

LATITUDE 39°22'30" 2,082'

4,306' TO BOTTOM HOLE
LATITUDE 39°25'00"

LONGITUDE 80°55'00"
9,296' TO BOTTOM HOLE
LONGITUDE 80°55'00"

Antero Resources Corporation
Well No. Swartzmiller Unit 1H
17-085-10349

NOTES:

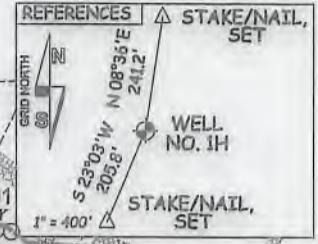
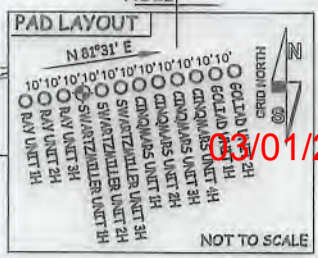
WELL 1H TOP HOLE INFORMATION:
N: 320,632ft E: 1,597,432ft
LAT: 39°22'17.63" LON: 80°55'26.52"

BOTTOM HOLE INFORMATION:
N: 327,798ft E: 1,595,321ft
LAT: 39°23'28.12" LON: 80°55'54.85"

WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 660XT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

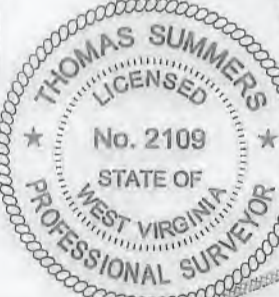
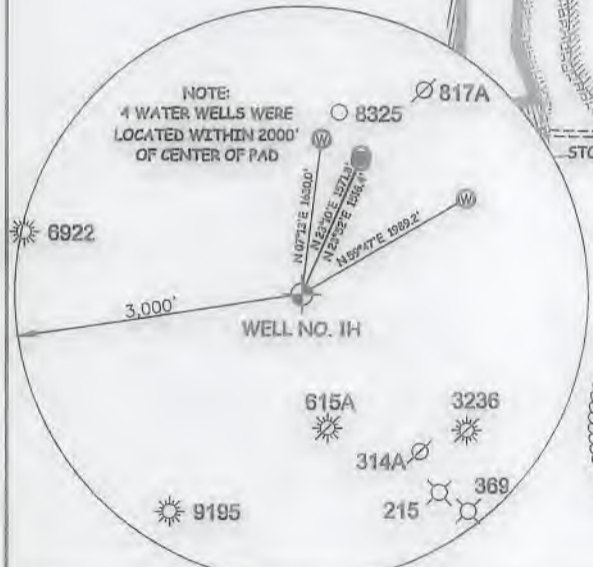
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,358,022m E: 506,556m
BOTTOM HOLE INFORMATION:
N: 4,360,195m E: 505,879m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,297,231ft E: 1,661,886ft
POINT OF ENTRY INFORMATION:
N: 14,297,269ft E: 1,661,993ft
BOTTOM HOLE INFORMATION:
N: 14,304,358ft E: 1,659,656ft



WV NORTH ZONE
GRID NORTH

Clay District - Ritchie County		
PAR.	SURFACE OWNER	OIL & GAS ROYALTY OWNER
1-08	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-09	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-11	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-12	CLIFF PERKINS ET AL	LAURA ULAM
1-13	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-14	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-15	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-16	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-17	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-18	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-19	MICHAEL DER	GARY MICHAEL DER ET UX
1-20	TONY PERKINS ET AL	TONY ADRIAN PERKINS
3-03	BRIAN JONES	BRIAN KEITH JONES
3-04	BRIAN JONES	BRIAN KEITH JONES
3-05	DENNY COWGER	DENNY COWGER ET UX
3-06	CLIFF PERKINS ET AL	TONY ADRIAN PERKINS



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.

JOB # 17-04WA	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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.	LEGEND ----- Surface Owner Boundary Lines +/- ----- Interior Surface Tracts +/- ----- Existing Fence ⊕ Found monument, as noted
DRAWING # SWARTMILLER1HR2		
SCALE 1" = 1000'	STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	THOMAS SUMMERS P.S. 2109
MINIMUM DEGREE OF ACCURACY SUBMETER		DATE 02/19/19
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	OPERATOR'S WELL# SWARTZMILLER UNIT #1H
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X		COUNTY NAME PERMIT
LOCATION: ELEVATION 1,235' AS BUILT WATERSHED NORTH FORK HUGHES RIVER		
QUADRANGLE PENNSBORO 7.5' - TH MIDDLEBOURNE 7.5' - BH DISTRICT CLAY COUNTY RITCHIE		
SURFACE OWNER DAVID L. WEEKLEY REVOCABLE TRUST ACREAGE 203.38 ACRES +/-		
OIL & GAS ROYALTY OWNER DAVID L. WEEKLEY REVOCABLE TRUST; CLIFF WM. PERKINS ET UX; LEASE ACREAGE 229 AC±; 16.35 AC±;		
CLIFF WM. PERKINS ET UX; CLIFF WM. PERKINS ET UX; LAURA ULAM; CLIFF WM. PERKINS ET UX; CLIFF WM. PERKINS ET UX; 17 AC±; 18.5 AC±; 16.5 AC±; 16 AC±; 75.08 AC±;		
JOE-DOM INC.; ROBERT A. DAVIS ET UX 380 AC±; 284.33 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-POE		
TARGET FORMATION MARCELLUS PLUG & ABANDON ___ CLEAN OUT & REPLUG ___		
WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 7,000' TVD 15,200' MD		
ADDRESS 1615 WYNKOOP ST. ADDRESS DIANNA STAMPER - CT CORPORATION SYSTEM		
FORM WW-6 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313		