

LATITUDE 39°12'30"

6,926'

10,534' TO BOTTOM HOLE

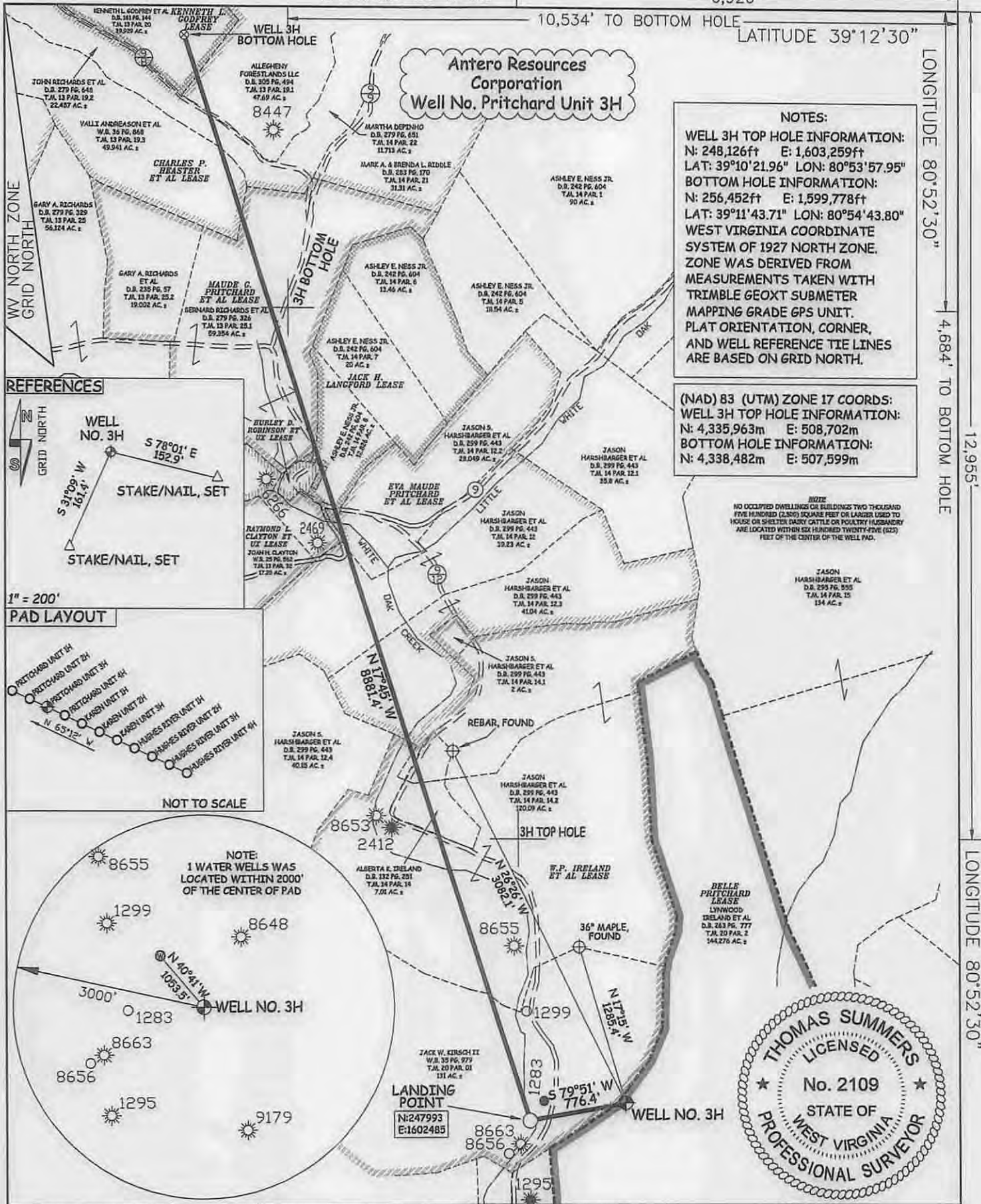
LATITUDE 39°12'30"

LONGITUDE 80°52'30"

4,684' TO BOTTOM HOLE

12,955'

LONGITUDE 80°52'30"



NOTES:

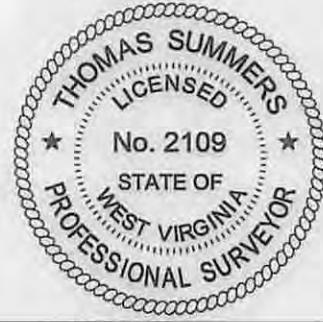
WELL 3H TOP HOLE INFORMATION:
 N: 248,126ft E: 1,603,259ft
 LAT: 39°10'21.96" LON: 80°53'57.95"

BOTTOM HOLE INFORMATION:
 N: 256,452ft E: 1,599,778ft
 LAT: 39°11'43.71" LON: 80°54'43.80"

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 3H TOP HOLE INFORMATION:
 N: 4,335,963m E: 508,702m
BOTTOM HOLE INFORMATION:
 N: 4,338,482m E: 507,599m

