

LATITUDE 39°20'00"

7,088'

9,937' TO BOTTOM HOLE

LATITUDE 39°22'30"

LONGITUDE 80°42'30"

9,393'

13,712' TO BOTTOM HOLE

LONGITUDE 80°42'30"

Antero Resources Corporation Well No. Cortina Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 296,521ft E: 1,651,004ft ... BOTTOM HOLE INFORMATION: N: 307,415ft E: 1,648,302ft ... 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: 4,350,950m E: 523,002m ... BOTTOM HOLE INFORMATION: N: 4,354,255m E: 522,123m

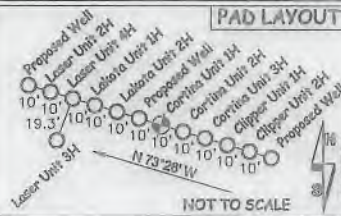
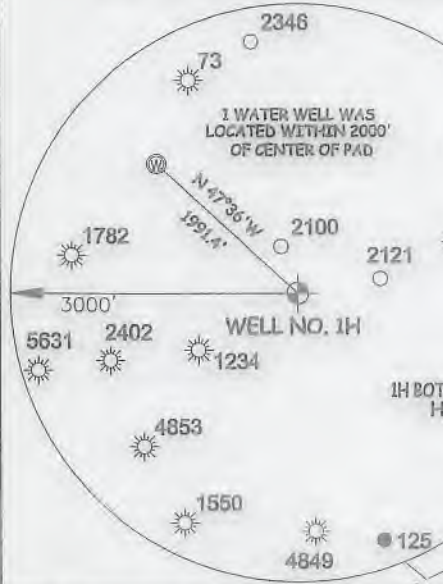


Table listing landowners and lease information, including names like Samuel Hammett, Larry Williams, and various lease numbers.



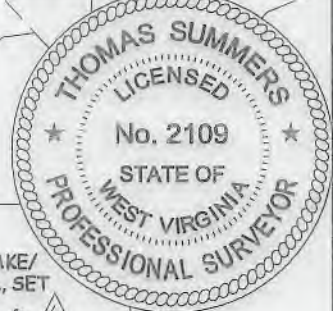
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

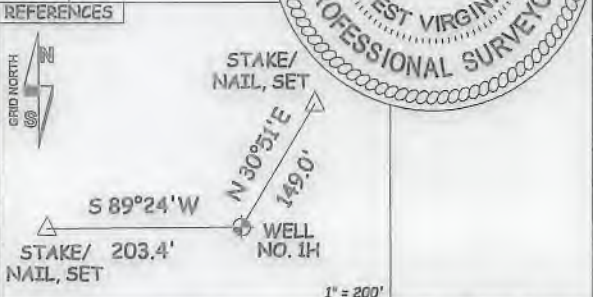
NOTE: NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR FOULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,274,025ft E: 1,715,834ft ... POINT OF ENTRY INFORMATION: N: 14,274,245ft E: 1,716,298ft ... BOTTOM HOLE INFORMATION: N: 14,284,869ft E: 1,712,951ft



JOB # 18-033WA, DRAWING # CORTINA1HR2, 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 +/-, Existing Fence, Found monument, as noted. THOMAS SUMMERS P.S. 2109, DATE 05/09/19, OPERATOR'S WELL# CORTINA UNIT 1H



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 017 - 06289 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,283' AS-BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5' DISTRICT WEST UNION COUNTY DODDRIDGE SURFACE OWNER GEORGE S. WYCKOFF ACREAGE 104.27 ACRES +/- OIL & GAS ROYALTY OWNER V.B. CHAPMAN ET UX; JOHNSON B. SMITH ET UX; P.S. COWMAN ET UX; JOHNSON WILLIAMS; EDGAR DAVISSON ET UX; LORELEI PHILLIPS ET AL.; GORE CORP.; MARIE K. COX ET AL.; R. B. WHITE HEIRS LEASE ACREAGE 156 ACRES±; 180 ACRES±; 105.93 ACRES±; 105.5 ACRES±; 230 ACRES±; 72 ACRES±; 11.25 ACRES±; 97 ACRES±; 53 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) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,500' TVD 19,600' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



