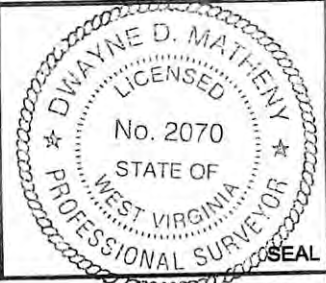


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny, P.S. 2070



FILE NO: 222-36-TM-11
DRAWING NO: 222-11 Cottrill Unit 2H
SCALE: 1" = 1000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS Glenville, WV

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

DATE: September 14 20 12
OPERATOR'S WELL NO. Cottrill Unit 2H
API WELL NO
47 - 033 - 05605
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1175' WATERSHED: Shaws Run of Tenmile Creek QUADRANGLE: Wolf Summit

DISTRICT: Tenmile COUNTY: Harrison

SURFACE OWNER: Edgar Southern Charles Lee Andrew; Marie S. Johnson 052865; DV014265 ACREAGE: 27.54 1000; 48.5
Louis H. Hall, et al & Annie Gawthrop, et ux 078596; 002304

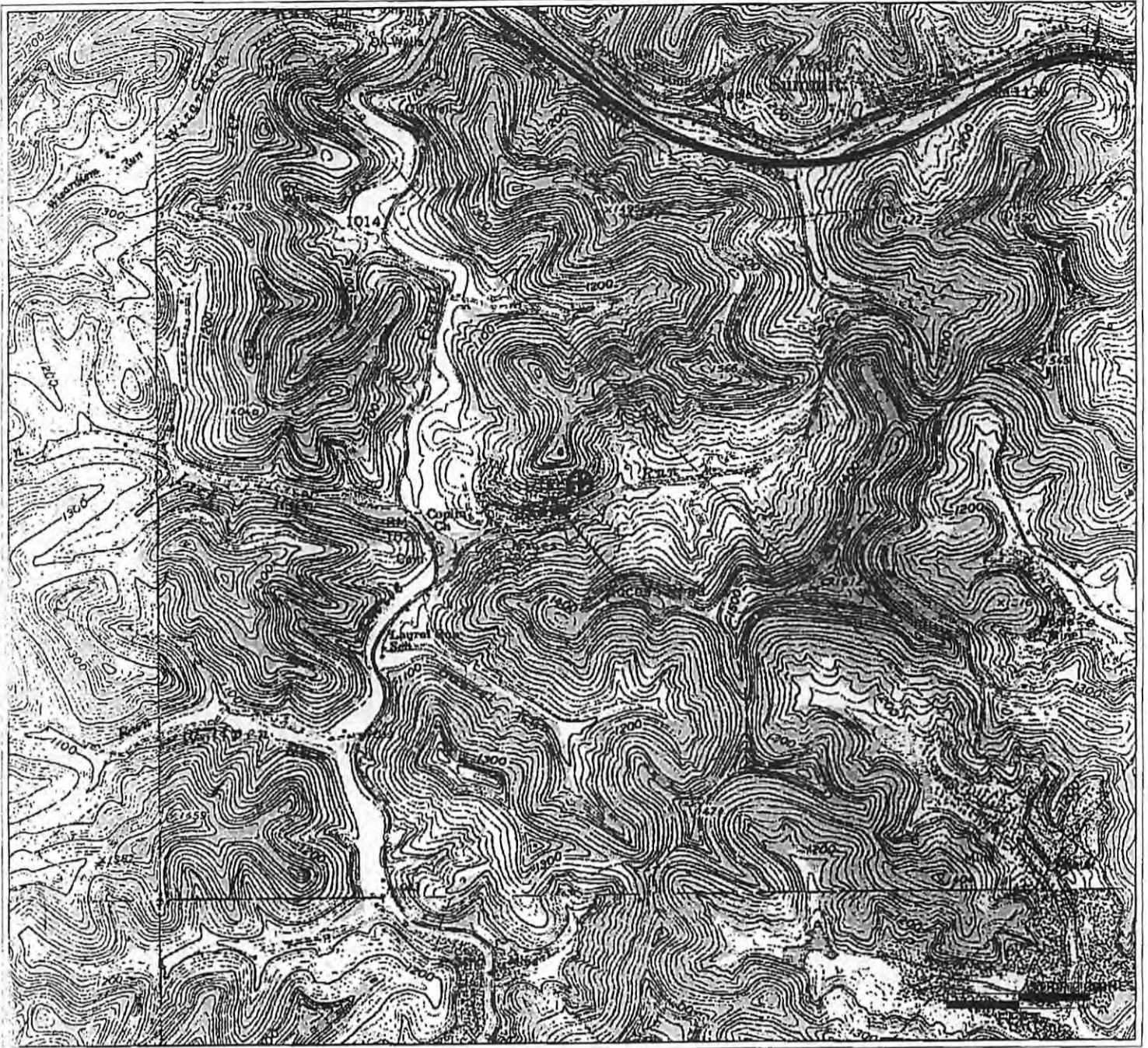
ROYALTY OWNER: Mary V. Matheny & W.T. Williams; William Cottrill LEASE NO: 045515; 077903 ACREAGE: 30; 132; 330

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: 12,700' MD 7,200' TVD

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

33-05605F



Antero Resources Corporation
APPALACHIAN BASIN
Cottrill Unit 2H Harrison County
0 2,000 4,000 FEET
REMARKS QUADRANGLE: WOLF SUMMIT WATERSHED: SHAWS RUN OF TENMILE DISTRICT: TENMILE
Date: 10/16/12