

LATITUDE 39°12'30"

7,435'

4,565' TO BOTTOM HOLE

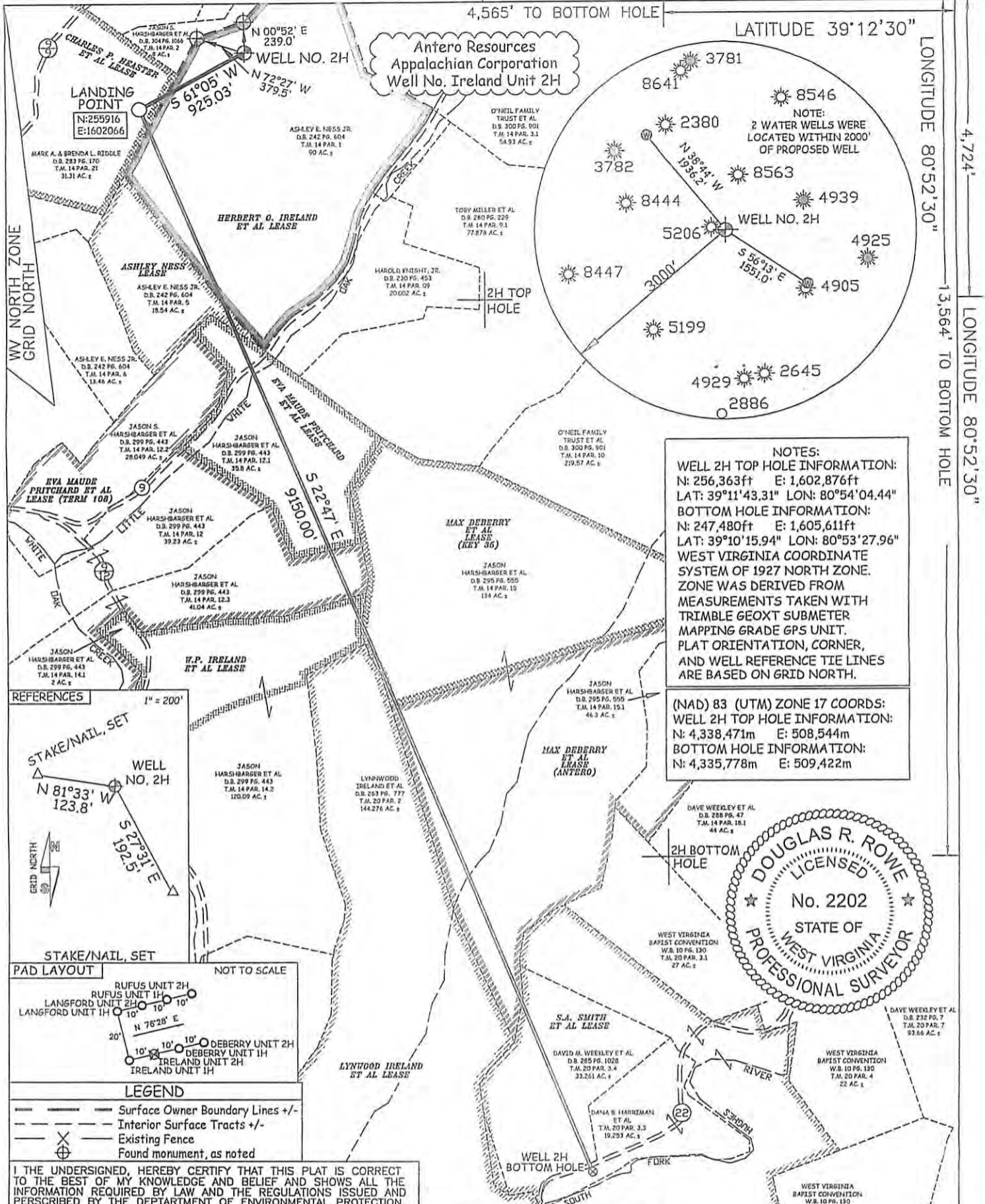
LATITUDE 39°12'30"

LONGITUDE 80°52'30"

4,724'

LONGITUDE 80°52'30"

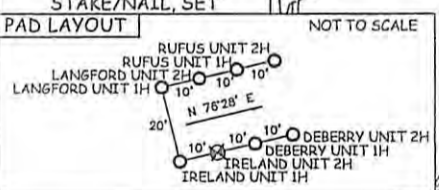
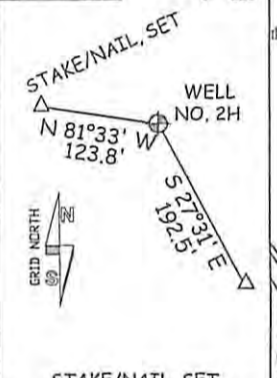
13,564' TO BOTTOM HOLE



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 256,363ft E: 1,602,876ft
 LAT: 39°11'43.31" LON: 80°54'04.44"
 BOTTOM HOLE INFORMATION:
 N: 247,480ft E: 1,605,611ft
 LAT: 39°10'15.94" LON: 80°53'27.96"
 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: 4,338,471m E: 508,544m
 BOTTOM HOLE INFORMATION:
 N: 4,335,778m E: 509,422m

