

LATITUDE 39°12'30"

854'

3,693' TO BOTTOM HOLE

LATITUDE 39°15'00"

1H TOP HOLE

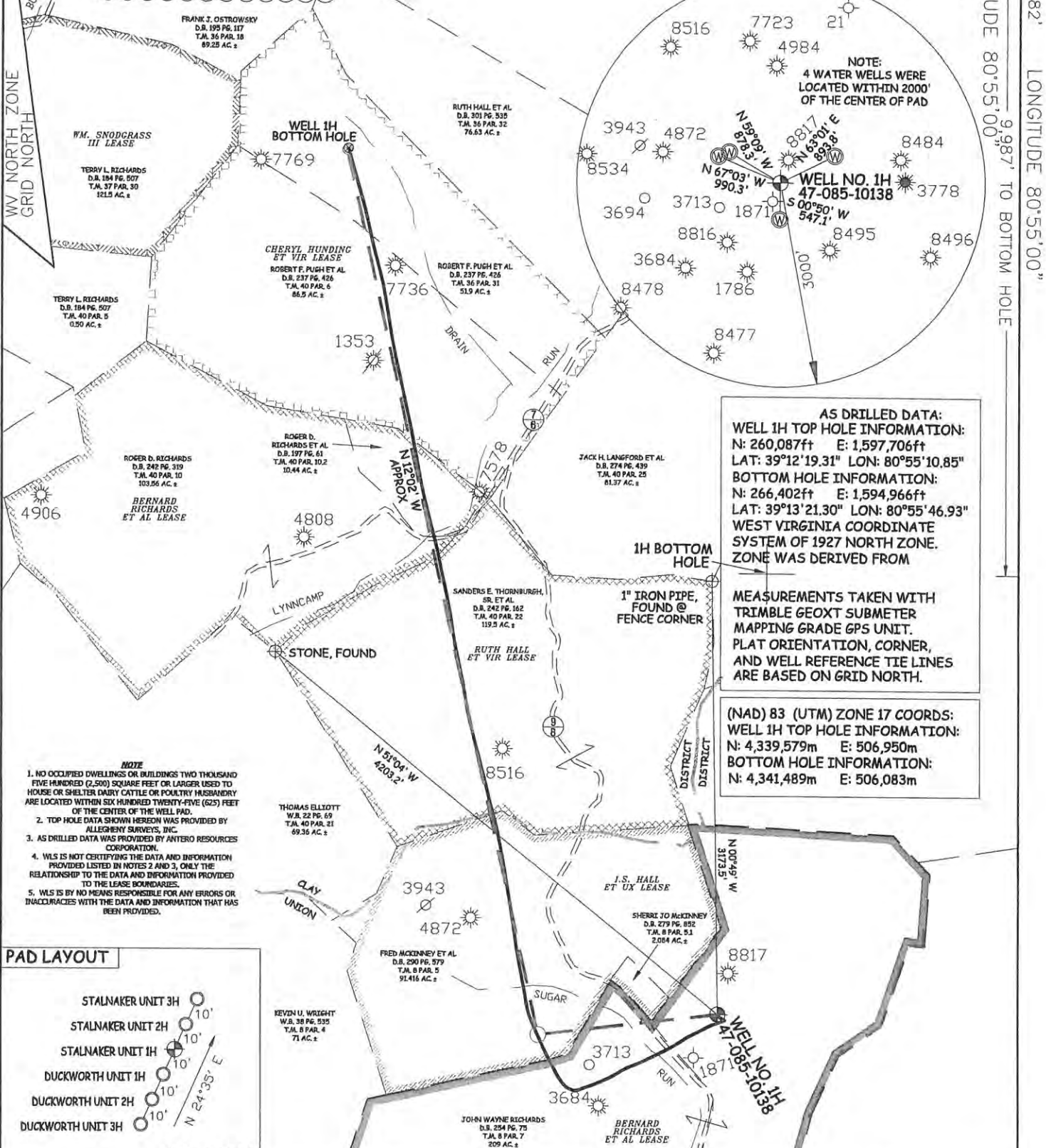
LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

1,082'

9,987' TO BOTTOM HOLE

Antero Resources Corporation Well No. Stalnaker Unit 1H 47-085-10138 (AS DRILLED)

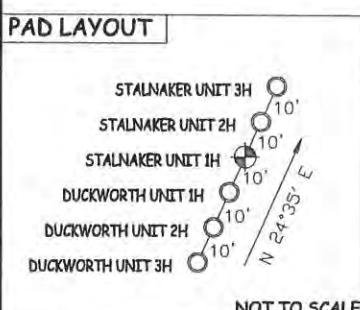


AS DRILLED DATA: WELL 1H TOP HOLE INFORMATION: N: 260,087ft E: 1,597,706ft LAT: 39°12'19.31" LON: 80°55'10.85" BOTTOM HOLE INFORMATION: N: 266,402ft E: 1,594,966ft LAT: 39°13'21.30" LON: 80°55'46.93" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM

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: 4,339,579m E: 506,950m BOTTOM HOLE INFORMATION: N: 4,341,489m E: 506,083m

- NOTE: 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD. 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY ALLEGHENY SURVEYS, INC. 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION. 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES. 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



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 table with symbols for Surface Owner Boundary Lines +/-, Interior Surface Tracts +/-, Existing Fence, Found monument, Proposed Well Path, and As Drilled Well Path.

DATE 07/13/15 OPERATOR'S WELL# STALNAKER UNIT #1H API WELL # 47-085-10138 STATE COUNTY PERMIT

LOCATION: ELEVATION 1,035' ORIGINAL - 1,025' AS DRILLED WATERSHED SOUTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE SURFACE OWNER JOHN WAYNE RICHARDS ACREAGE 209 ACRES +/- OIL & GAS ROYALTY OWNER BERNARD RICHARDS ET AL; I.S. HALL ET UX; RUTH HALL ET VIR; LEASE ACREAGE 214 AC.±; 100 AC.±; 120 AC.±; BERNARD RICHARDS ET AL; CHERYL HUNDING ET VIR 114 AC.±; 143 AC.±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) (X) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,375' TVD 13,533' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT