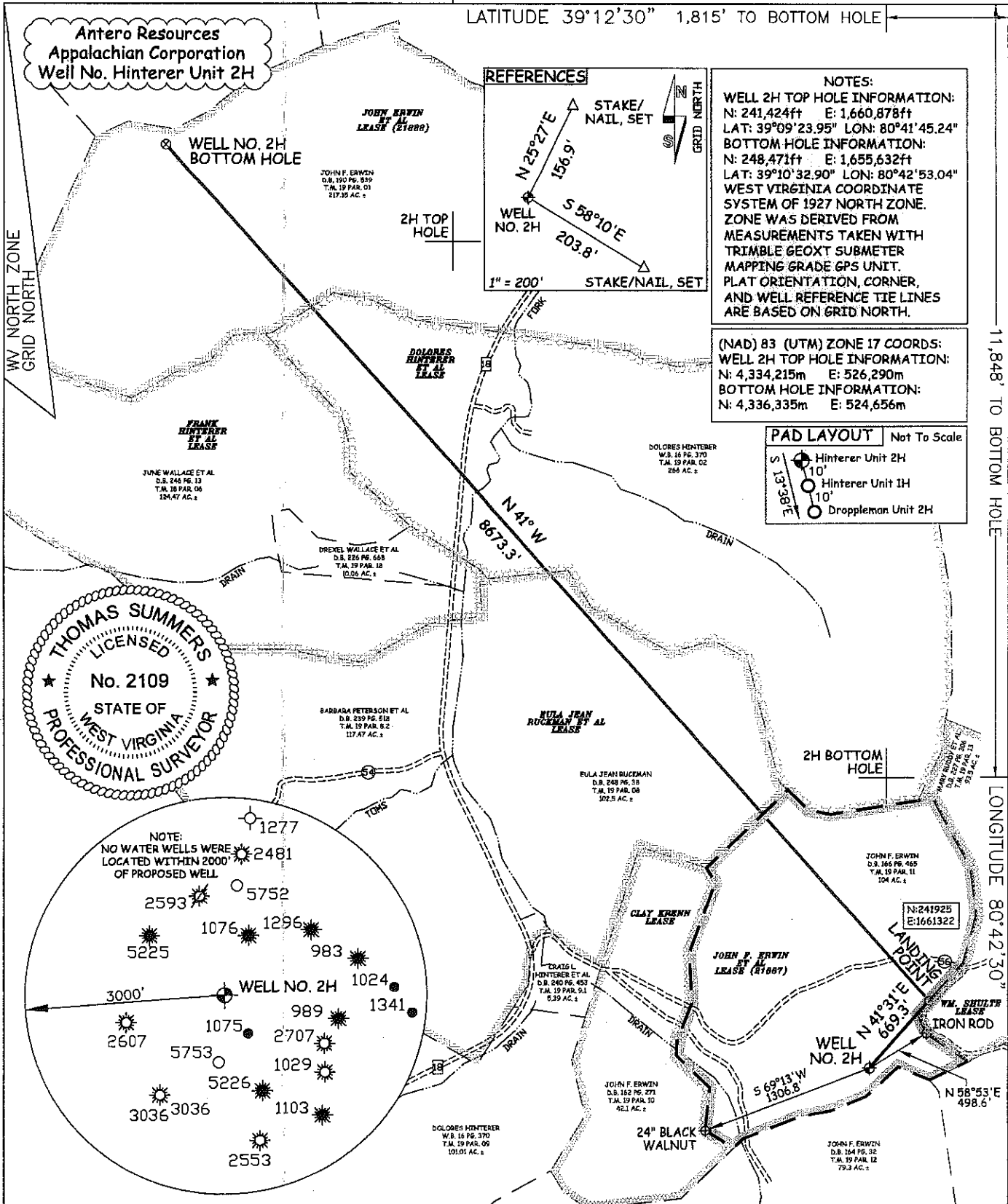


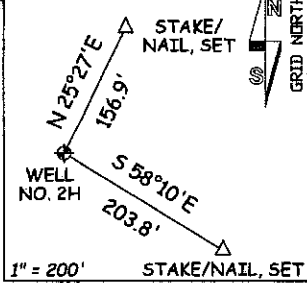
LATITUDE 39°10'00"

