

LATITUDE 39°15'00"

7,928'

3,961' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°52'30"

7.134'

13,742' TO BOTTOM HOLE

LONGITUDE 80°52'30"

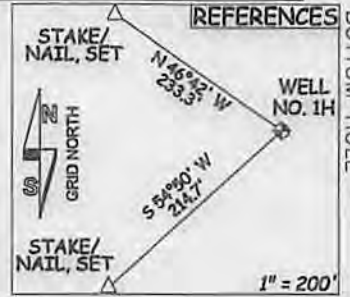
Antero Resources Corporation Well No. Miracle Unit 1H

WM. VANCAMPEN ET AL LEASE JACK D. MACKEY ET AL D.B. 293 PG. 972 T.A. 9 PAR. 2 23.09 AC. ±

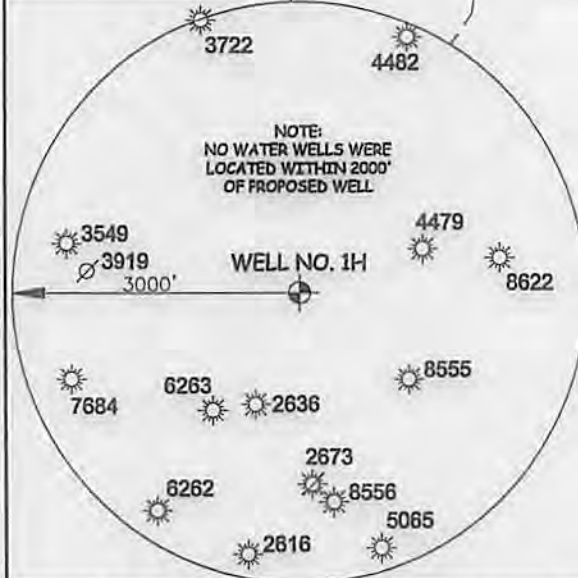
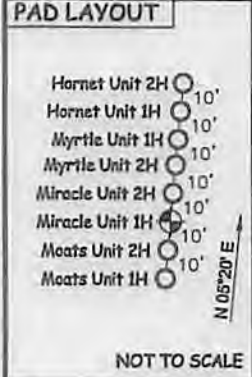
LANDING POINT N269330 E1603671 4479

NOTES: WELL 1H TOP HOLE INFORMATION: N: 269,135ft E: 1,602,578ft LAT: 39°13'49.49" LON: 80°54'10.75" BOTTOM HOLE INFORMATION: N: 262,467ft E: 1,606,444ft LAT: 39°12'44.18" LON: 80°53'20.33" 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: 4,342,360m E: 508,388m BOTTOM HOLE INFORMATION: N: 4,340,348m E: 509,599m



