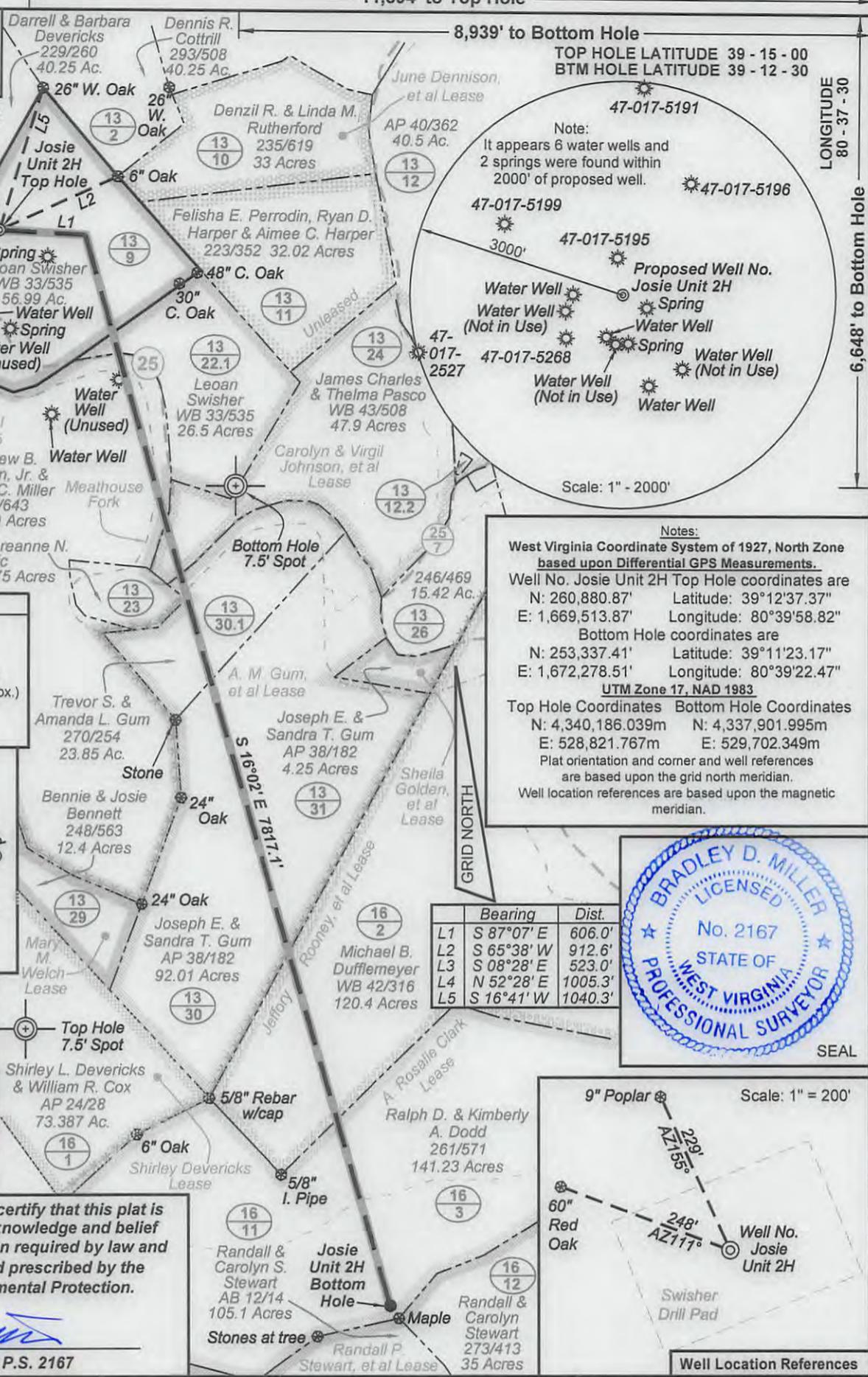
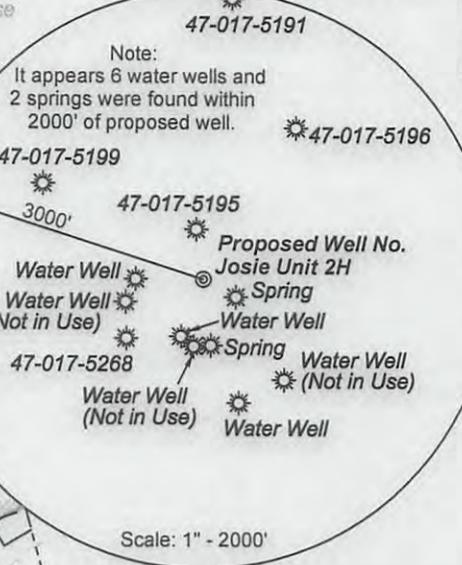


