

LATITUDE 39°22'30" — 2,063'

— 3,306' TO BOTTOM HOLE
LATITUDE 39°25'00"

LONGITUDE 80°55'00" — 9,005' TO BOTTOM HOLE
LONGITUDE 80°55'00"

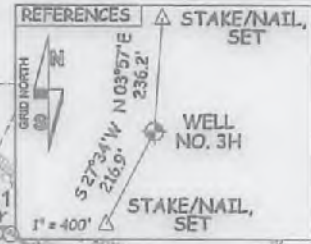
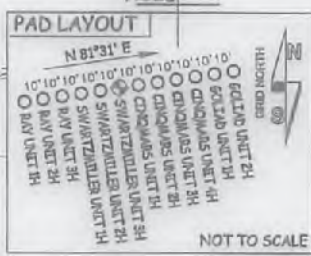
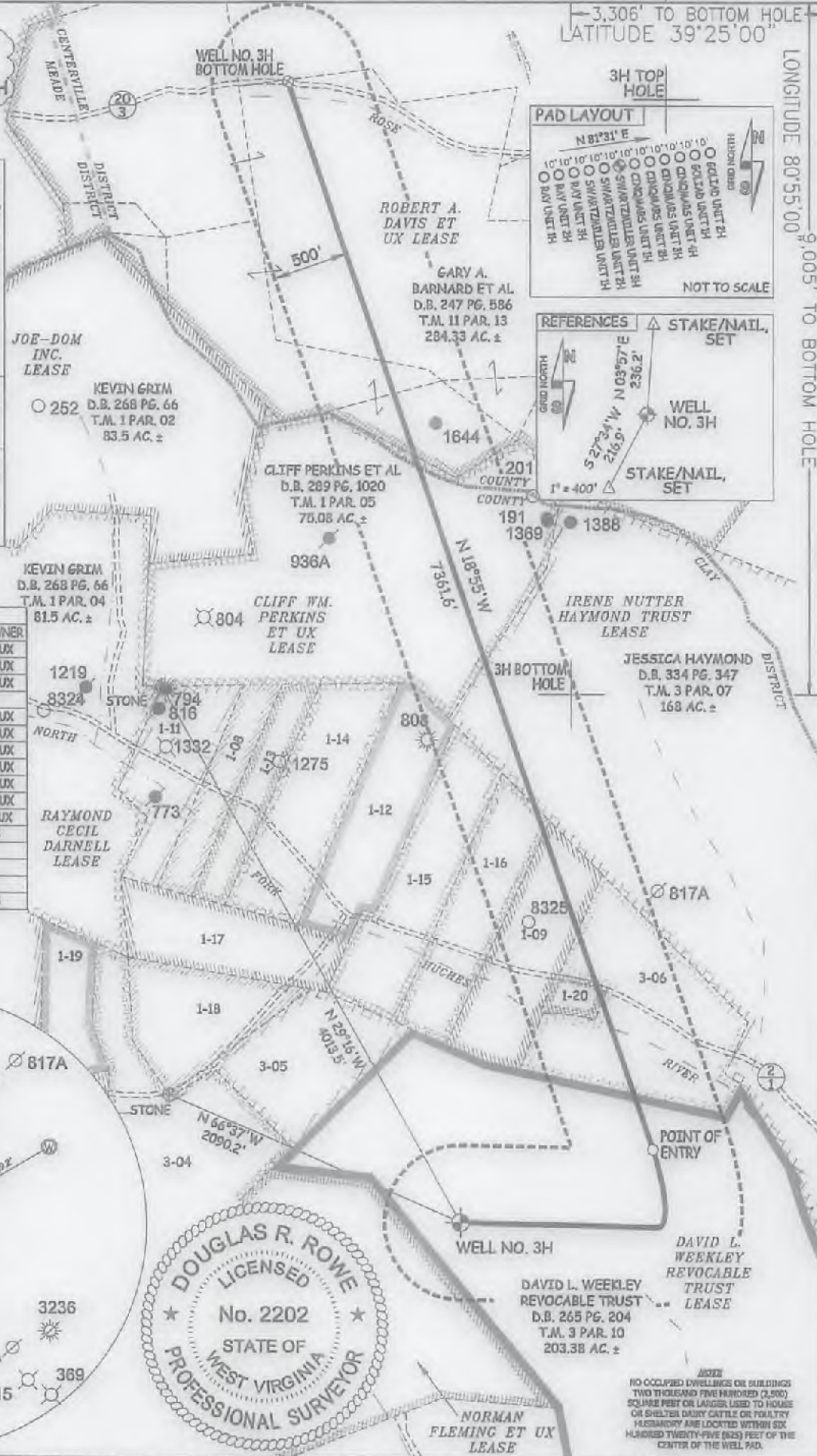
Antero Resources Corporation
Well No. Swartzmiller Unit 3H

