

LATITUDE 39°12'30"

6,899'

LATITUDE 39°10'00"

3,778' TO BOTTOM HOLE

LONGITUDE 80°52'30"

12,631' TO BOTTOM HOLE

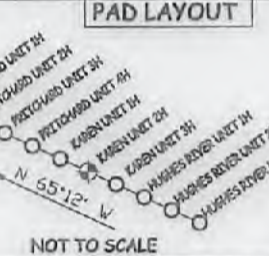
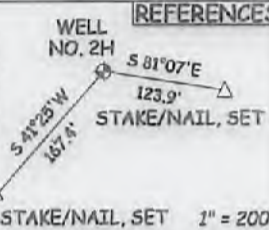
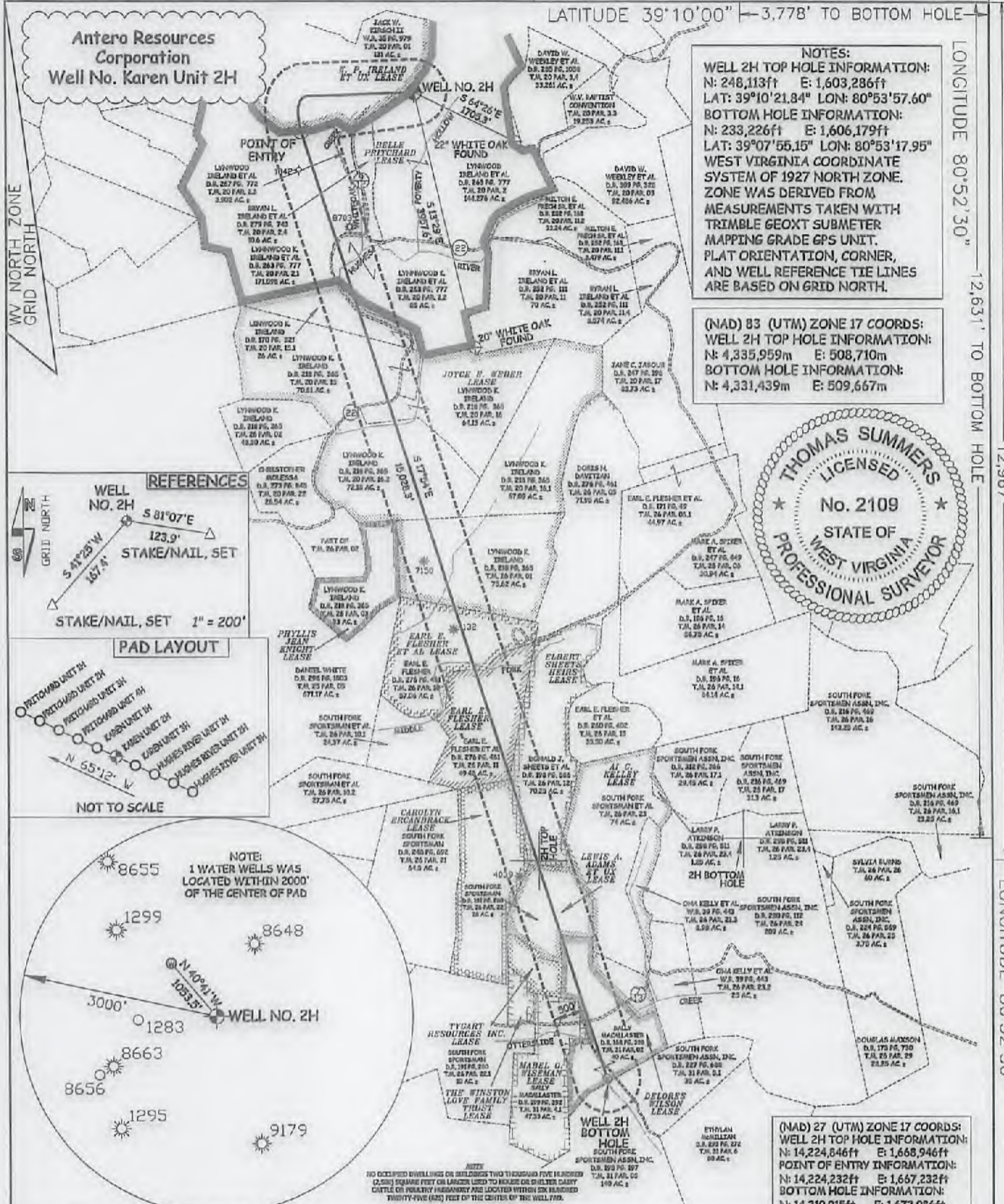
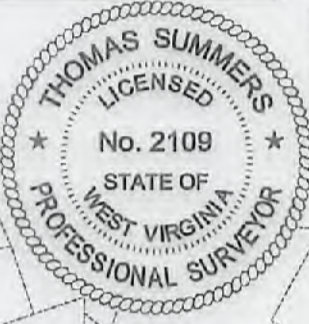
12,967'

LONGITUDE 80°52'30"

Antero Resources Corporation Well No. Karen Unit 2H

NOTES: WELL 2H TOP HOLE INFORMATION: N: 248,113ft E: 1,603,286ft LAT: 39°10'21.84" LON: 80°53'57.60" BOTTOM HOLE INFORMATION: N: 233,226ft E: 1,606,179ft LAT: 39°07'55.15" LON: 80°53'17.95" 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: 4,335,959m E: 508,710m BOTTOM HOLE INFORMATION: N: 4,331,439m E: 509,667m



NOTE: NO DEEPER DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHEPHERD CATTLE OR FEEDSTUFF FABRICATED AND LOCATED WITHIN ONE HUNDRED THIRTY-FIVE (135) FEET OF THE CENTER OF THE WELL PAD.

