

LATITUDE 39°17'30"

8,250'

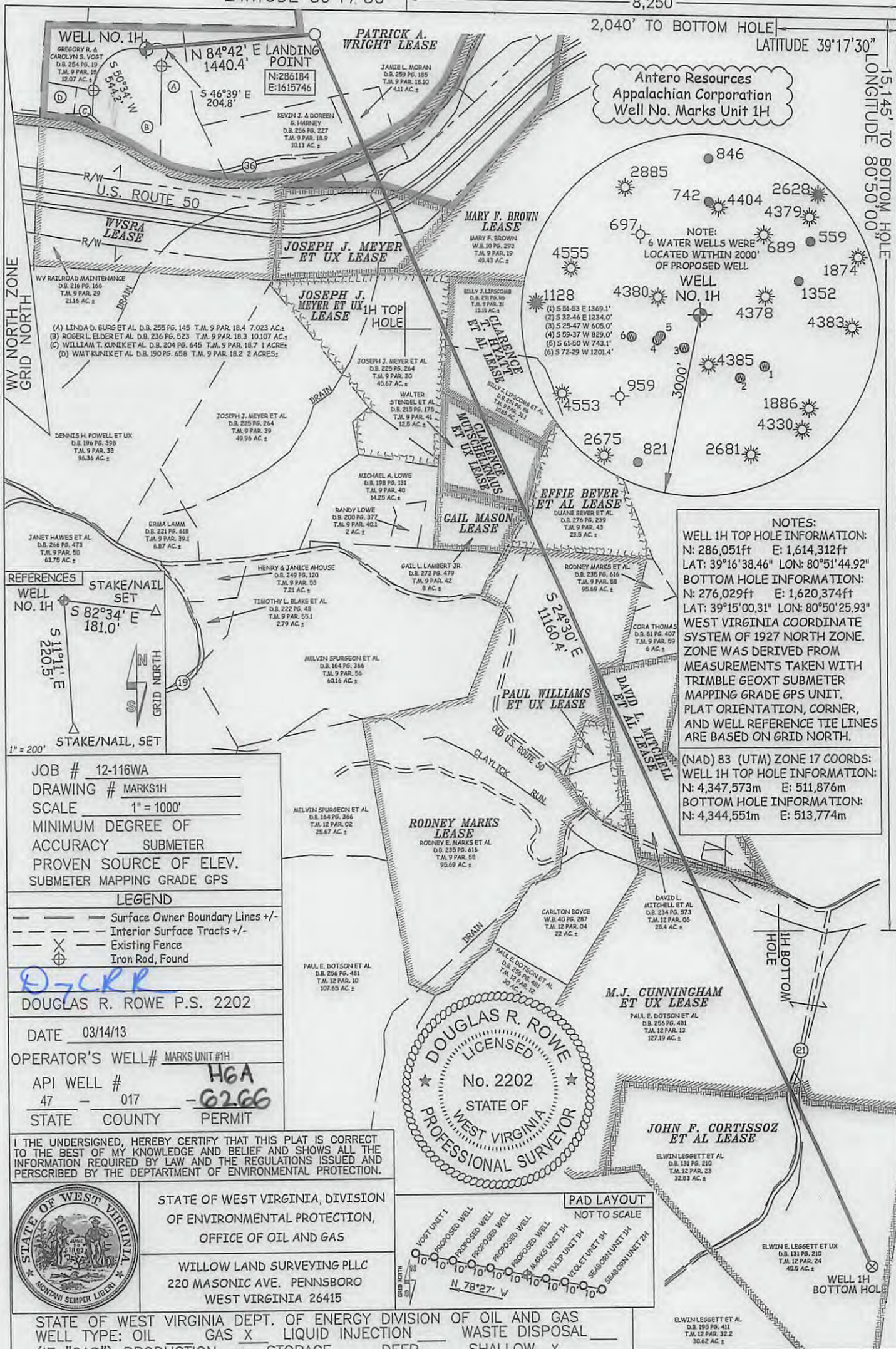
2,040' TO BOTTOM HOLE

LATITUDE 39°17'30"