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 320,635ft E: 1,597,452ft
LAT: 39°22'17.67" LON: 80°55'26.26"
BOTTOM HOLE INFORMATION:
N: 328,074ft E: 1,596,326ft
LAT: 39°23'31.00" LON: 80°55'42.11"
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.

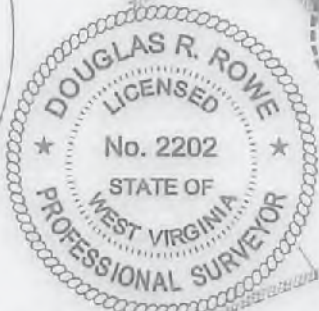
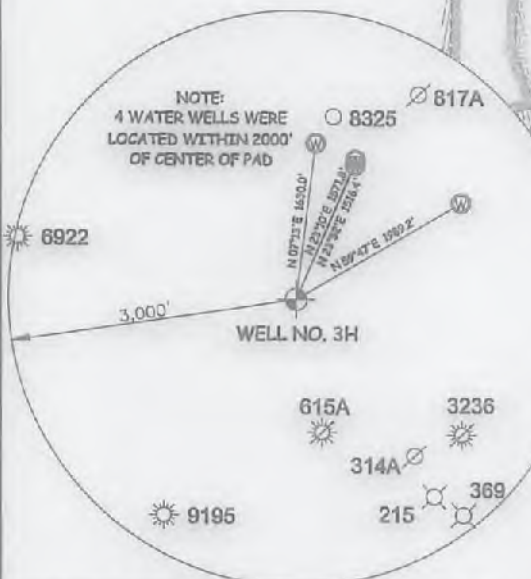
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 4,359,023m E: 506,564m
BOTTOM HOLE INFORMATION:
N: 4,360,284m E: 506,183m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 14,297,235ft E: 1,661,906ft
POINT OF ENTRY INFORMATION:
N: 14,297,730ft E: 1,663,158ft
BOTTOM HOLE INFORMATION:
N: 14,304,681ft E: 1,660,656ft

