

LATITUDE 39°15'00"

6,248'

1,734' TO BOTTOM HOLE

LATITUDE 39°15'00"

LONGITUDE 80°52'30"

4,249'

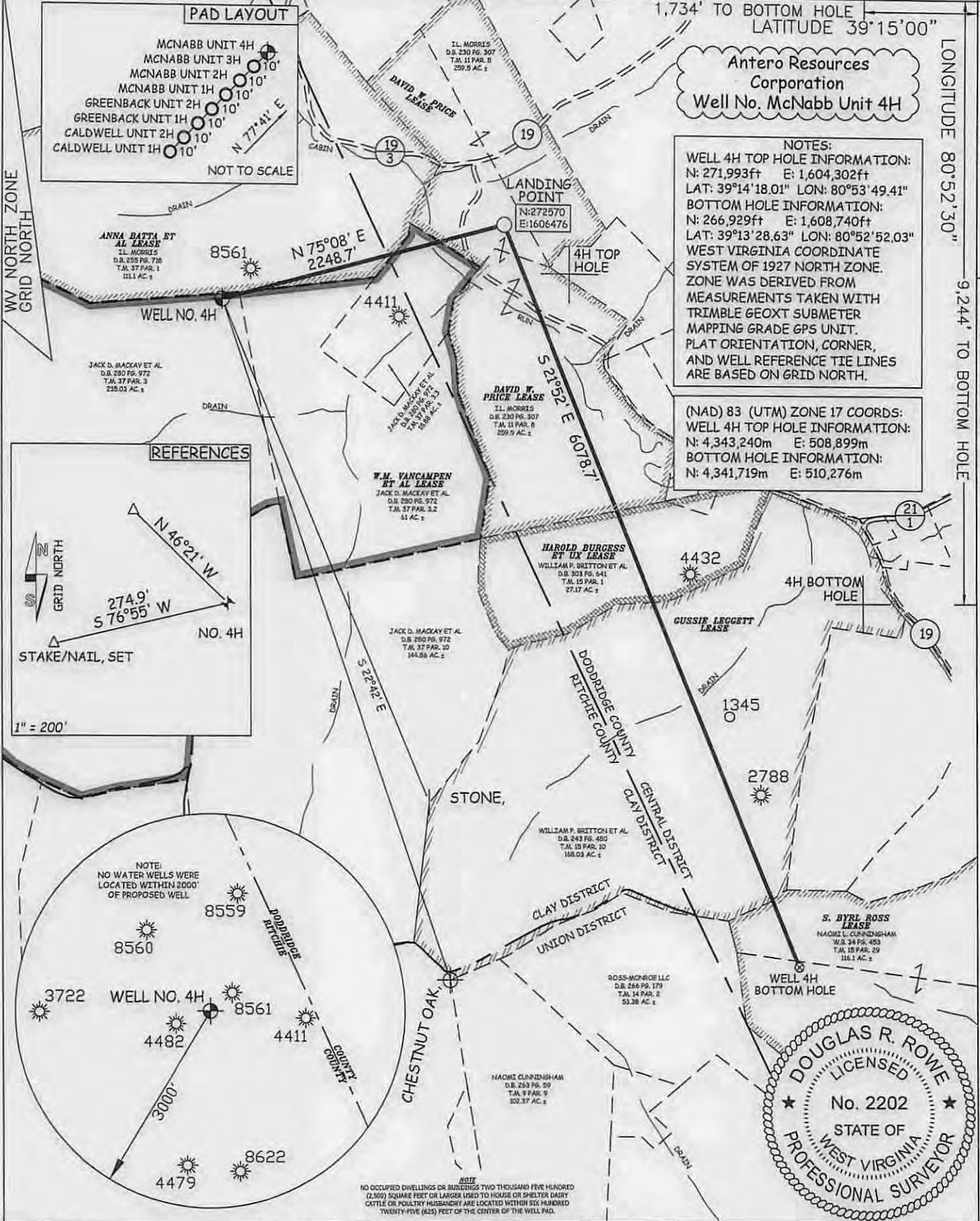
LONGITUDE 80°52'30"

9,244' TO BOTTOM HOLE

Antero Resources Corporation
Well No. McNabb Unit 4H

NOTES:
 WELL 4H TOP HOLE INFORMATION:
 N: 271,993ft E: 1,604,302ft
 LAT: 39°14'18.01" LON: 80°53'49.41"
 BOTTOM HOLE INFORMATION:
 N: 266,929ft E: 1,608,740ft
 LAT: 39°13'28.63" LON: 80°52'52.03"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEXT 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 4H TOP HOLE INFORMATION:
 N: 4,343,240m E: 508,899m
 BOTTOM HOLE INFORMATION:
 N: 4,341,719m E: 510,276m



JOB # 14-094WA
 DRAWING # MCNABB4H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

