

LATITUDE 39°12'30" 3,236'

10,036' TO BOTTOM HOLE

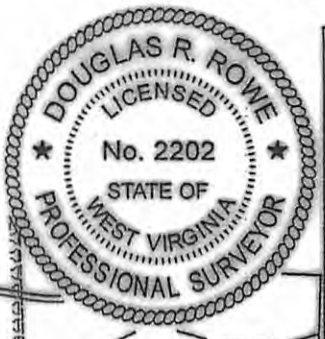
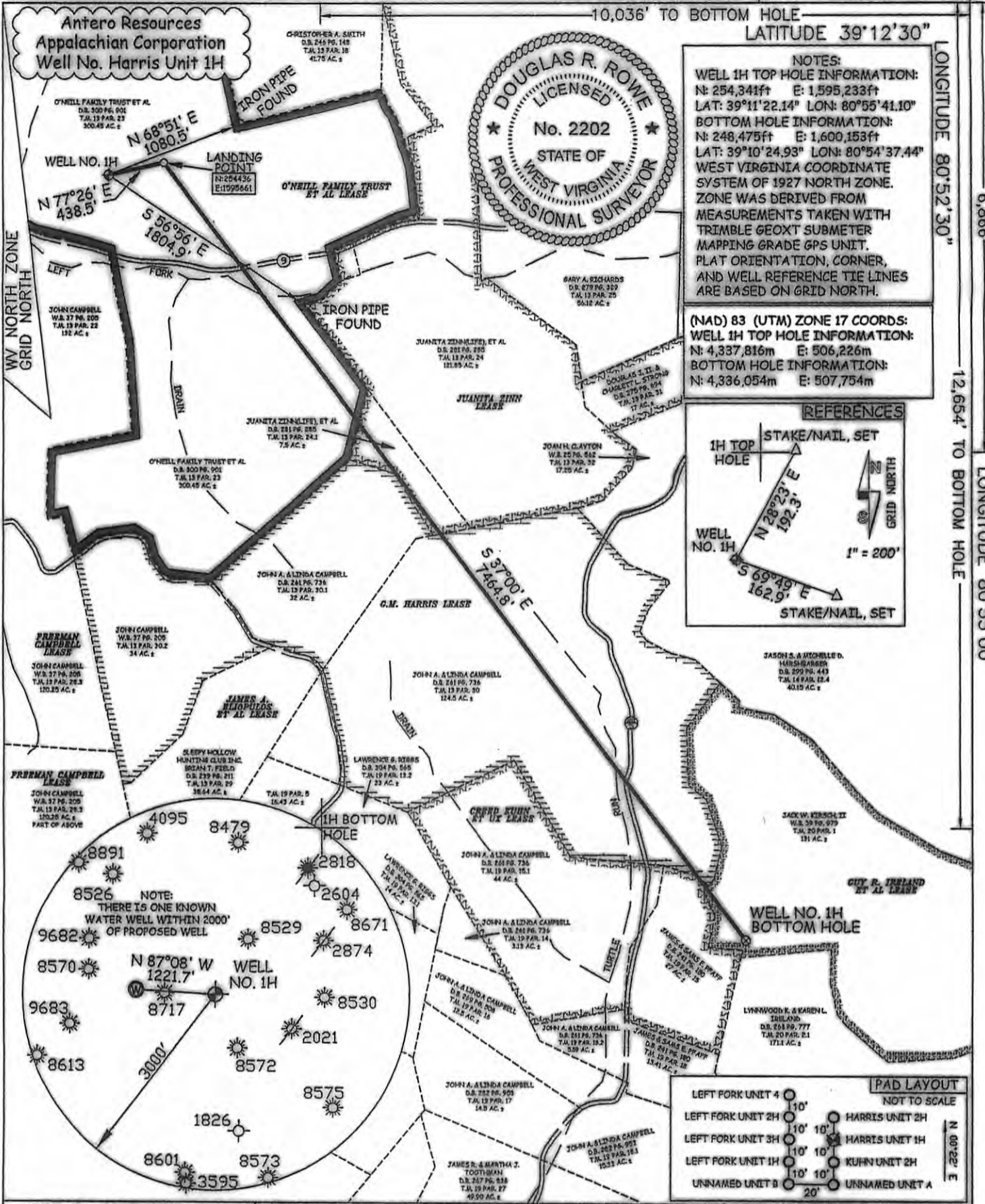
LATITUDE 39°12'30"

LONGITUDE 80°52'30"

6,866'

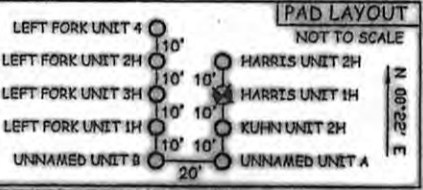
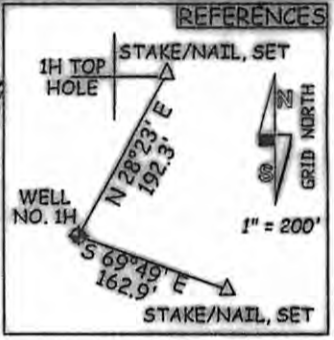
LONGITUDE 80°55'00"

12,654' TO BOTTOM HOLE



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 254,341ft E: 1,595,233ft
LAT: 39°11'22.14" LON: 80°55'41.10"
BOTTOM HOLE INFORMATION:
N: 248,475ft E: 1,600,153ft
LAT: 39°10'24.93" LON: 80°54'37.44"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,337,816m E: 506,226m
BOTTOM HOLE INFORMATION:
N: 4,336,054m E: 507,754m



JOB # 12-051WA
DRAWING # HARRIS1H
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 1,022' WATERSHED LEFT FORK
QUADRANGLE PULLMAN 7.5'
SURFACE OWNER O'NEILL FAMILY TRUST ET AL
OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; JUANITA ZINN; G.M. HARRIS; CREED KUHN ET UX; GUY R. IRELAND ET AL
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)
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 15,000' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT
ADDRESS 1625 17TH STREET ADDRESS
FORM WW-6 DENVER, CO 80202

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 PERSORIBED 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



LEGEND
--- Surface Owner Boundary Lines +/-
--- Interior Surface Tracts +/-
X Existing Fence
Found monument, as noted
DOUGLAS R. ROWE P.S. 2202
DATE 08/17/12
OPERATOR'S WELL# HARRIS UNIT #1H
API WELL # 47 - 085 - 10004H6A
STATE COUNTY PERMIT
DIANNA STAMPER
CT CORPORATION SYSTEM
5400 D BIG TYLER ROAD
CHARLESTON, WV 25313

01/09/2015