W NORTH ZONE GRID NORTH

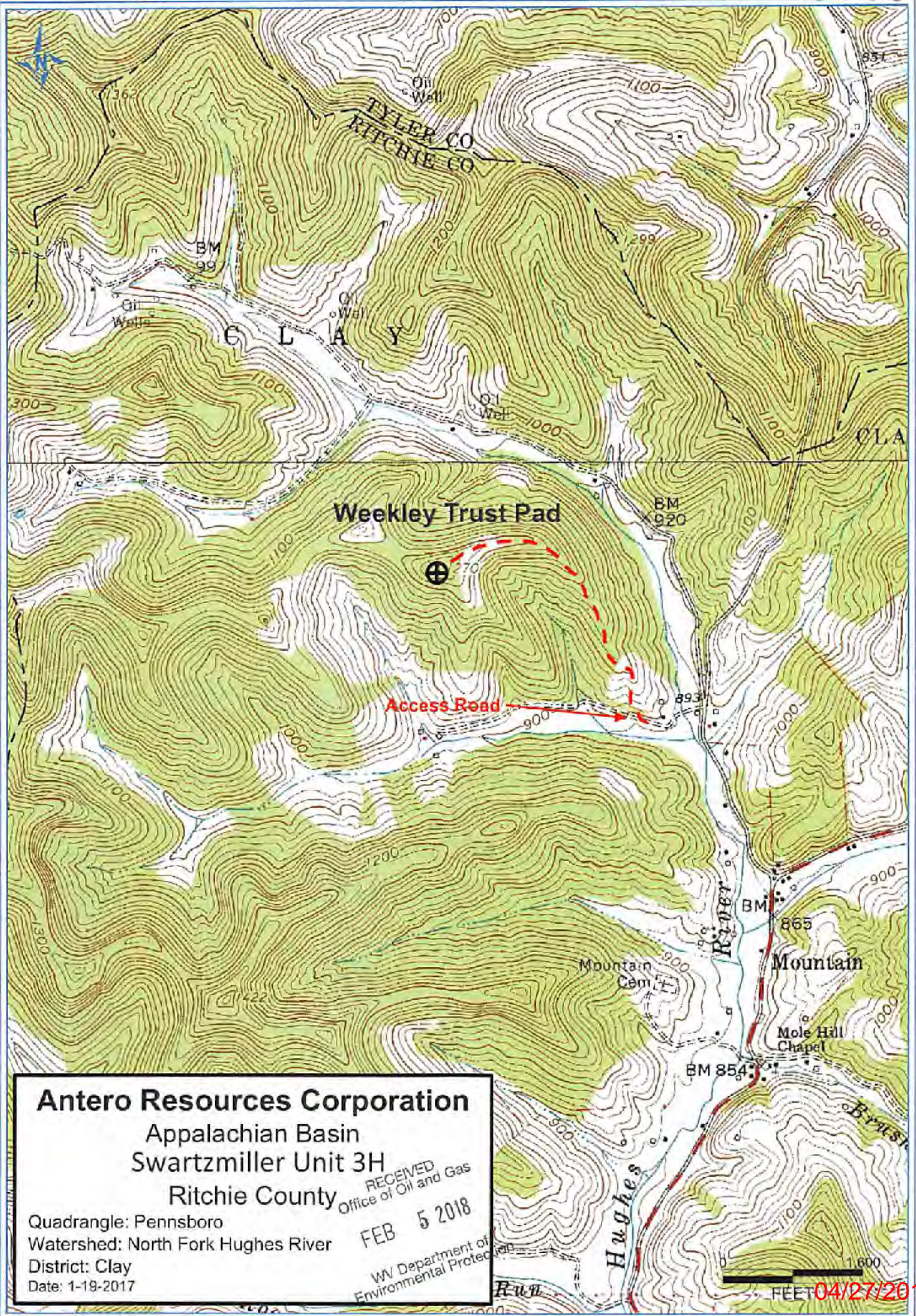


PAR.	SURFACE OWNER	OIL & GAS ROYALTY OWNER
1-08	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-09	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-11	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-12	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-13	CLIFF PERKINS ET AL	CLIFF WM. PERKINS ET UX
1-14	CLIFF PERKINS 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



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 AND 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 # SWARTZMILLER3H		
SCALE 1" = 2000'	STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	DOUGLAS R. ROWE P.S. 2202
MINIMUM DEGREE OF ACCURACY SUBMETER		DATE 01/25/18
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	OPERATOR'S WELL# SWARTZMILLER UNIT #3H
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	STATE OF WEST VIRGINIA	47 - 085 - 10351
		STATE COUNTY PERMIT
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___		04/27/2018
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X		
LOCATION: ELEVATION 1,285' - ORIGINAL 1,235' PROPOSED 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 +/-; 28.11 AC +/-		
TONY ADRIAN PERKINS; CLIFF WM. PERKINS ET UX; CLIFF WM. PERKINS ET UX; 2 AC +/-; 16.35 AC +/-; 17 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 X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X		
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___		
TARGET FORMATION MARCELLUS PLUG & ABANDON CLEAN OUT & REPLUG		
WELL OPERATOR ANTERO RESOURCES CORP. ESTIMATED DEPTH 6,800' TVD 15,000' MD		
ADDRESS 1815 WYNKOOP ST. DENVER, CO 80202	DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM	
	ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	



Antero Resources Corporation
 Appalachian Basin
 Swartzmiller Unit 3H
 Ritchie County

RECEIVED
 Office of Oil and Gas
 FEB 5 2018
 WV Department of
 Environmental Protection

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 1-19-2017

04/27/2018