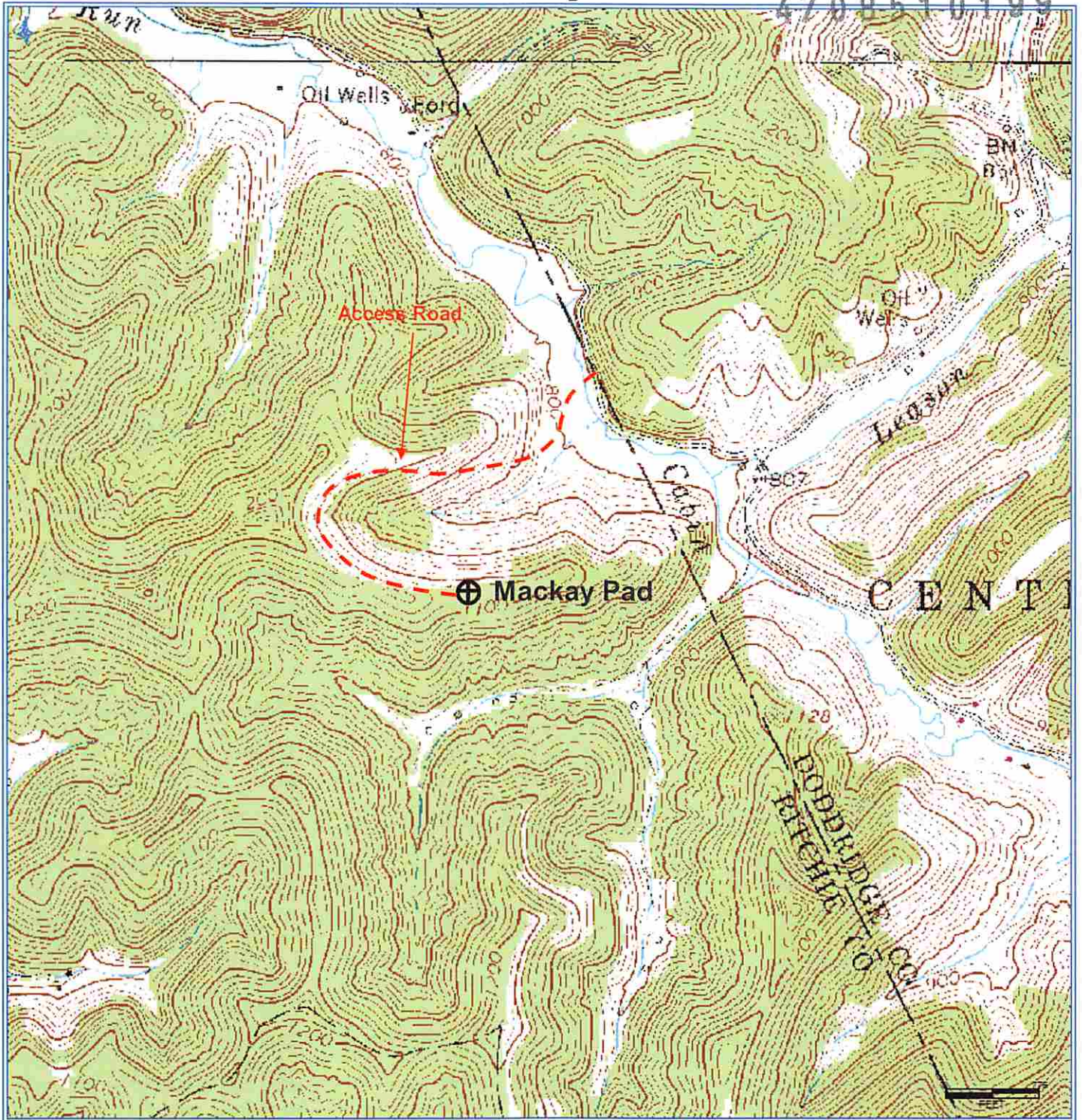
DOUGLAS R. ROWE P.S. 2202
 DATE 12/02/14
 OPERATOR'S WELL# MCNABB UNIT #4H
 API WELL # 47 - 085 - 10199
 STATE COUNTY PERMIT

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 1,099' WATERSHED CABIN RUN

QUADRANGLE PULLMAN 7.5 DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 253.03 ACRES +/-
 OIL & GAS ROYALTY OWNER W.M. VANCAMPEN ET AL; ANNA BATTA ET AL; DAVID W. PRICE HAROLD BURGESS ET UX; GUSSIE LEGGETT; S. BYRL ROSS LEASE ACREAGE 312 ACRES+; 111 ACRES+; 105 ACRES+; 29 ACRES+; 169 ACRES+; 195 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 6,700' TVD 13,200' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

4702510199



Received
Office of Oil & Gas
DEC 18 2014

Antero Resources Corporation
Appalachian Basin
McNabb Unit 4H
Ritchie County
Quadrangle: Pullman 7.5'
Watershed: Cabin Run
District: Clay
Date: 3-10-2014