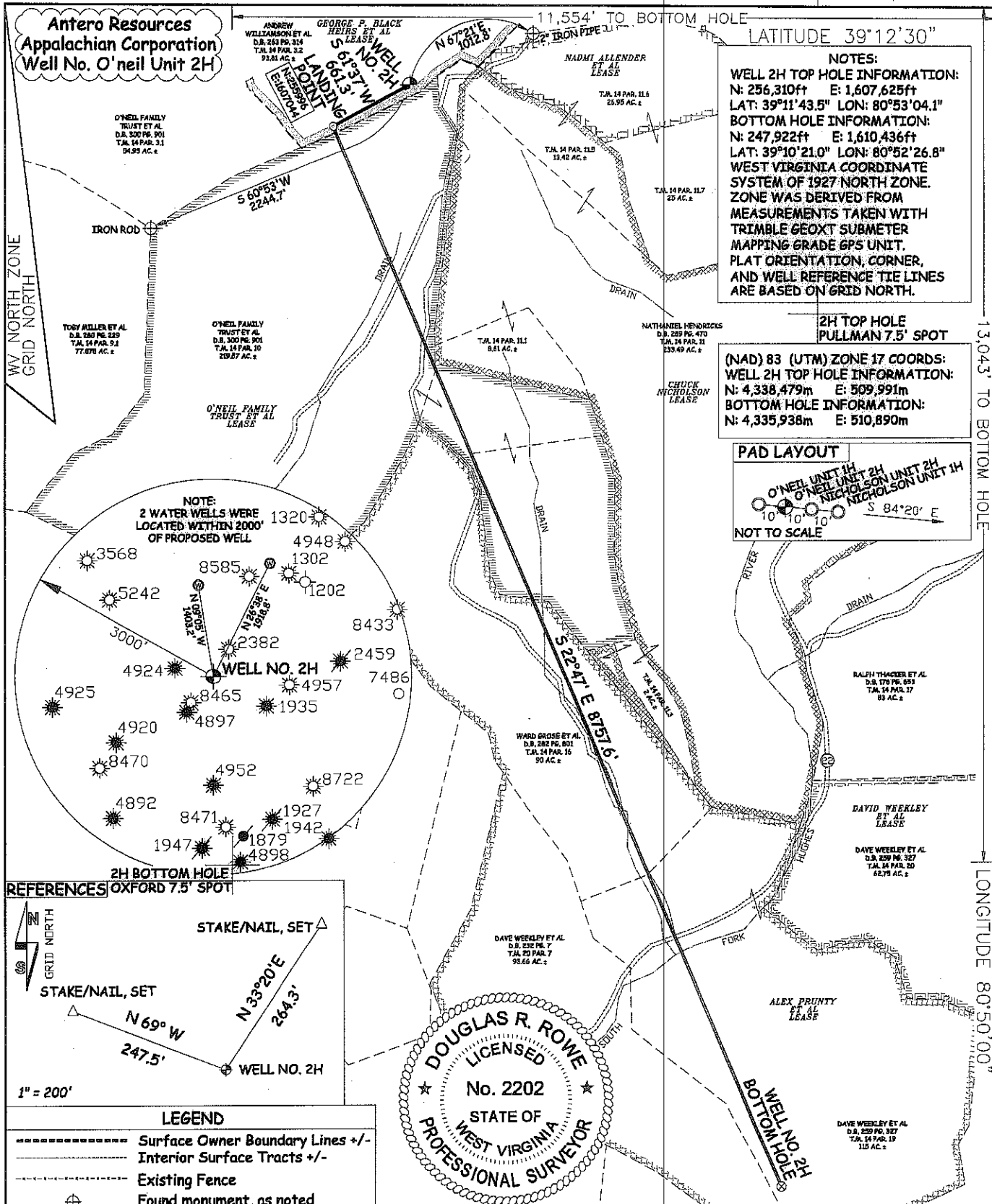


LATITUDE 39°12'30" 2,685'

