

LATITUDE 39°12'30"

7,425'

3,679' TO BOTTOM HOLE

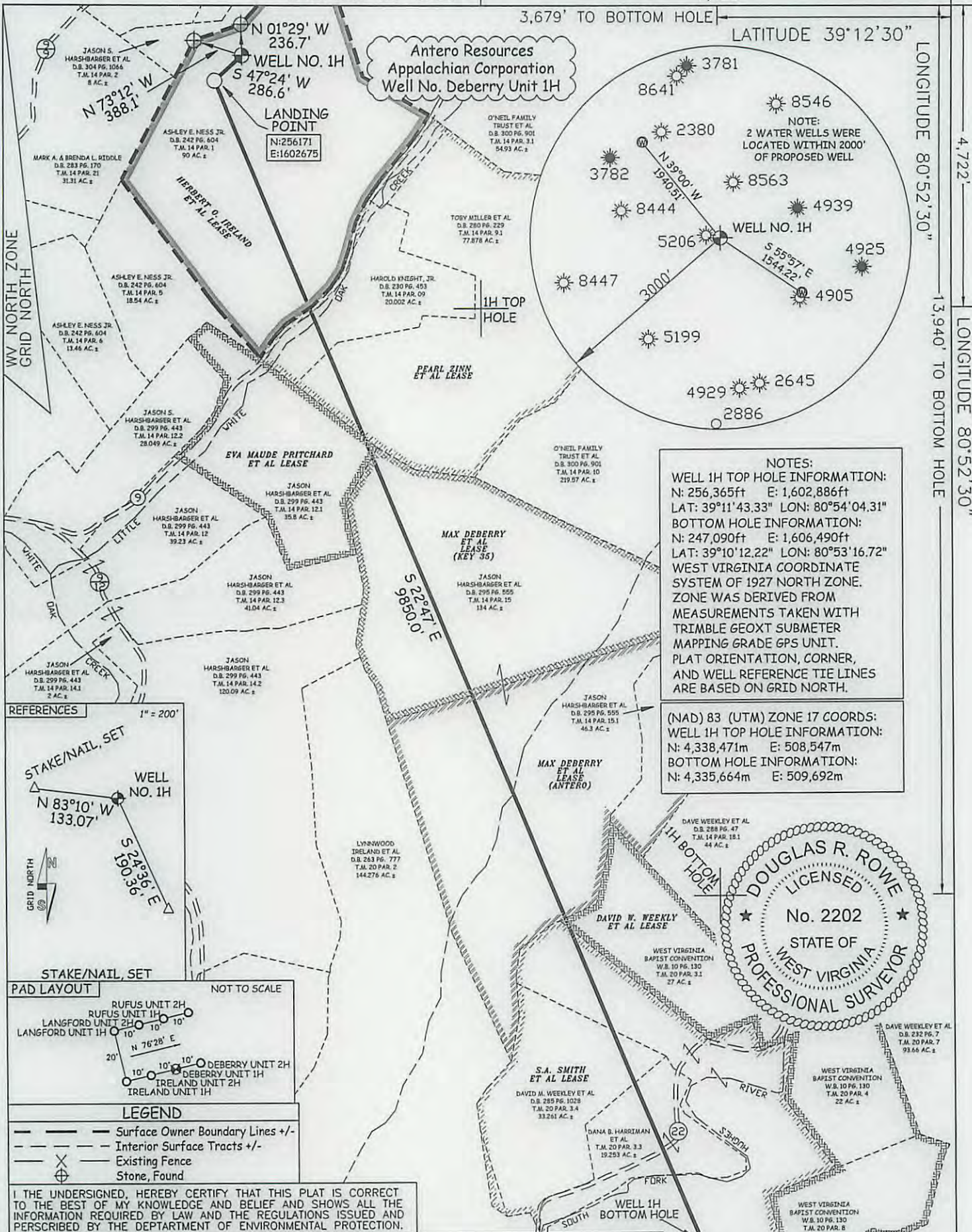
LATITUDE 39°12'30"

LONGITUDE 80°52'30"

4,722'

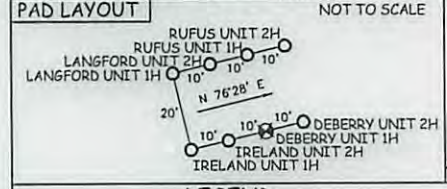
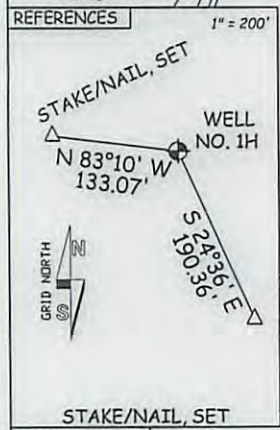
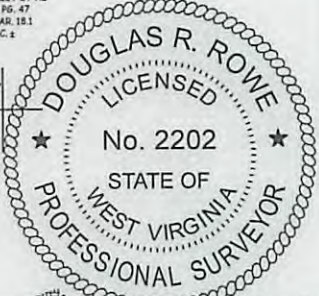
LONGITUDE 80°52'30"

13,940' TO BOTTOM HOLE



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 256,365ft E: 1,602,886ft
 LAT: 39°11'43.33" LON: 80°54'04.31"
 BOTTOM HOLE INFORMATION:
 N: 247,090ft E: 1,606,490ft
 LAT: 39°10'12.22" LON: 80°53'16.72"
 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: 4,338,471m E: 508,547m
 BOTTOM HOLE INFORMATION:
 N: 4,335,664m E: 509,692m



- LEGEND**
- Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 - X Existing Fence
 - ⊕ Stone, Found

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.

