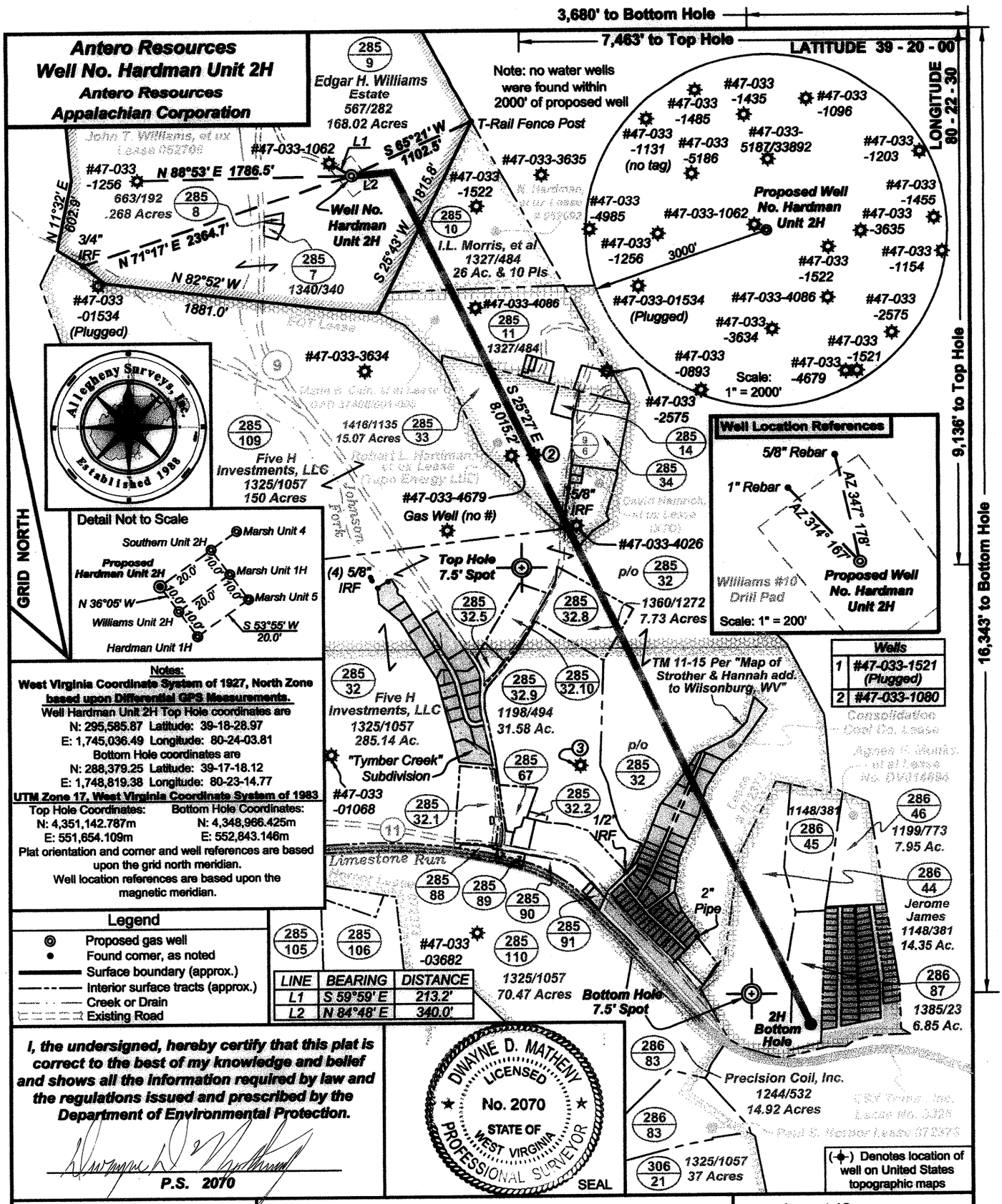

FILE NO: 152-36-C-09
DRAWING NO: 152-09_Hardman2H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

DATE: August 12 20 11
OPERATOR'S WELL NO. Hardman Unit 2H
API WELL NO: 47 - 033 - 05551D
STATE COUNTY PERMIT

WELL TYPE: ☐ OIL ☒ GAS ☐ LIQUID INJECTION ☐ WASTE DISPOSAL
(IF GAS) PRODUCTION : ☐ STORAGE ☐ DEEP ☒ SHALLOW
LOCATION: ELEVATION: 1190' WATERSHED Johnson Fork & Limestone Run
QUADRANGLE: Wolf Summit DISTRICT: Coal COUNTY: Harrison
SURFACE OWNER: Edgar H. Williams Estate ACREAGE: 168.02
OIL AND GAS ROYALTY OWNER: David Hamrick, et ux; Nicholas Hardman, et ux; Robert L. Hardman, et ux; John T. Williams, et ux; EQT; Marie B. Cain, et al; Paul S. Hornor, et al; Agnes F. Monks; et al; Consolidation Coal Co. LEASE #: 052692; DAD37406/001-005; 052709; 072373; DV014694 ACREAGE: 26; 72.5; 298.58; 300; 175
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
☒ PERFORATE NEW FORMATION ☐ OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,500' MD 7,100' TVD

WELL OPERATOR: Antero Resources Appalachian Corporation
ADDRESS: 1625 17th Street, Denver, CO 80202
DESIGNATED AGENT: Diana Stamper - CT Corporation System
ADDRESS: 5400 D Big Tyler Road, Charleston, WV 25313

01/06/2012