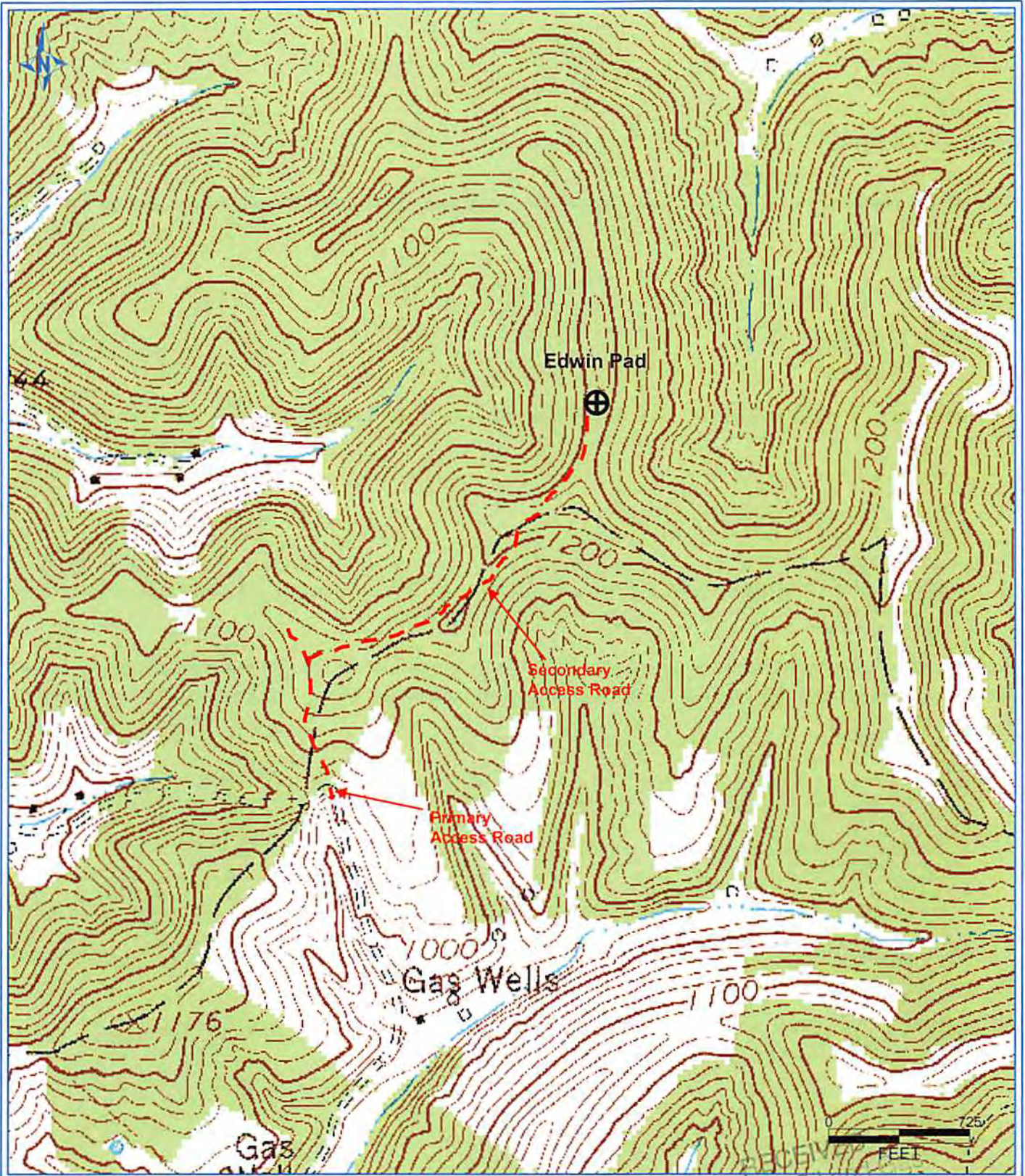
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY REGULARLY ARE LOCATED WITHIN ONE HUNDRED TWENTY-FIVE (125) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-050WA
DRAWING # MIRACLE1H
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 1,191' WATERSHED TRIBUTARY OF CABIN RUN
QUADRANGLE PULLMAN 7.5' DISTRICT CLAY (TH) UNION (BH) COUNTY RITCHIE
SURFACE OWNER FRANKLIN P. QUIMBY ACREAGE 23 ACRES +/-
OIL & GAS ROYALTY OWNER LAWRENCE C. HEIM ET AL; WM. VANCAMPEN ET AL; LEASE ACREAGE 53 AC±; 312 AC±;
EASTERN AMERICAN ENERGY CORP.; MARJORIE CROOKS ET AL; C.W. BALL HEIRS; IRENE MOATS; JACK LANGFORD ET UX; DENNIS FERGUSON ET AL 145 AC±; 117 AC±; 49.27 AC±; 14.71 AC±; 74 AC±; 88 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) ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 14,800' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

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 PRESCRIBED 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
DATE 02/04/14
OPERATOR'S WELL# MIRACLE UNIT #1H
API WELL # 47 - 085 MOD - 10078 H6A
STATE COUNTY PERMIT

LEGEND
- - - Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
X Existing Fence
⊕ Rebar, Found
DOUGLAS R. ROWE P.S. 2202
DATE 02/04/14
OPERATOR'S WELL# MIRACLE UNIT #1H
API WELL # 47 - 085 MOD - 10078 H6A
STATE COUNTY PERMIT



DFTRA 8/6/2013 2:27:36 PM

Antero Resources Corporation
Appalachian Basin
Miracle Unit 1H
Ritchie County
Quadrangle: Pullman
Watershed: Little Kanawha
District: Clay
Date: 8-9-2013