8,290'

LATITUDE 39°12'30" 1,815' TO BOTTOM HOLE

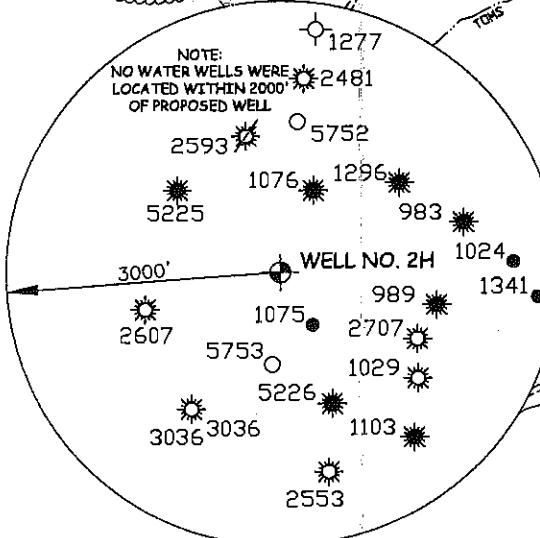
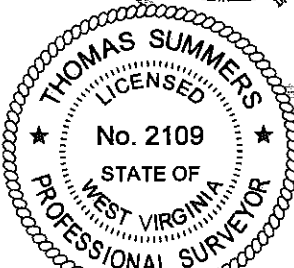
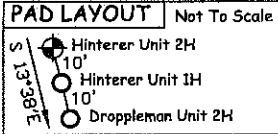


REFERENCES



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 241,424ft E: 1,660,878ft
 LAT: 39°09'23.95" LON: 80°41'45.24"
 BOTTOM HOLE INFORMATION:
 N: 248,471ft E: 1,655,632ft
 LAT: 39°10'32.90" LON: 80°42'53.04"
 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: 4,334,215m E: 526,290m
 BOTTOM HOLE INFORMATION:
 N: 4,336,335m E: 524,656m

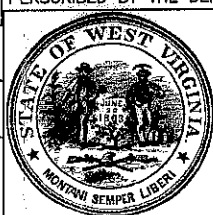


JOB # 12-014
 DRAWING # HINTERERUNITP2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
 STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,218' WATERSHED TRIBUTARY OF TOMS
 QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE
 SURFACE OWNER JOHN F. ERWIN ACREAGE 104 ACRES +/-
 OIL & GAS ROYALTY OWNER JOHN F. ERWIN ET AL (21887); EULA JEAN RUCKMAN ET AL; DOLORES HINTERER ET AL; JOHN F. ERWIN ET AL (21888) LEASE ACREAGE 104 ACRES+;
 235.72 ACRES+; 266 ACRES+; 218 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 7,200' TVD 16,500' 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 25313

