

LATITUDE 39°12'30"

6,935'

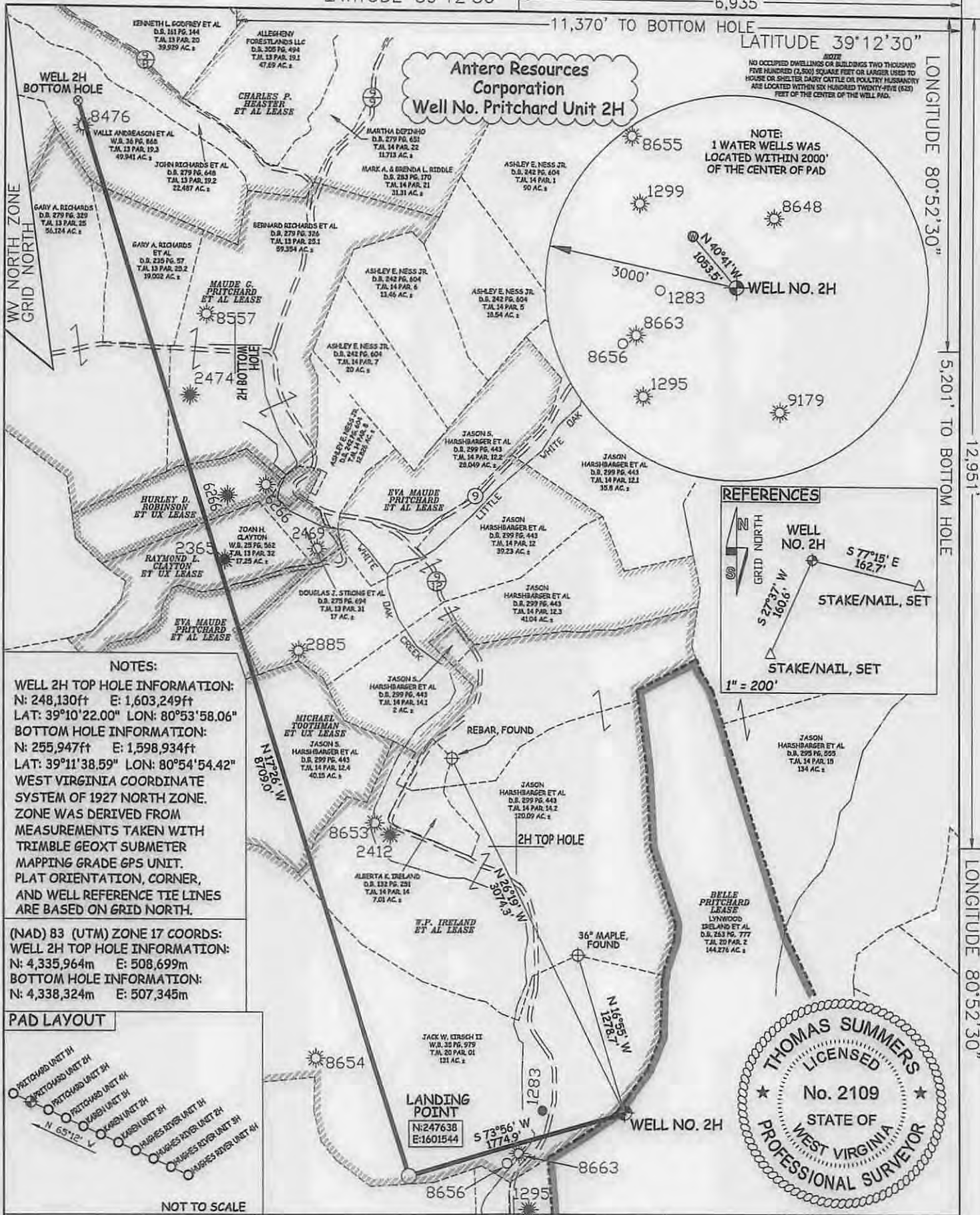
11,370' TO BOTTOM HOLE

LATITUDE 39°12'30"

LONGITUDE 80°52'30"

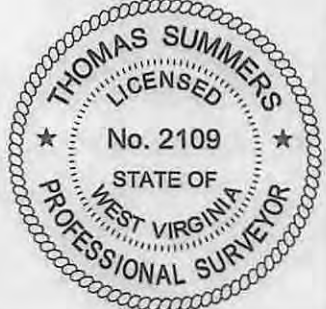
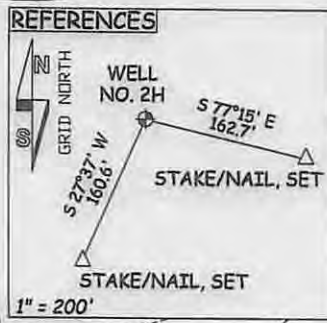
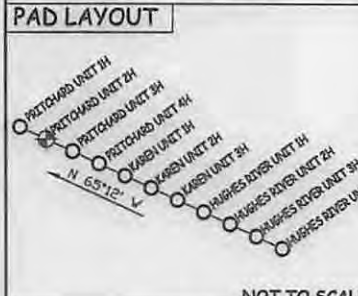
5,201' TO BOTTOM HOLE

LONGITUDE 80°52'30"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 248,130ft E: 1,603,249ft
 LAT: 39°10'22.00" LON: 80°53'58.06"
 BOTTOM HOLE INFORMATION:
 N: 255,947ft E: 1,598,934ft
 LAT: 39°11'38.59" LON: 80°54'54.42"
 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 2H TOP HOLE INFORMATION:
 N: 4,335,964m E: 508,699m
 BOTTOM HOLE INFORMATION:
 N: 4,338,324m E: 507,345m