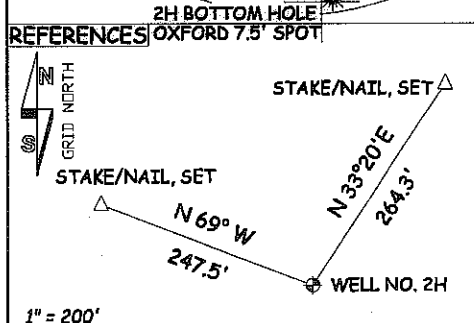
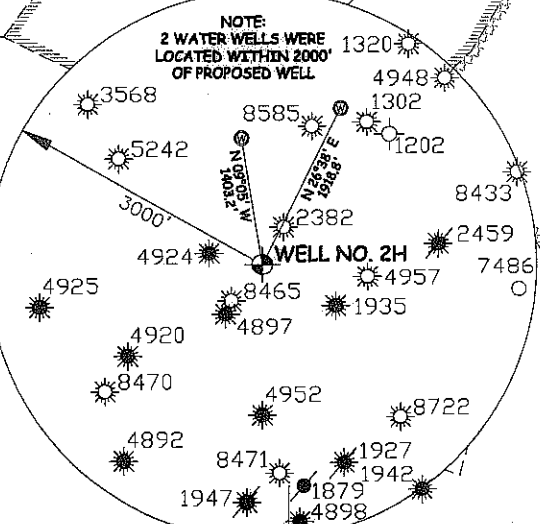
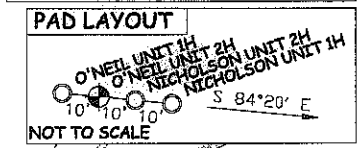
LATITUDE 39°12'30"

Antero Resources
Appalachian Corporation
Well No. O'neil Unit 2H



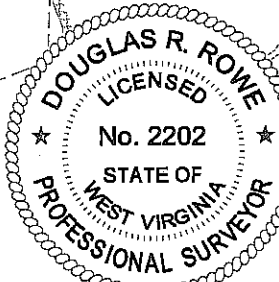
NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 256,310ft E: 1,607,625ft
 LAT: 39°11'43.5" LON: 80°53'04.1"
 BOTTOM HOLE INFORMATION:
 N: 247,922ft E: 1,610,436ft
 LAT: 39°10'21.0" LON: 80°52'26.8"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

2H TOP HOLE PULLMAN 7.5' SPOT
 (NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 2H TOP HOLE INFORMATION:
 N: 4,338,479m E: 509,991m
 BOTTOM HOLE INFORMATION:
 N: 4,335,938m E: 510,890m



LEGEND

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



JOB # 12-009
 DRAWING # O'NEILUNIT2H
 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 PRESCRIBED 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

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 1,142' WATERSHED LITTLE WHITE OAK CREEK

DATE 03/20/12
 OPERATOR'S WELL# O'NEIL UNIT #2H

API WELL # 47 - 085 - 9966H6A
 STATE COUNTY PERMIT

QUADRANGLE PULLMAN 7.5' (TH); OXFORD 7.5' (BH) DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER ANDREW WILLIAMSON ET AL ACREAGE 93.81 ACRES +/-
 OIL & GAS ROYALTY OWNER GEORGE P. BLACK HEIRS ET AL; O'NEIL FAMILY TRUST ET AL; CHUCK NICHOLSON; ALEX PRUNTY ET AL LEASE ACREAGE 93 ACRES +/-; 226 ACRES+; 315 ACRES+; 300 ACRES+

PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 16,300' MD

COUNTY NAME RITCHIE

WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

PERMIT DIANNA STAMPER
 CT CORPORATION SYSTEM

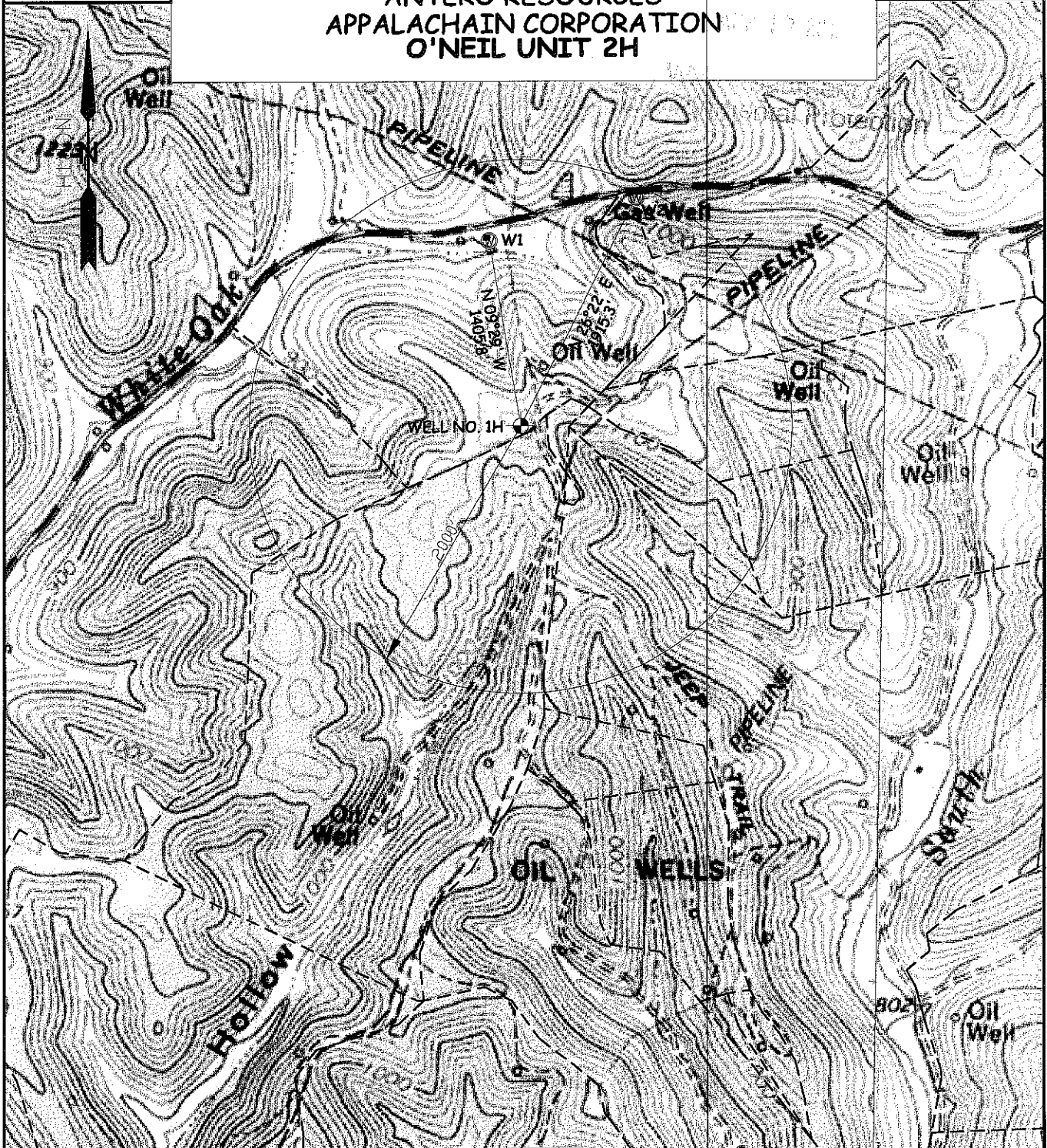
85-9966

RECEIVED

FORM WW-9

ANTERO RESOURCES
APPALACHIAN CORPORATION
O'NEIL UNIT 2H

PAGE OF



WELL	SURFACE OWNER	ADDRESS
W1	ANDREW WILLIAMSON	731 FOUR MILE CREEK, BRANCLAND, WV 25506
W2	TRACY KNIGHT	P.O. BOX 138, PULLMAN, WV 26421

WILLOW LAND SURVEYING PLLC
 P.O. BOX 17, PENNSBORO, WV 26415
 (304) 659-1717

TOPO SECTION(S) OF ;

PULLMAN 7.5' QUAD
OXFORD 7.5' QUAD

SCALE : 1-INCH = 1000-FEET



DATE: 02/15/11

DRAWN BY: DRR