NOTE:
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHEETED DAIRY CATTLE OR POULTRY (EXCLUDING ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 12-123WA
 DRAWING # PRITCHARD3H
 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

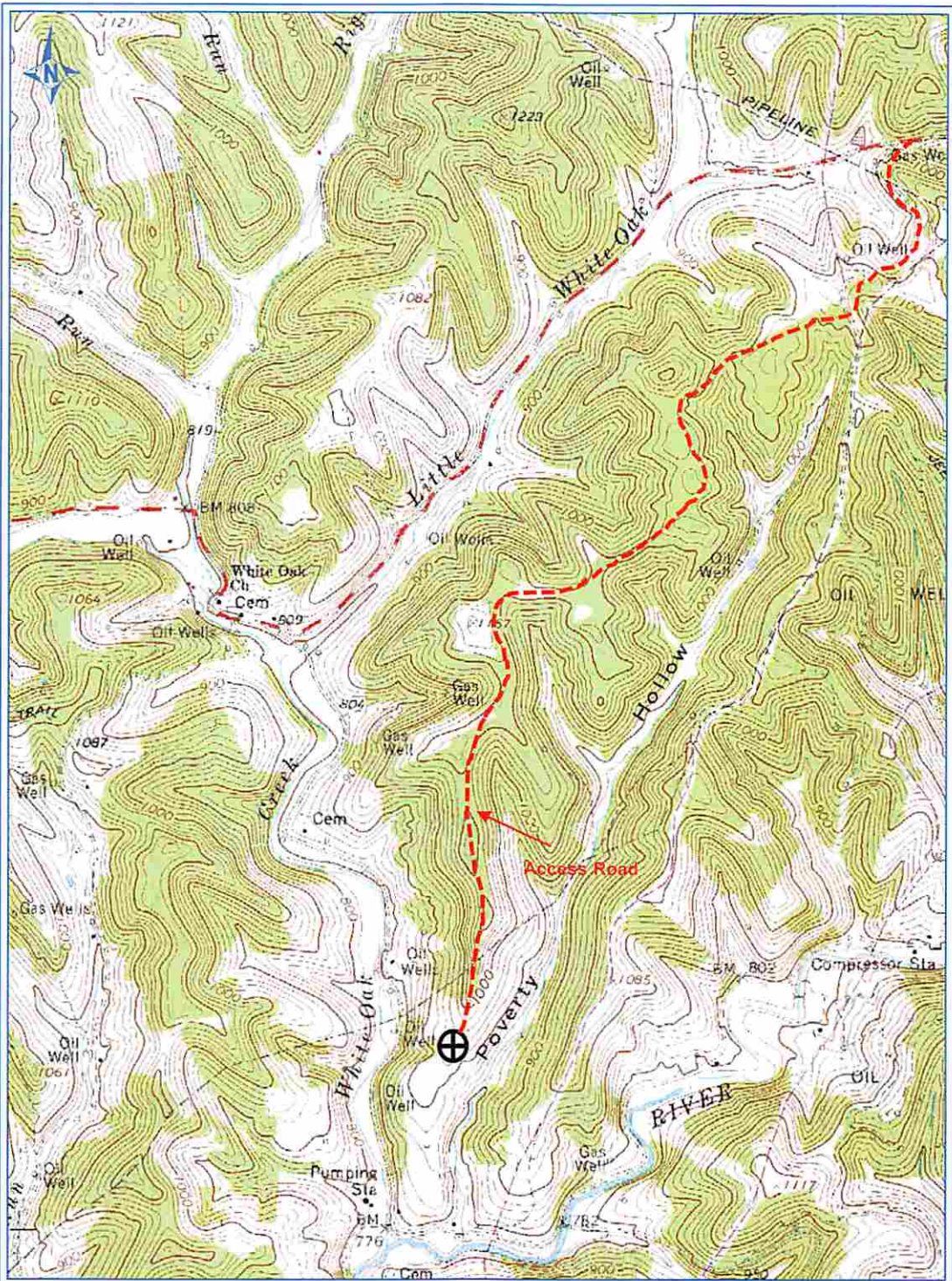
LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 04/13/15
 OPERATOR'S WELL# PRITCHARD UNIT #3H
 API WELL # 10173
 47 - 085 - 10173
 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; EVA MAUDE PRITCHARD ET AL; LEASE ACREAGE 415 ACRES+; 222 ACRES+; 108 ACRES+;
 JACK H. LANGFORD; HURLEY D. ROBINSON ET UX; MAUDE G. PRITCHARD ET AL; CHARLES P. HEASTER ET AL; KENNETH L. GODFREY 46.5 ACRES+; 17 ACRES+; 137 ACRES+; 234.5 ACRES+; 177 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) PERMIT MODIFICATION - SHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,500' TVD 15,800' 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

COUNTY NAME PERMIT

07/10/2015



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Antero Resources Corp

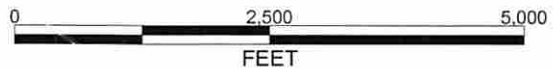
APPALACHIAN BASIN

Pritchard Unit 3H
Ritchie County

Received
Office of [unclear]
JUN 03 2015

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

By: ECM



07/10/2015