JOB # 14-127WA DRAWING # KAREN2HR SCALE 1" = 2000' 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

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.

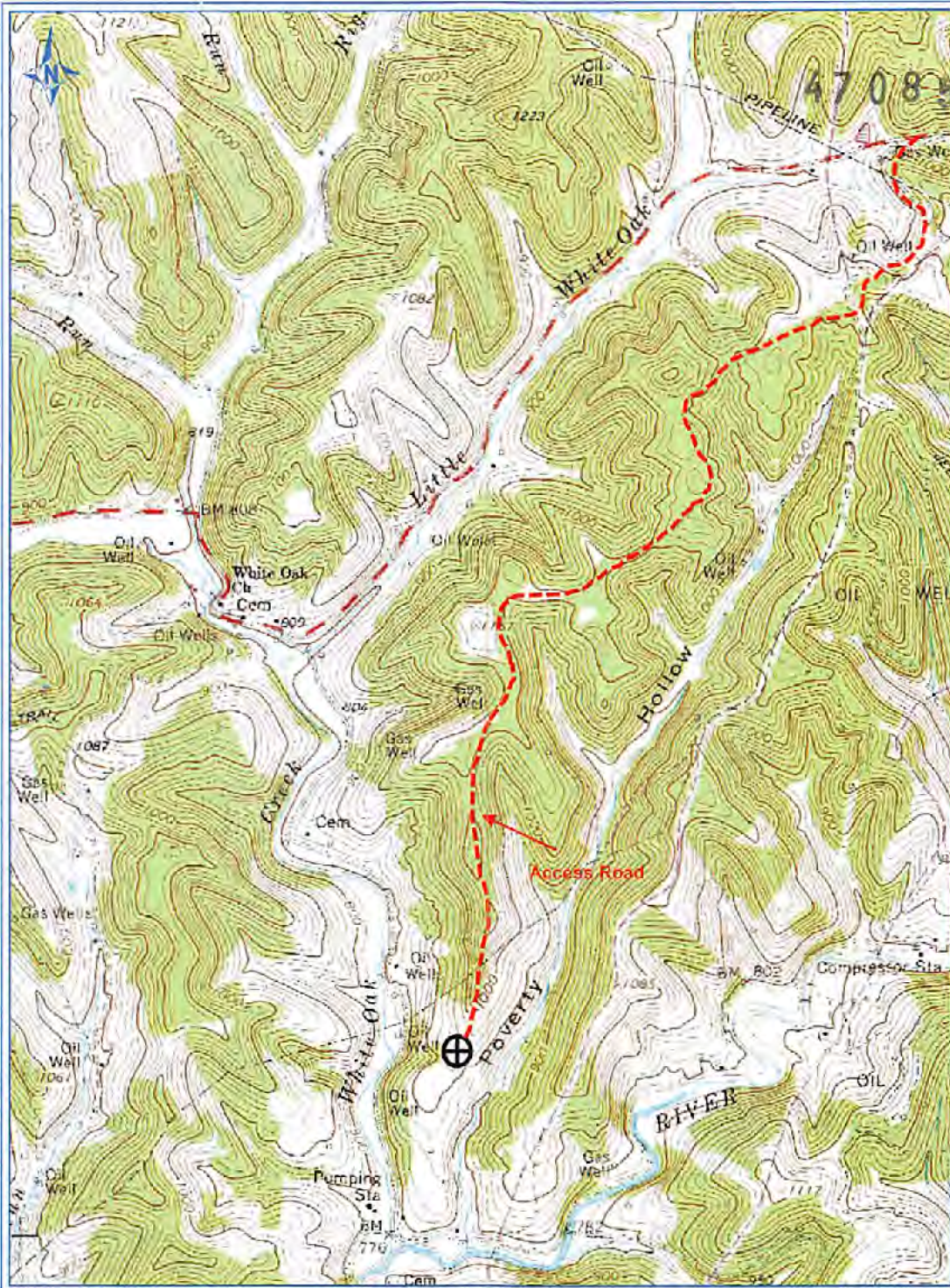


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WILLLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

LEGEND: Surface Owner Boundary Lines +/- Interior Surface Tracts +/- Existing Fence Found monument, as noted THOMAS SUMMERS P.S. 2109 DATE 06/26/18 OPERATOR'S WELL # KAREN UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X LOCATION: ELEVATION 945.5' AS BUILT WATERSHED SOUTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE SURFACE OWNER LYNWOOD IRELAND ET AL OIL & GAS ROYALTY OWNER BELLE PRITCHARD; W. P. IRELAND ET UX; JOYCE E. WEBER; EARL E. FLESHER ET AL; EARL E. FLESHER; CAROLYN ERCANBRACK; ELBERT SHEETS HEIRS; LEWIS A. ADAMS ET UX; DELORES WILSON 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 24,100' MD WELL OPERATOR ANTERO RESOURCES CORP. ADDRESS 1615 WYNKOOP STREET DENVER, CO 80202 DESIGNATED AGENT DIANNA STAMPER CT CORPORATION SYSTEM ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

API WELL # 47-085-10370 STATE COUNTY PERMIT COUNTY NAME PERMIT



4708 1037

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Antero Resources Corp

APPALACHIAN BASIN

KAREN UNIT 2H

Ritchie County

REMARKS

QUADRANGLE: PULLMAN 7.5'
WATERSHED: SOUTH FORK HUGHES RIVER

DISTRICT: UNION

By: ECM



RECEIVED
Office of Oil & Gas
JUL 10
WV D:
Environment