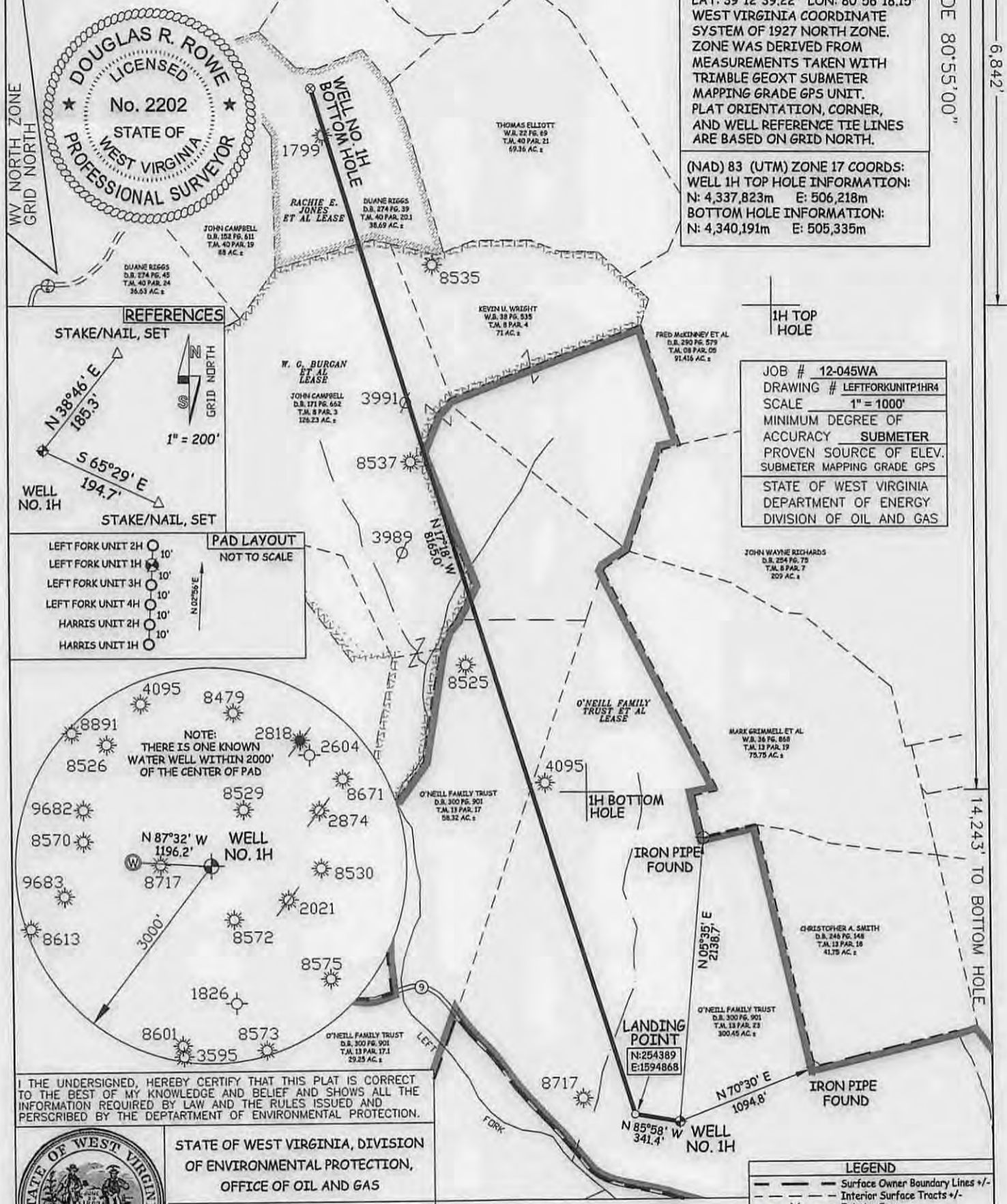
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

Antero Resources Corporation Well No. Left Fork Unit 1H

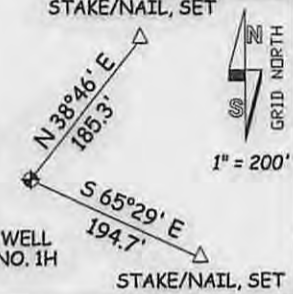
NOTES: WELL 1H TOP HOLE INFORMATION: N: 254,365ft E: 1,595,209ft LAT: 39°11'22.38" LON: 80°55'41.41" BOTTOM HOLE INFORMATION: N: 262,186ft E: 1,592,441ft LAT: 39°12'39.22" LON: 80°56'18.15" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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 1H TOP HOLE INFORMATION: N: 4,337,823m E: 506,218m BOTTOM HOLE INFORMATION: N: 4,340,191m E: 505,335m

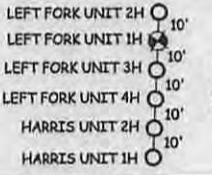
JOB # 12-045WA DRAWING # LEFTFORKUNIT1HR4 SCALE 1" = 1000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS



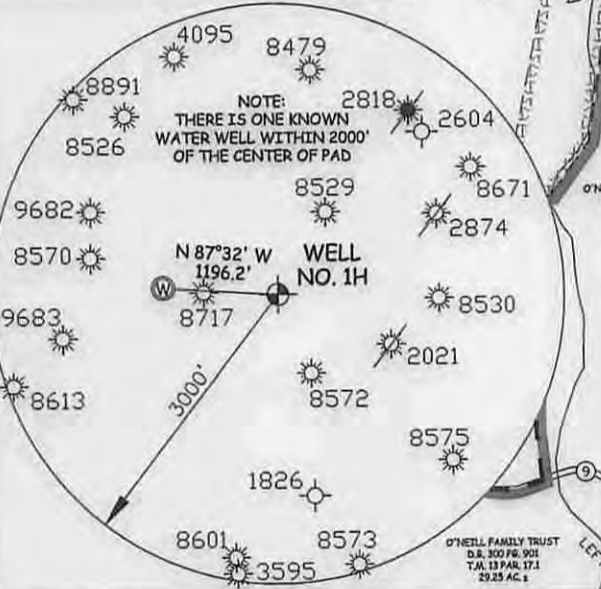
REFERENCES



PAD LAYOUT



NOTE: THERE IS ONE KNOWN WATER WELL WITHIN 2000' OF THE CENTER OF PAD



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.