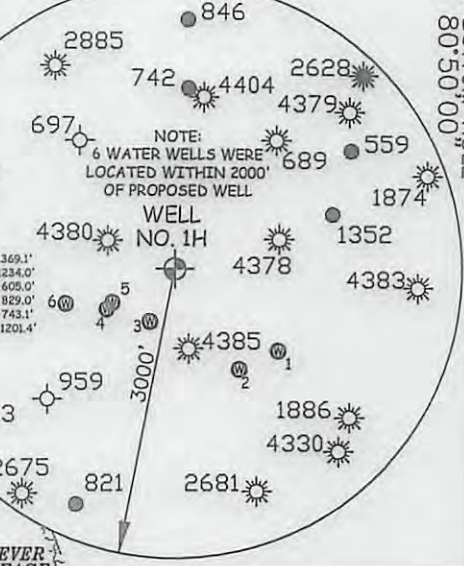
LONGITUDE 80°50'00"

5,215'

LONGITUDE 80°50'00"

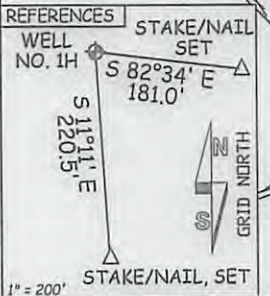


Antero Resources
Appalachian Corporation
Well No. Marks Unit 1H



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 286,051ft E: 1,614,312ft
LAT: 39°16'38.46" LON: 80°51'44.92"
BOTTOM HOLE INFORMATION:
N: 276,029ft E: 1,620,374ft
LAT: 39°15'00.31" LON: 80°50'25.93"
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: 4,347,573m E: 511,876m
BOTTOM HOLE INFORMATION:
N: 4,344,551m E: 513,774m



JOB # 12-116WA
DRAWING # MARKS1H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Iron Rod, Found

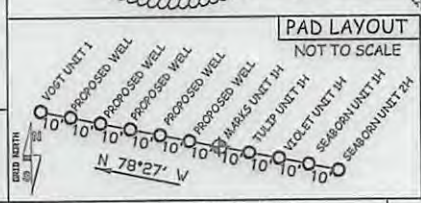
DOUGLAS R. ROWE P.S. 2202

DATE 03/14/13
OPERATOR'S WELL# MARKS UNIT #1H
API WELL # HGA 47 - 017 - 6266
STATE COUNTY PERMIT

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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

