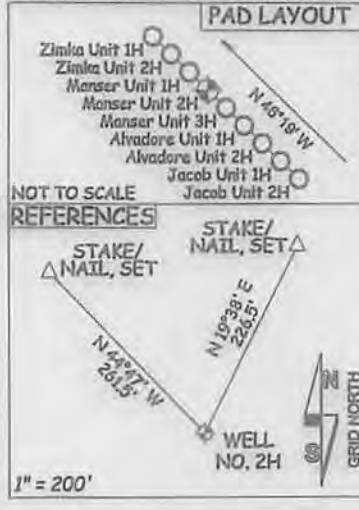
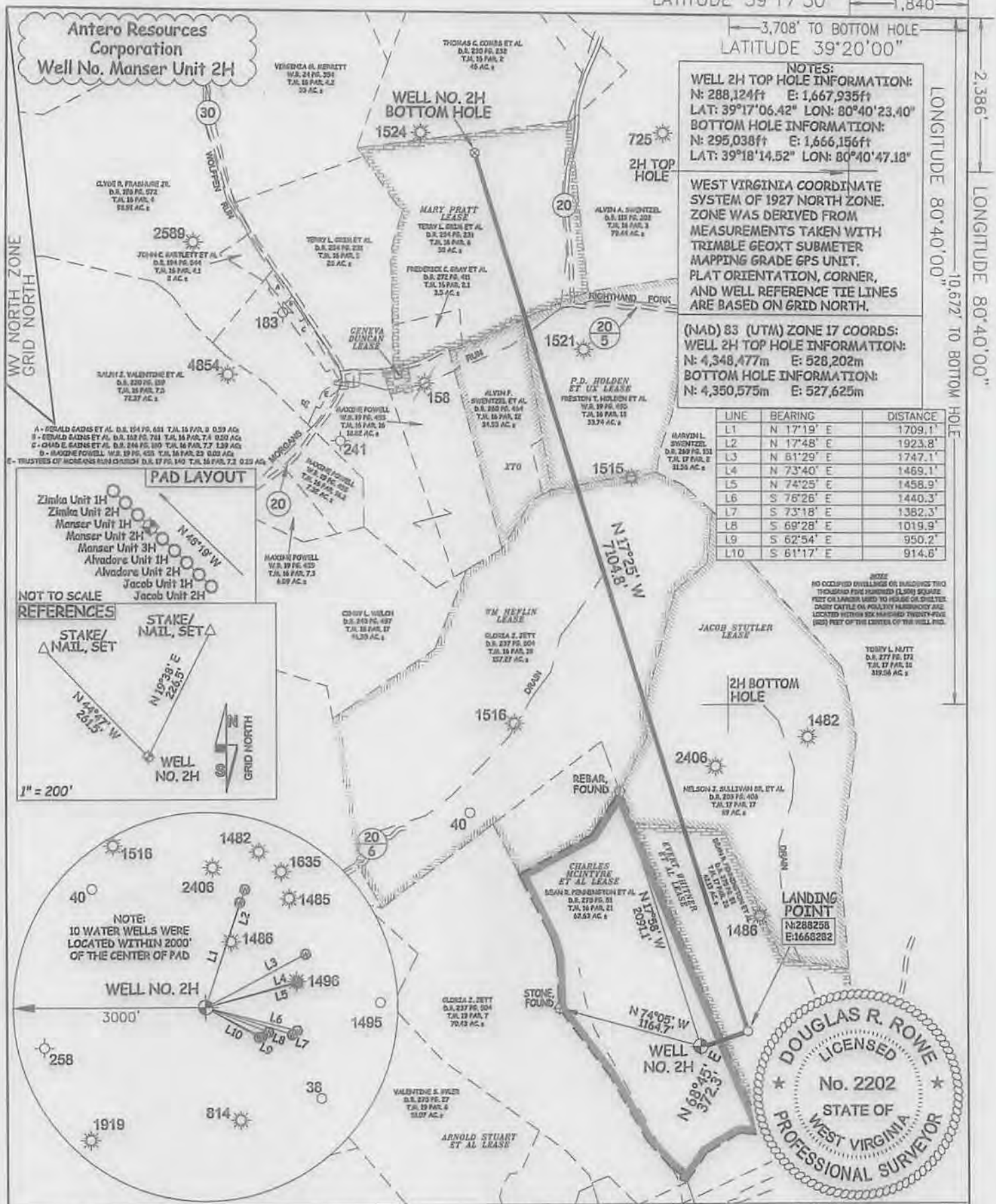


LATITUDE 39°17'30" 1,840'

3,708' TO BOTTOM HOLE
LATITUDE 39°20'00"

2,386' LONGITUDE 80°40'00"
10,672' TO BOTTOM HOLE
LONGITUDE 80°40'00"



JOB # 13-092WA
DRAWING # MANSER2HR1
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,141' WATERSHED BUCKEYE CREEK
QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE

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 RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA
MONTANI SEMPER LIBERI

