

LATITUDE 39°22'30" 2.072'

LATITUDE 39°25'00"

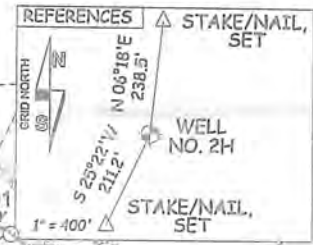
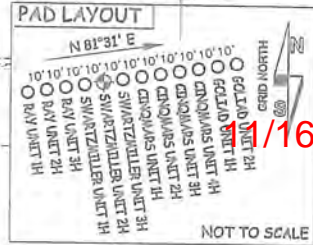
LONGITUDE 80°55'00" 9.077' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Swartzmiller Unit 2H
47-085-10350

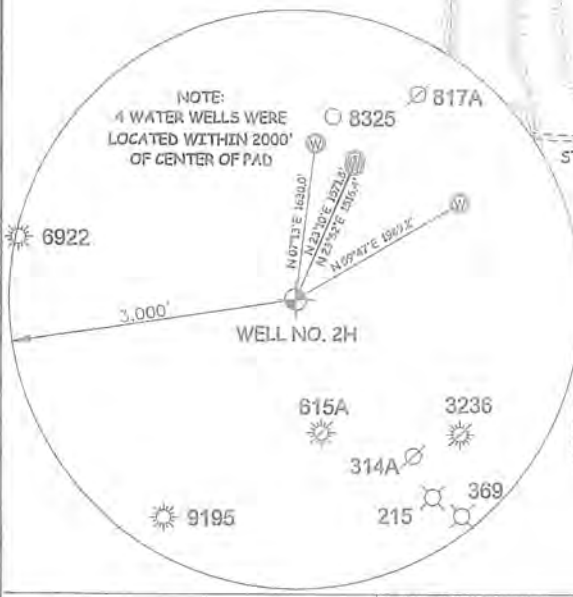
NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 320,634ft E: 1,597,442ft
 LAT: 39°22'17.65" LON: 80°55'26.39"
BOTTOM HOLE INFORMATION:
 N: 328,005ft E: 1,596,124ft
 LAT: 39°23'30.29" LON: 80°55'44.66"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TREMBLE 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 2H TOP HOLE INFORMATION:
 N: 4,358,023m E: 506,561m
BOTTOM HOLE INFORMATION:
 N: 4,360,262m E: 506,122m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 14,297,233ft E: 1,661,896ft
POINT OF ENTRY INFORMATION:
 N: 14,297,635ft E: 1,662,950ft
BOTTOM HOLE INFORMATION:
 N: 14,304,579ft E: 1,660,456ft



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 PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.	LEGEND - - - - - Surface Owner Boundary Lines +/- - - - - - Interior Surface Tracts +/- - - - - - Existing Fence - - - - - Found monument, as noted
DRAWING # SWARTZMILLER2HR	STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	DOUGLAS R. ROWE P.S. 2202
SCALE 1" = 2000'		DATE 07/30/18
MINIMUM DEGREE OF ACCURACY SUBMETER	WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	OPERATOR'S WELL# SWARTZMILLER UNIT #2H
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS		
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS		
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___		47 - 085 - 10350
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X		STATE COUNTY 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; TONY ADRIAN PERKINS;	LEASE ACREAGE 229 AC±; 26.11 AC±;	
TONY ADRIAN PERKINS; CLIFF WM. PERKINS ET UX; CLIFF WM. PERKINS ET UX; CLIFF WM. PERKINS ET UX;	2 AC±; 16.35 AC±; 17 AC±; 18.5 AC±;	
IRENE NUTTER HAYMOND TRUST; CLIFF WM. PERKINS ET UX; ROBERT A. DAVIS ET UX	375 AC±; 75.08 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-BHL	PLUG & ABANDON ___ CLEAN OUT & REPLUG ___	
TARGET FORMATION MARCELLUS	ESTIMATED DEPTH 7,000' TVD 15,900' 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	

COUNTY NAME PERMIT