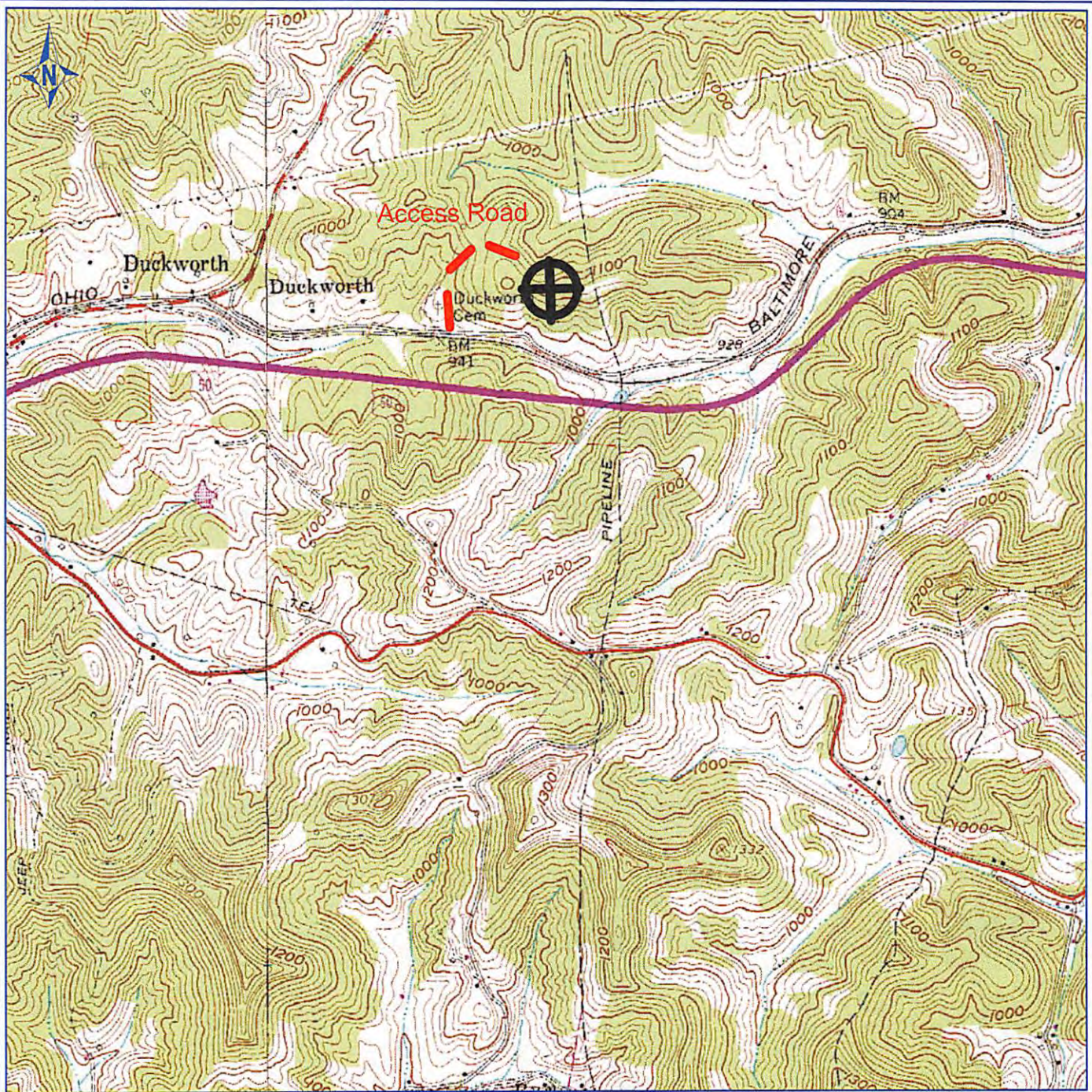


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



STATE OF WEST VIRGINIA DEPT. 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 1,109' WATERSHED TRIBUTARY OF WILHELM RUN
QUADRANGLE WEST UNION 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER GREGORY R. & CAROLYN S. VOGT ACREAGE 12.07 ACRES +/-
OIL & GAS ROYALTY OWNER PATRICK A. WRIGHT; WVSRA; JOSEPH J. MEYER ET UX; MARY F. BROWN; JOSEPH J. MEYER ET UX; LEASE ACREAGE 222 AC±; 301.19 AC±; 8.63 AC±; 56.65 AC±; 37.25 AC±
CLARENCE T. HYATT ET AL; CLARENCE MUTSCHELKNAUS ET UX; GAIL MASON; EFFIE BEVER ET AL; RODNEY MARKS; DAVID L. MITCHELL ET AL; M.J. CUNNINGHAM ET UX; JOHN F. CORTISSOZ ET AL 31.5 AC±; 12.5 AC±; 7.086 AC±; 23.5 AC±; 100 AC±; 26.017 AC±; 228 AC±; 79.5 AC±

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 6,800' TVD 18,500' MD
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25306/28/2013



PETRA 10/19/2012 9:31:07 AM

ANTERO RESOURCES CORPORATION

APPALACHIAN BASIN

Marks Unit 1H



REMARKS
QUADRANGLE: WEST UNION
WATERSHED: TRIB. OF WILHELM RUN
DISTRICT: CENTRAL

October 19, 2012

RECEIVED
Office of Oil and Gas

APR 12 2013

WV Department of
Environmental Protection