Antero Resources
Well No. Josie Unit 2H
Antero Resources
Appalachian Corporation



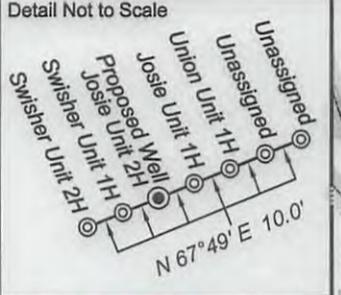
11,894' to Top Hole
 8,939' to Bottom Hole
 TOP HOLE LATITUDE 39 - 15 - 00
 BTM HOLE LATITUDE 39 - 12 - 30

LONGITUDE 80 - 37 - 30
 6,648' to Bottom Hole
 14,279' to Top Hole



Notes:
 West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
 Well No. Josie Unit 2H Top Hole coordinates are
 N: 260,880.87' Latitude: 39°12'37.37"
 E: 1,669,513.87' Longitude: 80°39'58.82"
 Bottom Hole coordinates are
 N: 253,337.41' Latitude: 39°11'23.17"
 E: 1,672,278.51' Longitude: 80°39'22.47"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,340,186.039m N: 4,337,901.995m
 E: 528,821.767m E: 529,702.349m
 Plat orientation and corner and well references are based upon the grid north meridian.
 Well location references are based upon the magnetic meridian.

Legend
 (Symbol) Proposed gas well
 (Symbol) Found corner, as noted
 (Symbol) Found Well, as noted
 (Symbol) Surface boundary (approx.)
 (Symbol) Interior surface tracts (approx.)
 (Symbol) Existing Fenceline
 (Symbol) Existing Road
 (Symbol) Creek or Drain



Bearing	Dist.
L1 S 87°07' E	606.0'
L2 S 65°38' W	912.6'
L3 S 08°28' E	523.0'
L4 N 52°28' E	1005.3'
L5 S 16°41' W	1040.3'

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.

Bradley D. Miller
 Bradley D. Miller, P.S. 2167

FILE NO: 72-30-NM-13
 DRAWING NO: 72-13 Josie Unit 2H
 SCALE: 1" = 1000'
 MINIMUM DEGREE OF ACCURACY: Submeter
 PROVEN SOURCE OF ELEVATION: WVDOT, Bridgeport, WV

