

LATITUDE 39°25'00"

11,491'

LATITUDE 39°27'30"

LONGITUDE 80°57'30"

796' TO BOTTOM HOLE

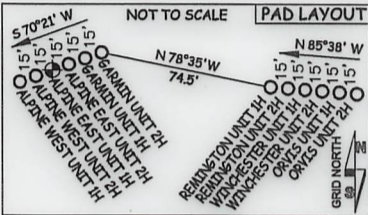
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

1H TOP HOLE

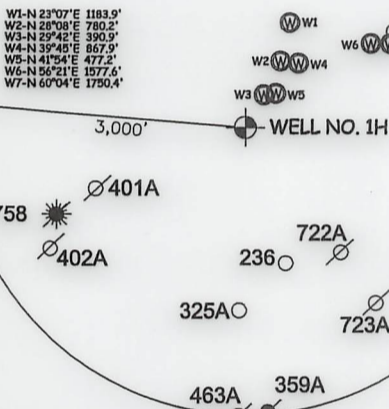
Antero Resources Corporation Well No. Alpine East Unit 1H

AS DRILLED DATA: WELL 1H TOP HOLE INFORMATION: N: 336,634ft E: 1,588,274ft LAT: 39°24'54.32" LON: 80°57'26.43" BOTTOM HOLE INFORMATION: N: 351,672ft E: 1,583,340ft LAT: 39°27'22.14" LON: 80°58'32.44" 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: 4,362,851m E: 503,687m BOTTOM HOLE INFORMATION: N: 4,367,407m E: 502,107m



NOTE: 7 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD

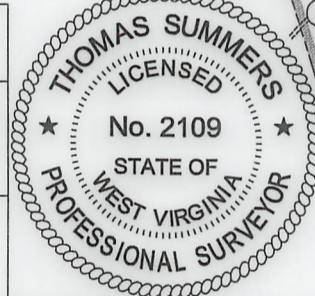


I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 17-005WA DRAWING # ALPINEEAST1H830AD 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

LEGEND: Surface Owner Boundary Lines +/- Interior Surface Tracts +/- Proposed Well Path As Drilled Well Path THOMAS SUMMERS P.S. 2109 DATE 01/19/21 OPERATOR'S WELL# ALPINE EAST UNIT #1H

WELL 1H POINT OF ENTRY INFORMATION: N: 336,613ft E: 1,588,378ft LAT: 39°24'57.10" LON: 80°57'25.15" (NAD) 83 (UTM) ZONE 17 COORDS: N: 4,362,936m E: 503,717m

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 02596 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 799' - AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER SURFACE OWNER JAMES SINE ET AL ACREAGE 32.395 ACRES +/- OIL & GAS ROYALTY OWNER JAMES SINE ET UX; JANIE DENOON TRUST; DONALD E. ROBINSON ET UX; JAMES M. UTT; DONALD L. BAKER ET UX; STAR FURNITURE CO.; LEASE ACREAGE 54.74 ACRES +/- 41 ACRES +/- 98.06 ACRES +/- 204.88 ACRES +/- 173.65 ACRES +/- 73.23 ACRES +/- STEPHEN C. ANDERSON; GEORGE E. POST ET UX; ALFRED EDWARD TUTTLE ET AL; GEORGE E. POST ET UX; EARL E. BLAIR ET UX 175.66 ACRES +/- 84.67 ACRES +/- 49.75 ACRES +/- 138.56 ACRES +/- 43.25 ACRES +/- 110 ACRES +/- PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,023' TVD 22,146' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313