

LATITUDE 39°12'30" 6,984'

LATITUDE 39°10'00"

3,871' TO BOTTOM HOLE

Antero Resources Corporation Well No. Shays 1H

NOTES:

WELL 1H TOP HOLE INFORMATION: N: 247,442ft E: 1,615,005ft LAT: 39°10'16.98" LON: 80°51'28.68" ... 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: 4,335,815m E: 512,284m BOTTOM HOLE INFORMATION: N: 4,331,638m E: 513,240m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,224,371ft E: 1,680,671ft POINT OF ENTRY INFORMATION: N: 14,223,907ft E: 1,679,297ft BOTTOM HOLE INFORMATION: N: 14,210,668ft E: 1,683,809ft

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.

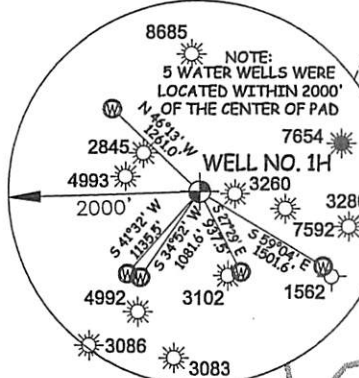
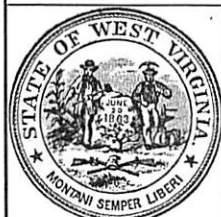


Table listing landowners and lease numbers for the area. Columns include Southwest District - Doddridge County and Union District - Ritchie County. Owners listed include David Ball, Trustees of Baptist Church, Kevin Ball, Isaac Richards, James Haught, etc.

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.

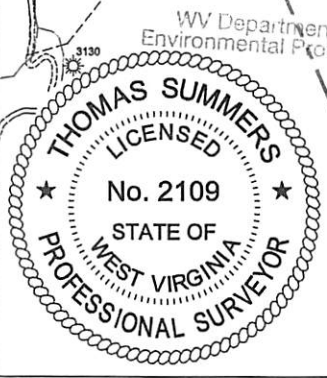
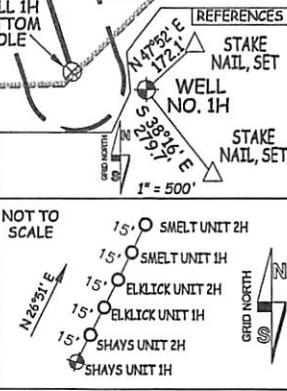


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

JOB # 21-015WA DRAWING # SHAYS1HR1 SCALE 1" = 2000' MINIMUM DEGREE OF ACCURACY SUBMETER PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND: Surface Owner Boundary Lines +/-, Adjoining Surface Tracts +/-, Found monument, as noted. Includes signature of Thomas Summers and date 05/12/22.



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 085 - 10421 MD (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,040'-ORIGINAL 1,019'-PROPOSED WATERSHED SOUTH FORK HUGHES RIVER QUADRANGLE OXFORD 7.5' DISTRICT UNION COUNTY RITCHIE SURFACE OWNER ELMER W. PIERCE ACREAGE 67.78 ACRES +/- OIL & GAS ROYALTY OWNER R.F. KEISTER ET AL; DELIA M. SHEPLER ET AL; JACOB PIERCE ET AL; LEASE ACREAGE 70 AC±; 48 AC±; 31 AC±; RALPH JETT ET UX; MARY J. BRITTON ET UX; D.J. RICHARDS ET UX; FONDA COX; ELIZABETH E. BRITTON; 148 AC±; 69 AC±; 38.2 AC±; 10.5 AC±; 160.75 AC±; JOSEPH C. DONOVAN ET UX; MILES S. BALL; DARLENE BOSTON; CHAD W. JOHNSON; HARVEY SHEPLER ET AL; CLARENCE E. BUSH ET UX. 6.37 AC±; 0.21 AC±; 100 AC±; 165 AC±; 188 AC±; 75 AC± PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD-BHL TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 6,900' TVD 23,100' 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

RECEIVED Office of Oil and Gas MAY 20 2022

WV Department of Environmental Protection

06/10/2022

11,995' TO BOTTOM HOLE

13,458

LONGITUDE 80°50'00"

LONGITUDE 80°50'00"

COUNTY NAME

PERMIT