

14,202' to Bottom Hole

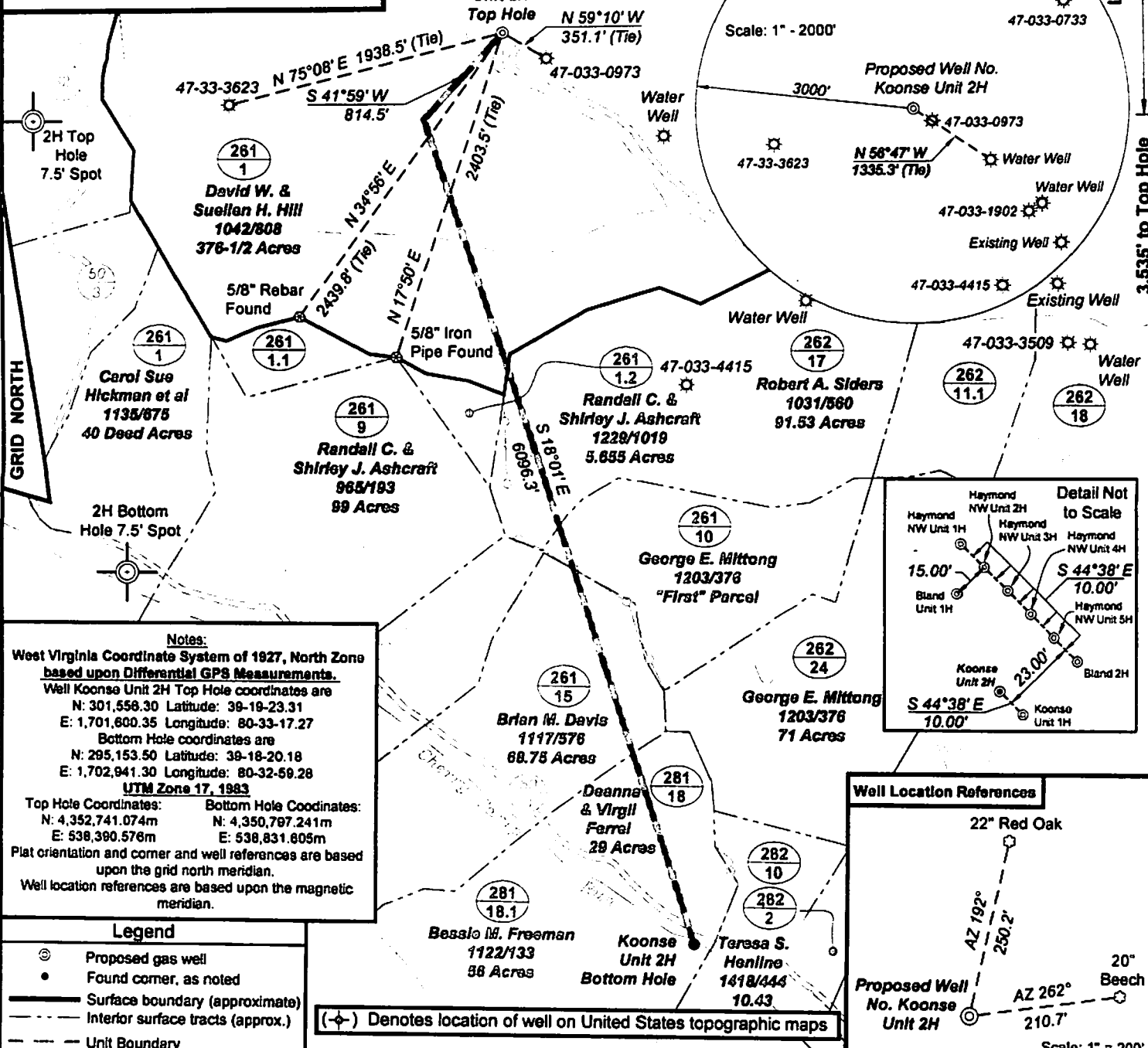
15,543' to Top Hole

LATITUDE 39 - 20 - 00

LONGITUDE 80 - 30 - 00

Antero Resources
Well No. Koonse Unit 2H
Antero Resources Appalachian Corporation

Note: There appears to be 1 water well located within 2,000'.



Notes:

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Well Koonse Unit 2H Top Hole coordinates are

N: 301,558.30 Latitude: 39-19-23.31

E: 1,701,800.35 Longitude: 80-33-17.27

Bottom Hole coordinates are

N: 295,153.50 Latitude: 39-18-20.18

E: 1,702,941.30 Longitude: 80-32-59.28

UTM Zone 17, 1983

Top Hole Coordinates:

N: 4,352,741.074m

E: 538,390.576m

Bottom Hole Coordinates:

N: 4,350,797.241m

E: 538,831.805m

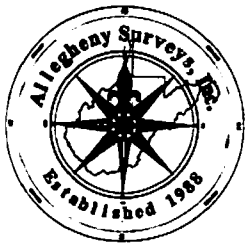
Plat orientation and corner and well references are based upon the grid north meridian.

Well location references are based upon the magnetic meridian.

Legend

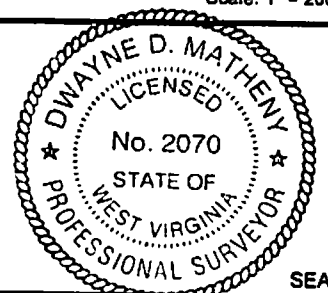
- ⊙ Proposed gas well
- Found corner, as noted
- Surface boundary (approximate)
- - - Interior surface tracts (approx.)
- Unit Boundary

(⊙) Denotes location of well on United States topographic maps



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.

Dwayne D. Matheny, P.S. 2070



FILE NO: 21-36-TM-10
 DRAWING NO: 21-10 Koonse 2H
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: 1:2500
 PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

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

DATE: February 27 2012
 OPERATOR'S WELL NO. Koonse Unit 2H
 API WELL NO.:
 STATE 47 COUNTY 033 PERMIT 05675H6

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 1,150' WATERSHED: Tributary of Indian Run
 QUADRANGLE: Salem DISTRICT: Tenmile COUNTY: Harrison
 SURFACE OWNER: David W. & Suellen H. Hill ACREAGE: 376.5
 OIL AND GAS ROYALTY OWNER: Haymond, Bland, Jesse D. & Nancy Law LEASE NO: 000722, 2813, 46638 ACREAGE: 131, 85.5
 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: 14,400' MD 7475' TVD

WELL OPERATOR: Antero Resources Appalachian Corporation DESIGNATED AGENT: Diana Stamber - CT Corporation System
 ADDRESS: 1825 17th Street ADDRESS: 5400 D Big Tyler Road
 Denver, CO 80202 Charleston, WV 25313