REFERENCES 1" = 200'



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

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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

JOB # 12-059WA
 DRAWING # IRELAND2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



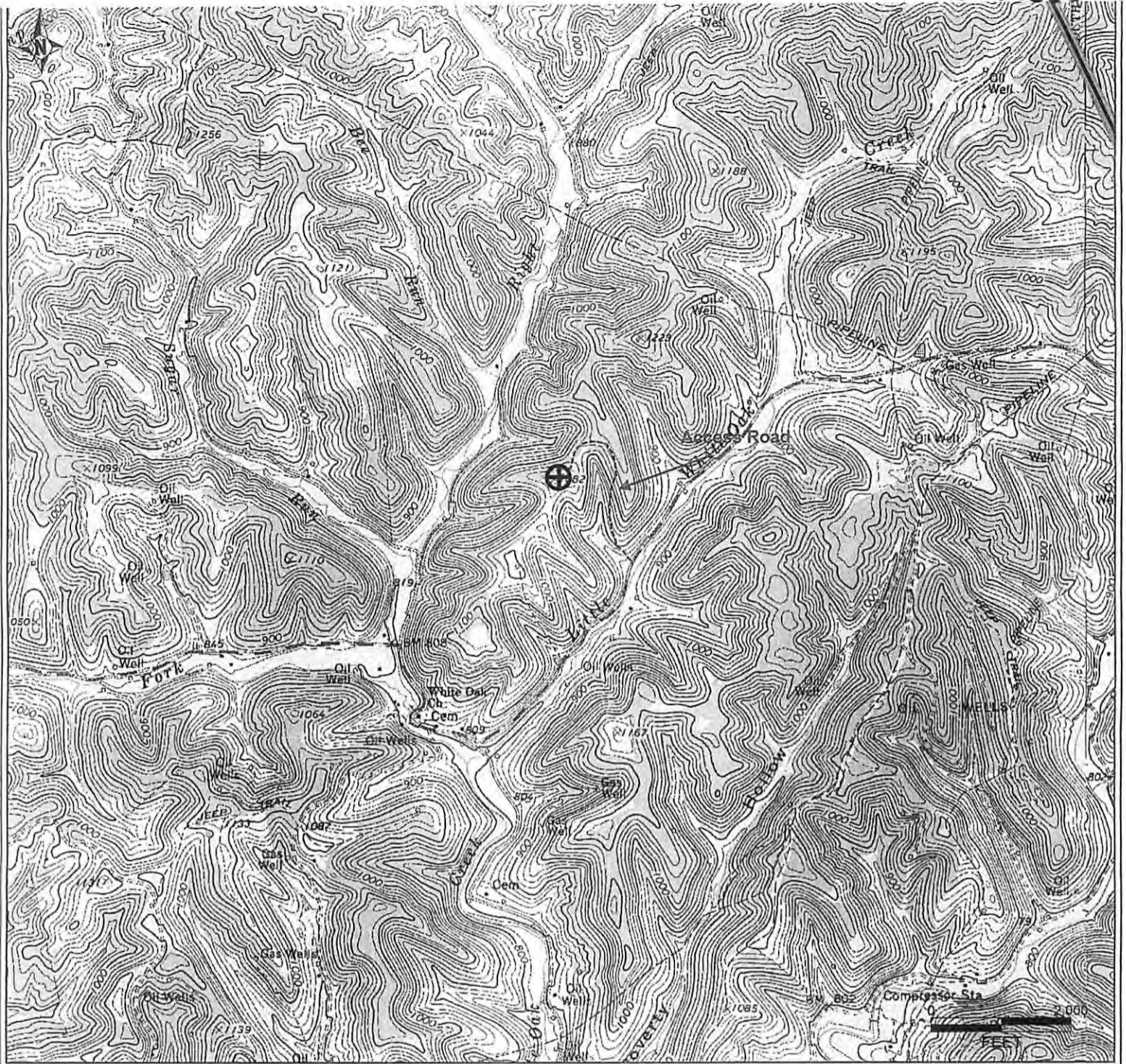
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DOUGLAS R. ROWE P.S. 2202
 DATE 09/06/12
 OPERATOR'S WELL# IRELAND UNIT#2H
 API WELL # 47 - 085 - 10006 H6A

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 1,075' 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; CHARLES P. HEASTER ET AL; ASHLEY NESS; LEASE ACREAGE 90 AC.±; 234.5 AC.±; 18.54 AC.±; 35 AC.±; EVA MAUDE PRITCHARD ET AL; EVA MAUDE PRITCHARD ET AL (TERM 108); W.P. IRELAND ET AL; MAX DEBERRY ET AL (KEY 35); MAX DEBERRY ET AL (ANTERO); SA SMITH ET AL 108 AC.±; 34 AC.±; 80 AC.±; 100 AC.±; 145 AC.±
 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
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 16,400' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
 DENVER, CO 80202 CHARLESTON, WV 25313

02/08/2013

85-10006



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Antero Resources Corporation
APPALACHIAN BASIN
Ireland Unit 2H Ritchie County
REMARKS QUADRANGLE: PULLMAN WATERSHED: LEFT FORK DISTRICT: UNION
Date: 7/05/2012

02/08/2013