JOB # 12-123WA
 DRAWING # PRITCHARD2HR3
 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

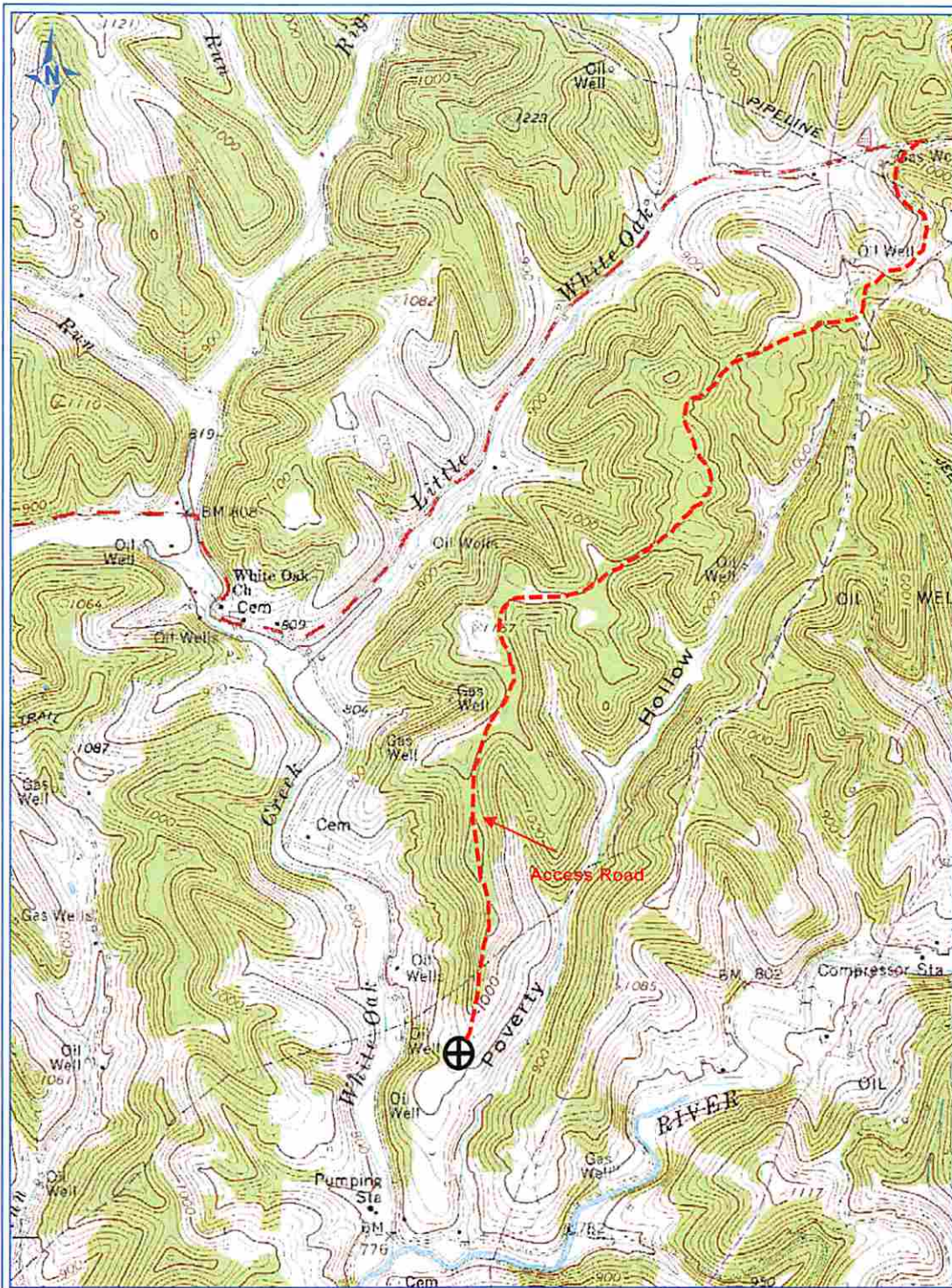
LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 04/13/15
 OPERATOR'S WELL# PRITCHARD UNIT #2H
 API WELL # 10172
 47 - 085 - 10172 M&O
 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 ORIGINAL - 957' PAD - 947' WATERSHED SOUTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE
 SURFACE OWNER LYNWOOD IRELAND ET AL ACREAGE 144.276 ACRES +/-
 OIL & GAS ROYALTY OWNER BELLE PRITCHARD; W.P. IRELAND ET AL; MICHAEL TOOTHMAN ET UX; LEASE ACREAGE 415 ACRES+; 222 ACRES+; 40 ACRES+;
 EVA MAUDE PRITCHARD ET AL; RAYMOND L. CLAYTON ET UX; HURLEY D. ROBINSON ET UX; MAUDE G. PRITCHARD ET AL; CHARLES P. HEASTER ET AL 22 ACRES+; 22 ACRES+; 17 ACRES+; 137 ACRES+; 234.5 ACRES+
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PERMIT MODIFICATION - SHL & BHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 16,100' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

07/10/2015

COUNTY NAME PERMIT



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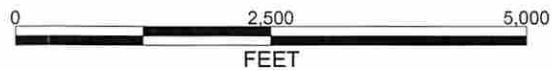
Antero Resources Corp

Received
 APPALACHIAN BASIN
 Office of Oil & Gas
 Pritchard Unit 2H
 JUN 03 2015
 Ritchie County

REMARKS

QUADRANGLE: PULLMAN 7.5'
 WATERSHED: SOUTH FORK HUGHES RIVER
 DISTRICT: UNION

By: ECM



07/10/2015