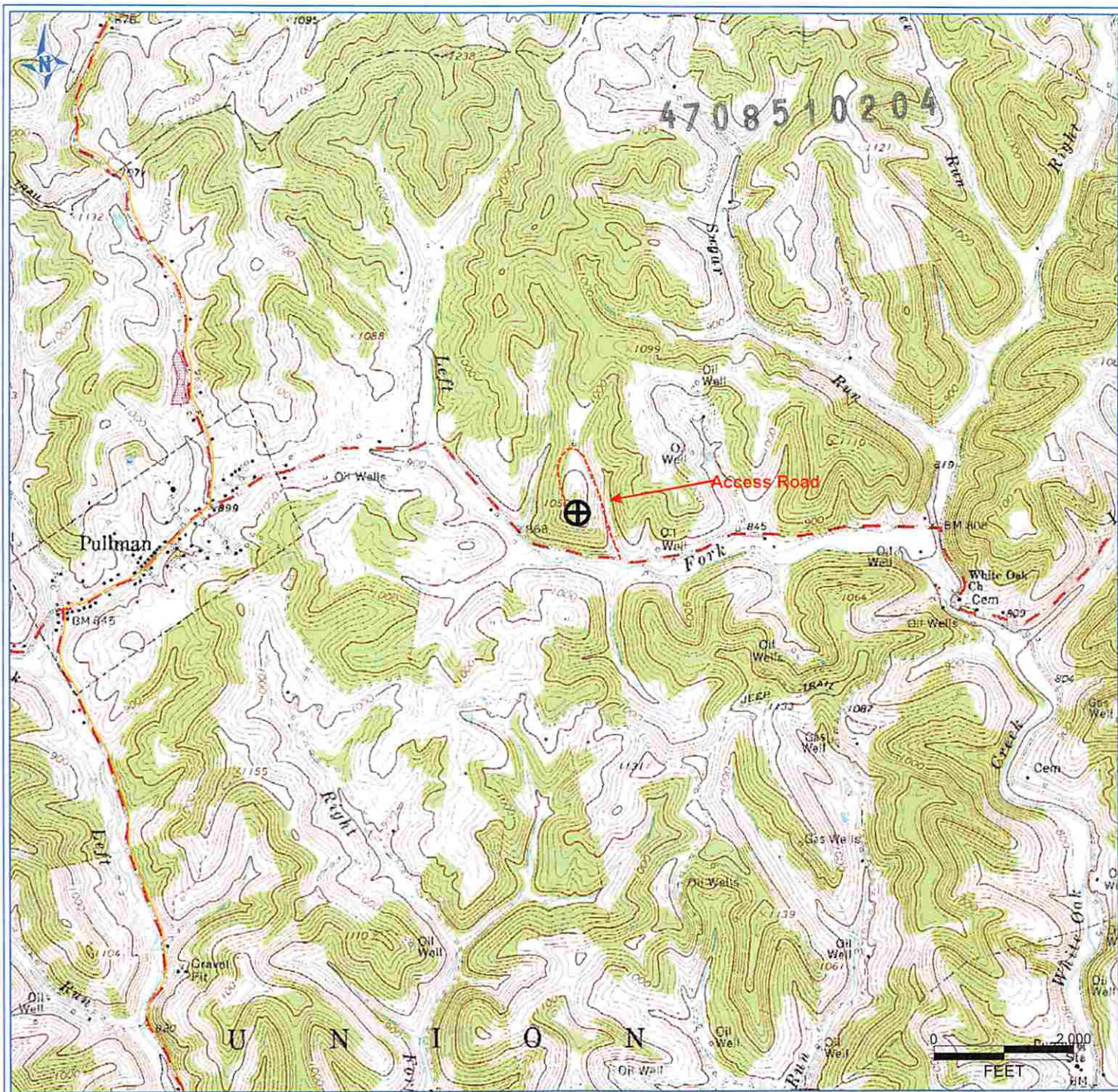
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DATE 01/09/15 OPERATOR'S WELL# LEFT FORK UNIT #1H

LEGEND: Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, Found monument, as noted. Includes signature of Douglas R. Rowe and permit number P.S. 2202.

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ API WELL # 47 - 085 - 10204 (HGA) LOCATION: ELEVATION 1,019' 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; W. G. BURGAN ET AL; RACHIE E. JONES ET AL LEASE ACREAGE 517.83 ACRES+; 154 ACRES+; 39 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 MARCELLUS ESTIMATED DEPTH 6,500' TVD 15,200' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313



PETRA 6/26/2012 2:36:01 PM

**Antero Resources Corporation**

APPALACHIAN BASIN

Left Fork Unit 1H  
Ritchie County



REMARKS  
 QUADRANGLE: PULLMAN  
 WATERSHED: SOUTH FORK HUGHES RIVER  
 DISTRICT: UNION

Date: 7/05/2012

RECEIVED  
 Office of Oil and Gas  
 FEB 13 2015  
 WV Department of  
 Environmental Protection