LEGEND

DATE 04/03/14
OPERATOR'S WELL# MANSER UNIT #2H
API WELL # 47 - 017 - 0648646A
STATE COUNTY PERMIT

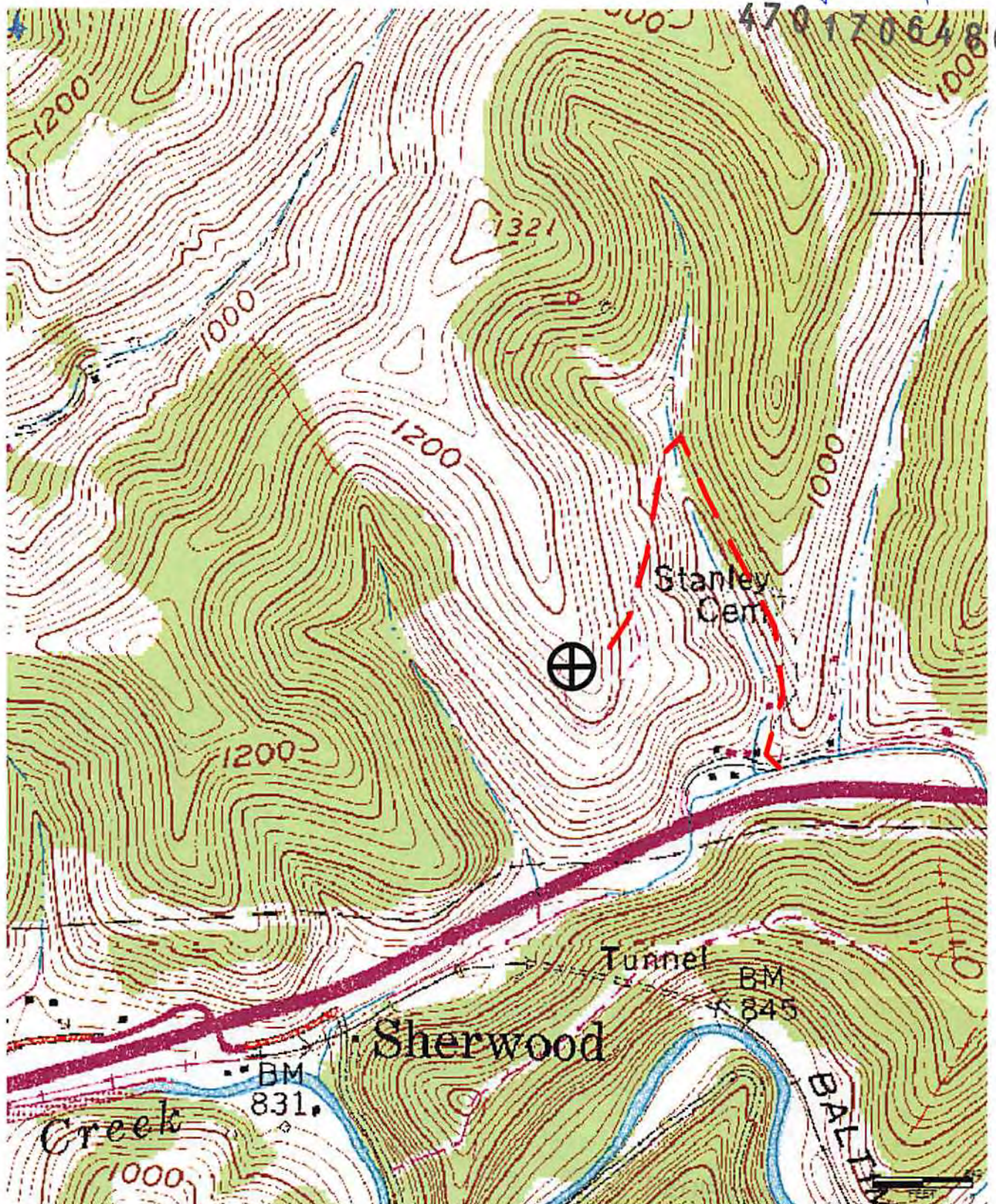
SURFACE OWNER DEAN R. PENNINGTON ET AL ACREAGE 62.63 ACRES +/-
OIL & GAS ROYALTY OWNER CHARLES MCINTYRE ET AL; EVERT WHITNER ET AL; JACOB STUTLER; LEASE ACREAGE 70 ACRES +/-; 42 ACRES +/-; 91.5 ACRES +/-
WM. HEFLIN; P.D. HOLDEN ET UX; MARY PRATT 120.6 ACRES +/-; 35 ACRES +/-; 54 ACRES +/-

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 16,300' MD

WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

Plat spotted

4701706486



Antero Resources Corporation
Appalachian Basin
Manser Unit 2H
Dodridge County
WV Department of Environmental Protection
Quadrangle: Smithburg
Watershed: Morgans Run and Buckeye Creek Watersheds
District: Grant
Date: 10/17/13