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

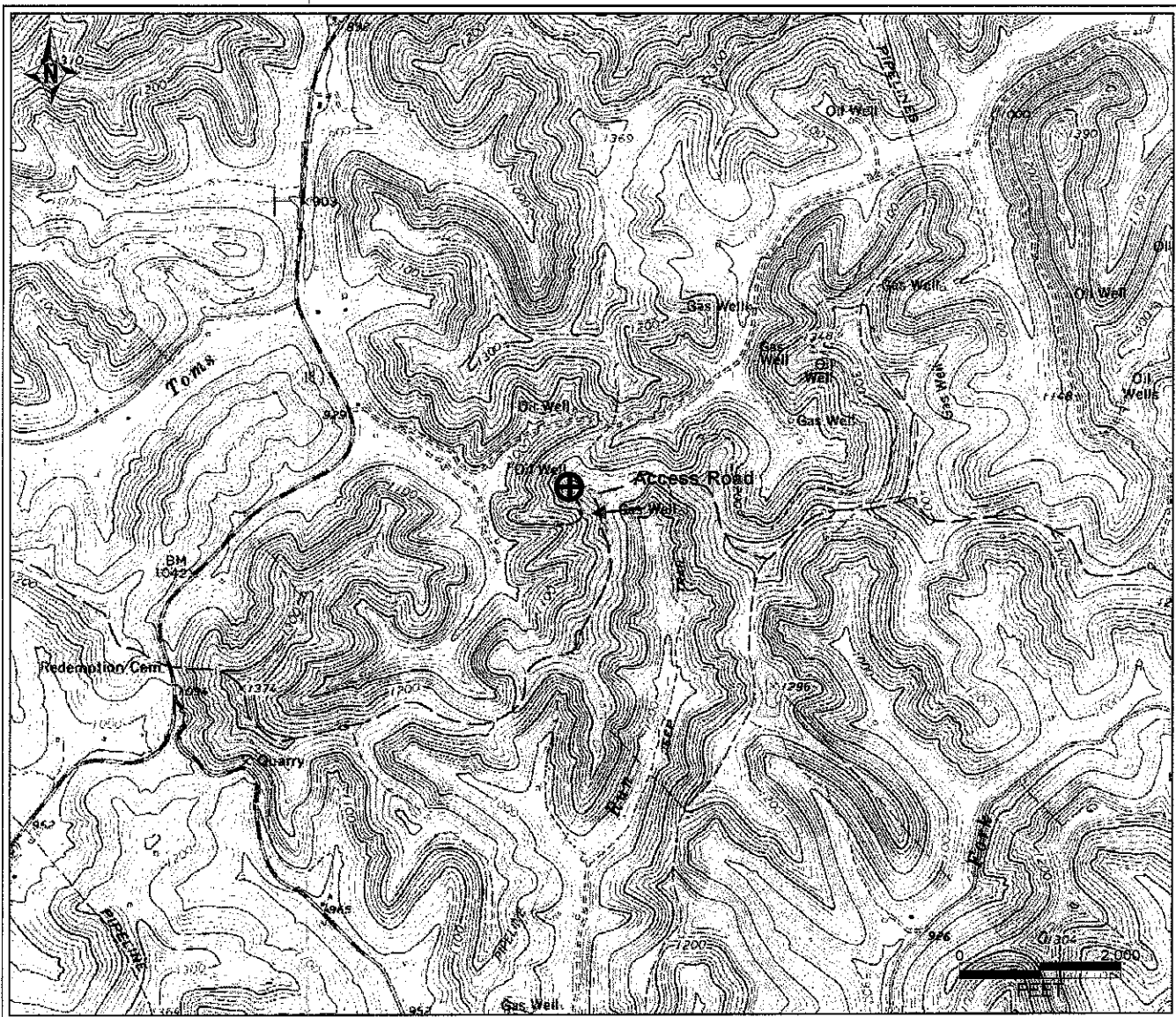
WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415



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

THOMAS SUMMERS P.S. 2109
 DATE 04/10/12
 OPERATOR'S WELL # HINTERER UNIT #2H
 API WELL # 47 - 017 - 6104H6A
 STATE COUNTY PERMIT

COUNTY NAME PERMIT



PETRA 3/27/2012 4:48:05 PM

RECEIVED
 APR 11 2012
 W. J. ...
 Doddridge County

Antero Resources Corporation
APPALACHIAN BASIN
Hinterer Unit 2H Doddridge County
REMARKS QUADRANGLE: NEW MILTON WATERSHED: TRIB. OF TOMS FORK DISTRICT: NEW MILTON
Date: 4/4/2012