

LATITUDE 39°20'00"

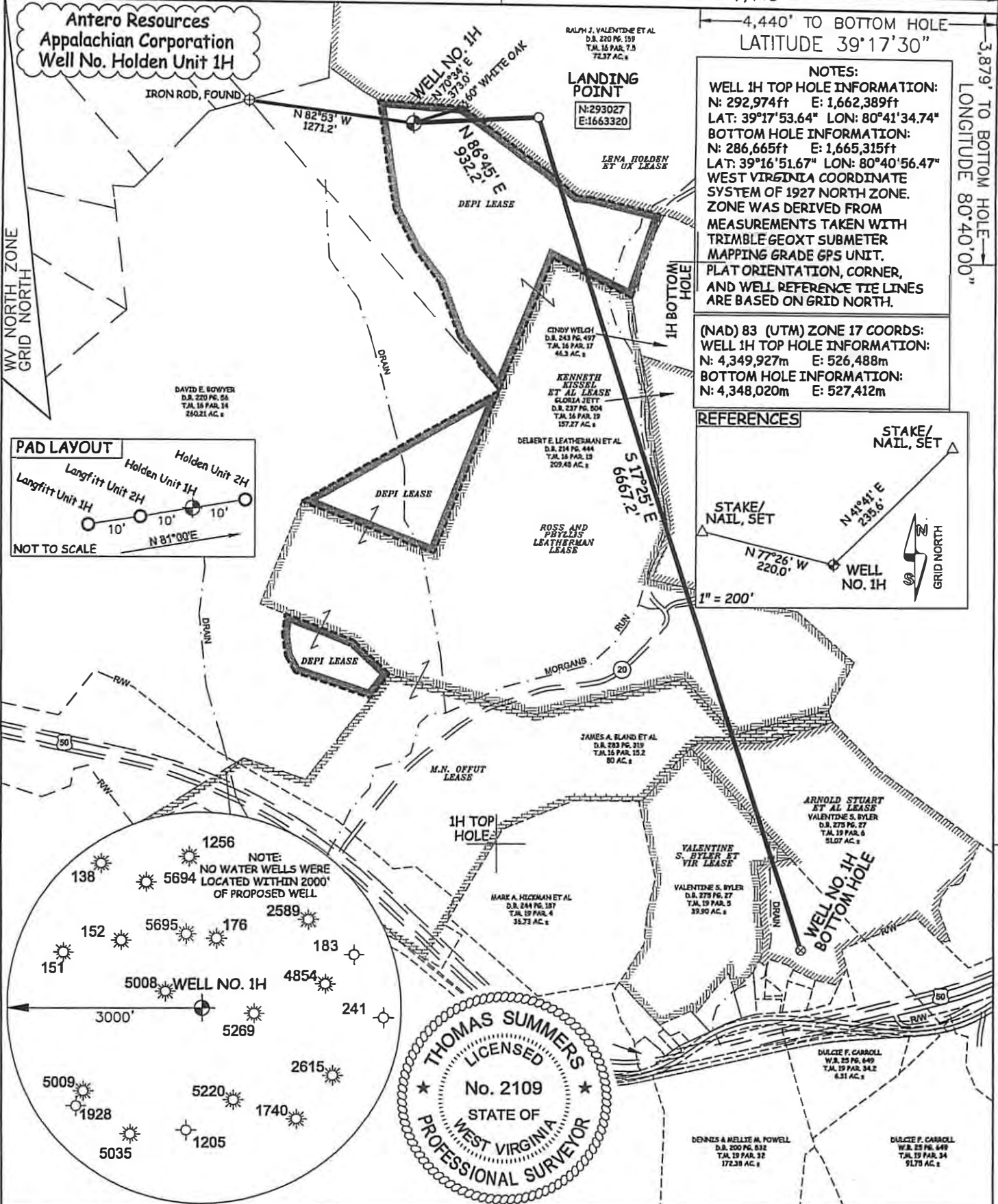
7,448'

4,440' TO BOTTOM HOLE  
LATITUDE 39°17'30"

3,879' TO BOTTOM HOLE  
LONGITUDE 80°40'00"

12,785'

LONGITUDE 80°40'00"



JOB # 12-084WA  
 DRAWING # HOLDENUNIT1H  
 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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

