

10,016' TO TOP HOLE

LATITUDE 39°22'30"

Antero Resources Corporation Well No. Hayes Unit 2H

Table with columns: TM-Par, Surface Owner, Book/Pg, Acreage. Lists various landowners and their respective acreages.

Royalty Owner table listing names and acreages for various royalty owners.

AS DRILLED DATA: WELL 2H TOP HOLE INFORMATION: N: 318,122ft E: 1,601,240ft... BOTTOM HOLE INFORMATION: N: 307,873ft E: 1,606,332ft...

(NAD) 83 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 4,357,277m E: 507,731m... BOTTOM HOLE INFORMATION: N: 4,354,181m E: 509,335m

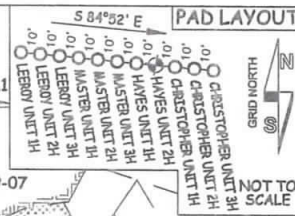
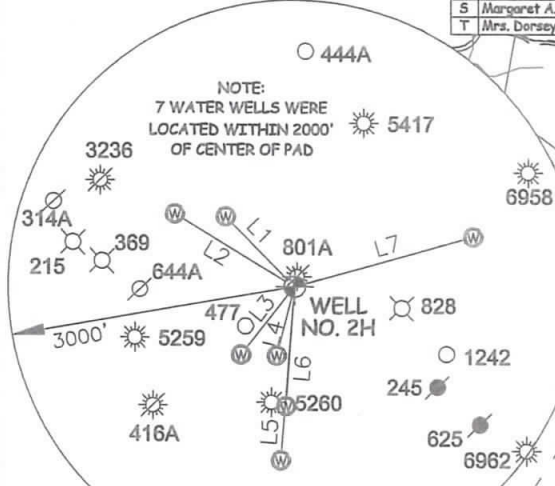


Table with columns: LINE, BEARING, DIST. Lists well path lines L1 through L7 with their bearings and distances.



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 # 17-014WA, DRAWING # HAYES2HAD, 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. Signature of Thomas Summers, P.S. 2109, DATE 09/04/19, OPERATOR'S WELL# HAYES UNIT #2H

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.

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 085 - 10366 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 970' AS BUILT WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/- OIL & GAS ROYALTY OWNER THE IRENE NUTTER HAYMOND TRUST; PERKINS OIL & GAS; WILSON HOSKINS ET UX; ARETTA P. LEASE ACREAGE 375 AC±; 94.0 AC±; 120 AC±; 60 AC±; BRELSFORD; L. S. TAGGART ET AL; CHARLENE COTTRILL ET VIR; CHARLES EUGENE ALLMAN ET UX; MICHAEL A. TOOTHMAN ET UX; CHARLES EUGENE ALLMAN ET UX; 151 AC±; 29.21 AC±; 24 AC±; 34 AC±; 18 AC±; ORLAN HADSEL ROWE ET AL; NORMAN D. FLEMING ET UX; BETTY M. TARULLI ET AL; MARGARET A. THOMAS ET VIR; ANNA E. VALENTINE; MRS. DORSEY P. CHRISLIP 57 AC±; 16.91 AC±; 76.8 AC±; 28 AC±; 135 AC±; 87.75 AC±; 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 6,357' TVD 18,156' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD DENVER, CO 80202 CHARLESTON, WV 25313