

10,025' TO TOP HOLE

LATITUDE 39°22'30"

Antero Resources Corporation Well No. Hayes Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 318,123ft E: 1,601,230ft LAT: 39°21'53.43" LON: 80°54'37.65" BOTTOM HOLE INFORMATION: N: 307,720ft E: 1,605,831ft LAT: 39°20'11.32" LON: 80°53'37.02" WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER 1H TOP MAPPING GRADE GPS UNIT. HOLE 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: 4,357,277m E: 507,728m BOTTOM HOLE INFORMATION: N: 4,354,131m E: 509,183m

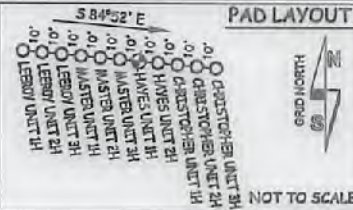


Table with columns: TM-Per, Surface Owner, Book/Pg, Acreage. Lists various land parcels and owners.

WV NORTH ZONE GRID NORTH

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

14,031' TO BOTTOM HOLE

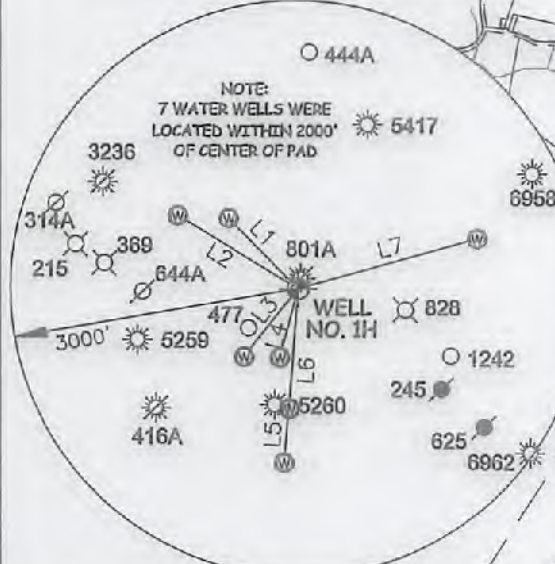


Table with columns: LINE, BEARING, DIST. Lists boundary lines L1 through L7.

Table with columns: Royalty Owner, Name. Lists various royalty owners and their names.

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

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,294,787ft E: 1,665,724ft POINT OF ENTRY INFORMATION: N: 14,295,078ft E: 1,666,860ft BOTTOM HOLE INFORMATION: N: 14,284,465ft E: 1,670,497ft

NOTE: 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.



Form containing JOB # 17-014WA, DRAWING # HAYES1H, SCALE 1"=2000', LEGEND, REFERENCES, and STAKE/NAIL, SET information.

Form containing WELL TYPE, LOCATION, SURFACE OWNER, PROPOSED WORK, TARGET FORMATION, WELL OPERATOR, ADDRESS, and other technical details.

06/29/2018

COUNTY NAME PERMIT

4708510365

# Antero Resources Corporation

Appalachian Basin

Hayes Unit 1H

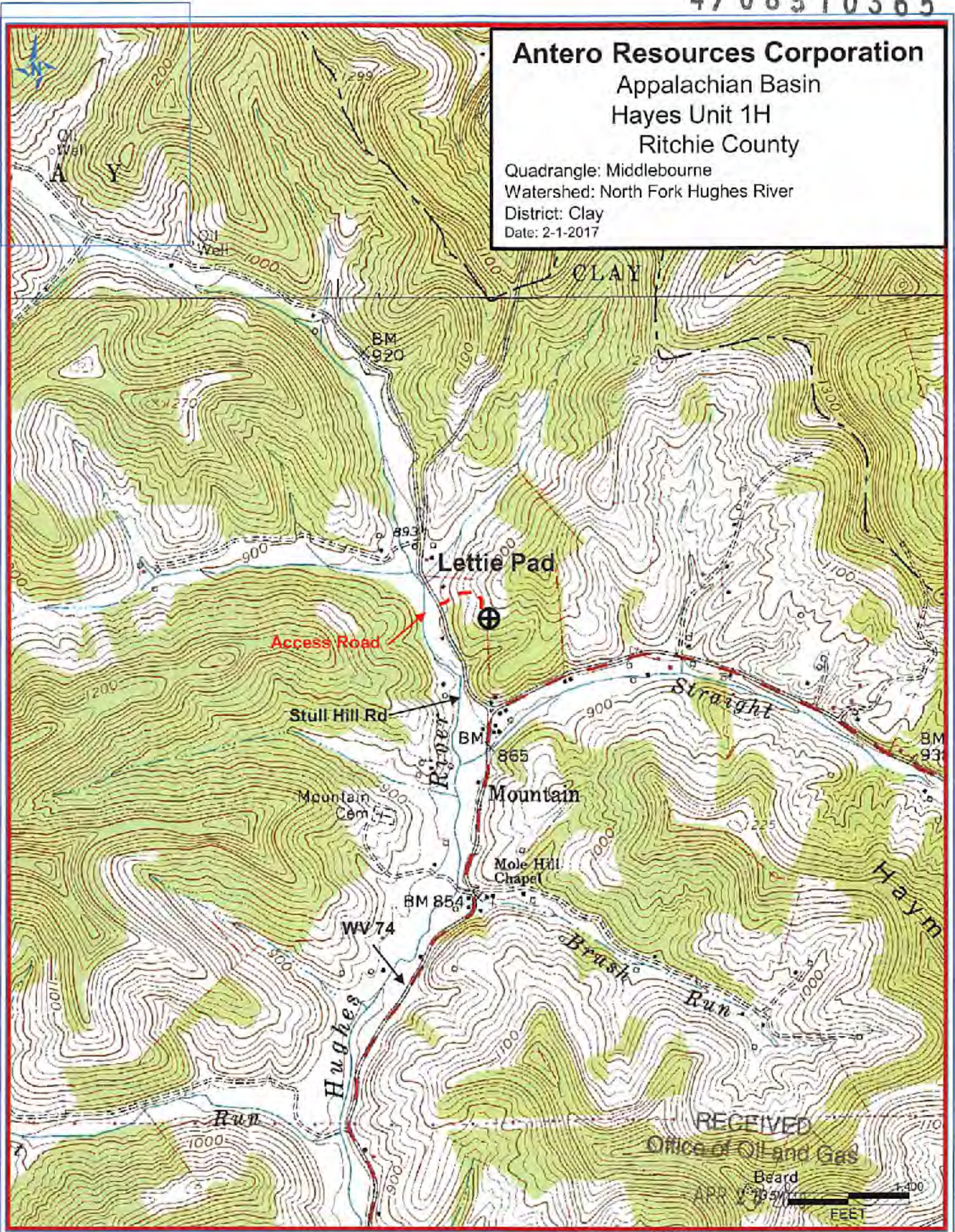
Ritchie County

Quadrangle: Middlebourne

Watershed: North Fork Hughes River

District: Clay

Date: 2-1-2017



WV Department of Environmental Protection 06/29/2018