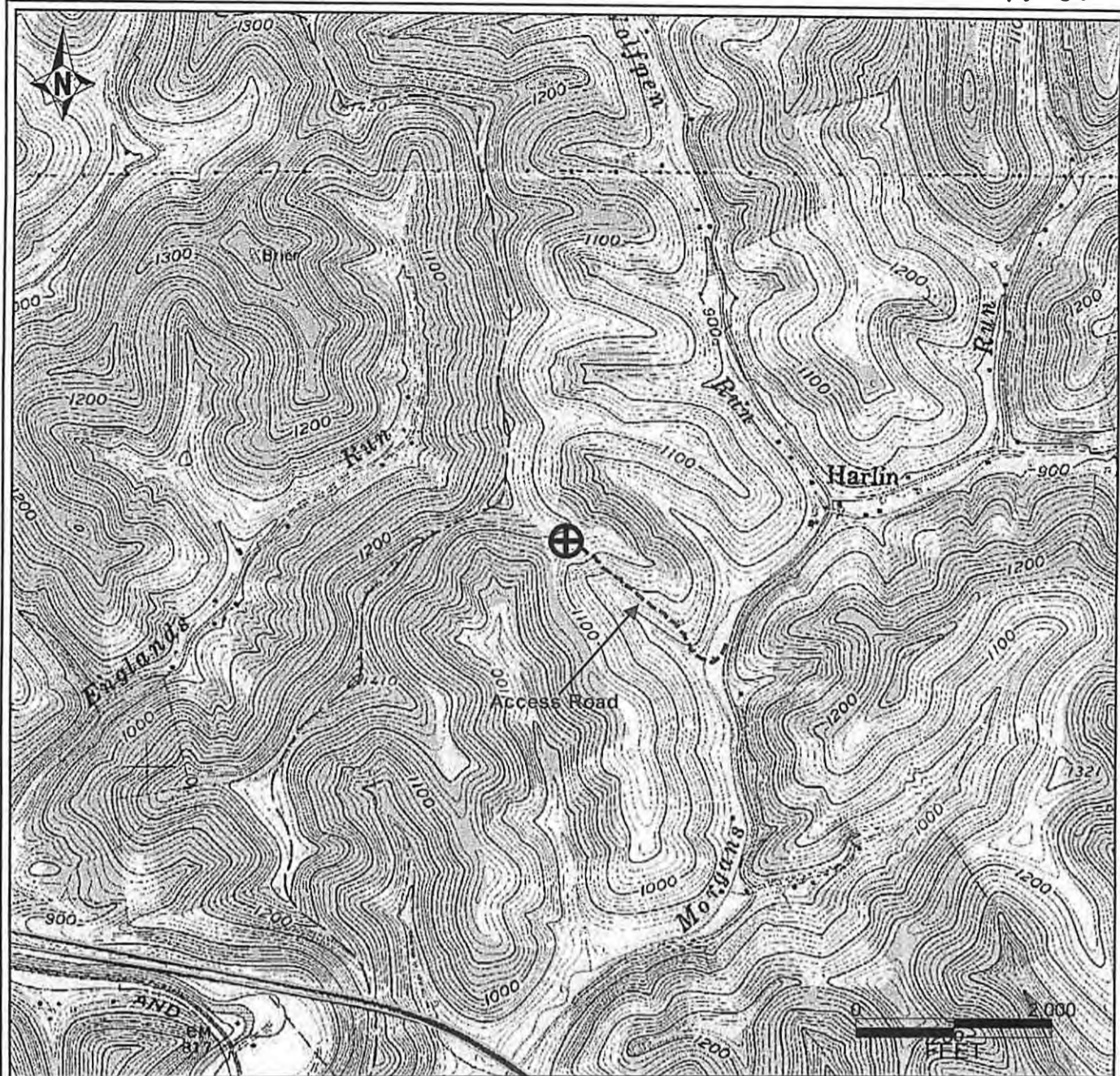
LEGEND  
 --- Surface Owner Boundary Lines +/-  
 - - - Interior Surface Tracts +/-  
 X Existing Fence  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109

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 1,180' WATERSHED MORGANS RUN  
 QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE  
 SURFACE OWNER DELBERT E. LEATHERMAN ET AL ACREAGE 209.48 ACRES +/-  
 OIL & GAS ROYALTY OWNER DEPI: LENA HOLDEN ET UX LEASE ACREAGE 71 ACRES +/- 82.5 ACRES +/-  
 ROSS AND PHYLLIS LEATHERMAN; KENNETH KISSEL ET AL; M.N. OFFUT; ARNOLD STUART ET AL; VALENTINE S. BYLER ET VIR 150 ACRES +/- 37.125 ACRES +/- 204 ACRES +/- 51 ACRES +/- 39.9 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 ARCELLUS ESTIMATED DEPTH 7,200' TVD 15,500' MD  
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER  
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM  
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

H6A

04/12/2013

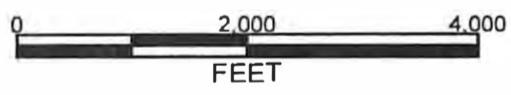


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### Antero Resources Corporation

APPALACHIAN BASIN

Holden Unit 1H  
Doddridge County



17-06202 H6A      HOLDEN UNIT 1H  
ANTERO RESOURCES CORP

PAD NAME: DELBERT LEATHERMAN

REMARKS  
QUADRANGLE: SMITHBURG  
WATERSHED: BUCKEYE CREEK  
DISTRICT: GRANT

Date: 11/30/12