JOB # 12-058WA
 DRAWING # DEBERRY1H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



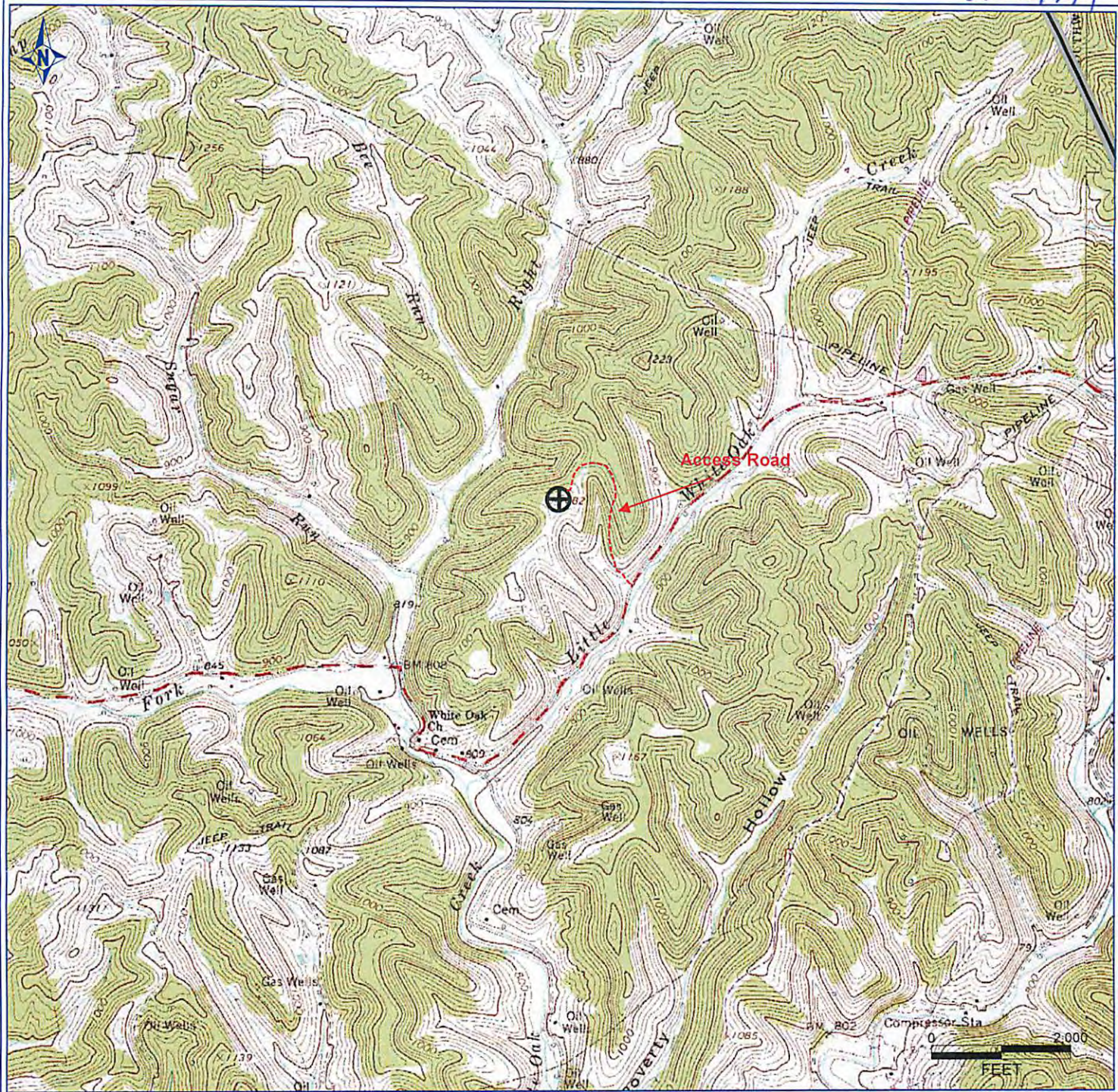
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202
 DATE 08/28/12
 OPERATOR'S WELL# DEBERRY UNIT #1H
 API WELL # 47 - 085 - 09999H6A
 STATE COUNTY PERMIT

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 1,075' WATERSHED LITTLE WHITE OAK CREEK
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER ASHLEY E. NESS JR. ACREAGE 90 ACRES +/-
 OIL & GAS ROYALTY OWNER HERBERT O. IRELAND ET AL; PEARL ZINN ET AL; EVA MAUDE PRITCHARD ET AL; LEASE ACREAGE 90 ACRES±; 100 ACRES±; 35 ACRES±; MAX DEBARRY ET AL (KEY 35); MAX DEBERRY ET AL (ANTERO); DAVID W. WEEKLY ET AL; S.A. SMITH ET AL 80 ACRES±; 100 ACRES±; 71 ACRES±; 145 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 6,900' TVD 17,000' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

11/23/2012

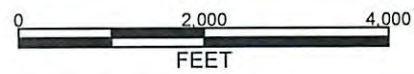


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Antero Resources Corporation

APPALACHIAN BASIN

Deberry Unit 1H
Ritchie County



REMARKS
QUADRANGLE: PULLMAN
WATERSHED: LEFT FORK
DISTRICT: UNION

Date: 8/29/2012

RECEIVED
Office of Oil & Gas

SEP 07 2012

WV Department of
Environmental Protection