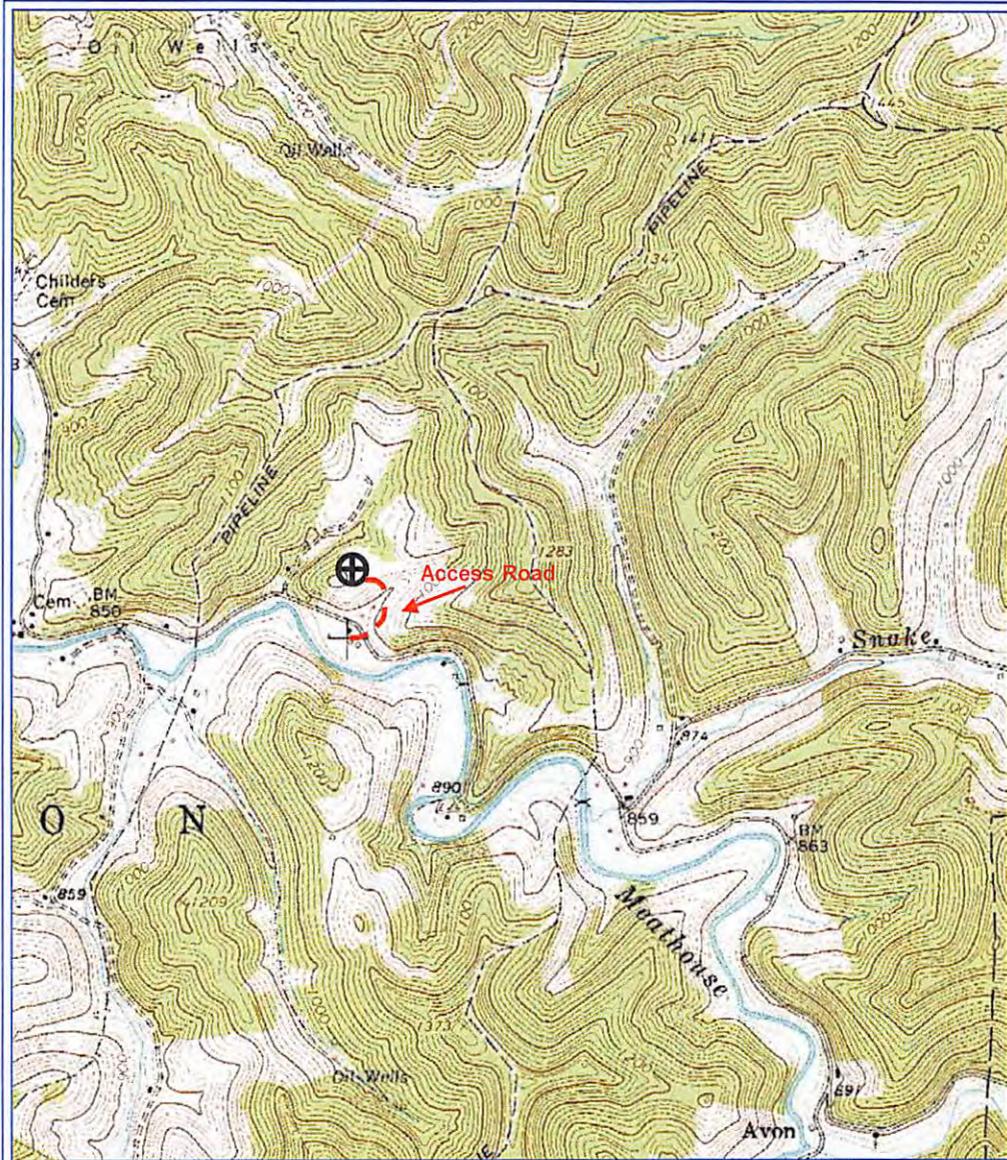
STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: April 9 2013
 OPERATOR'S WELL NO. Josie Unit 2H
 API WELL NO
 47 - 017 - 6261H6A
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
 LOCATION: ELEVATION: 976' WATERSHED: Meathouse Fork QUADRANGLE: New Milton
 DISTRICT: New Milton Carolyn & Virgil Johnson, et al COUNTY: Doddridge 120
 SURFACE OWNER: Leonan Swisher A. M. Gum, et al; A. Rosalie Clark 72.54
 OIL & GAS ROYALTY OWNER: Jeffory Rooney, et al; Leonan W. Swisher, et al 20215 ACREAGE: 56.99 178.14
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,000' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 15,400' MD

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

06/28/2013



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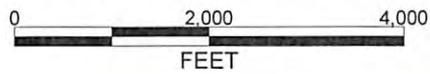
Antero Resources

Appalachian Basin

Josie Unit 2H

Doddridge County

Ratio Scale = 1 : 24,000



REMARKS

Quadrangle: New Milton
Watershed: Meathouse Fork
District: New Milton

By: TRO

RECEIVED
Office of Oil and Gas

APR 12 2013

WV Department of
Environmental Protection