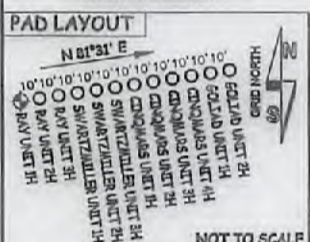


Clay District - Ritchie County

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 COWBER	DENNY COWBER ET UX
3-06	CLIFF PERKINS ET AL	TONY ADRIAN PERKINS

Meade District - Tyler County

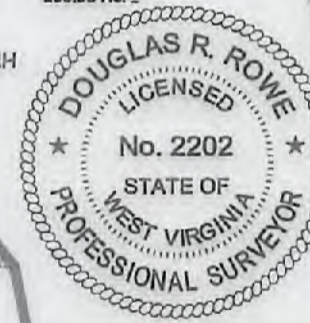
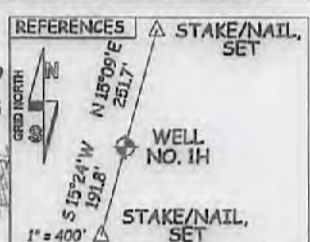
11-13	GARY A. BARNARD ET AL	GARY A. BARNARD ET AL
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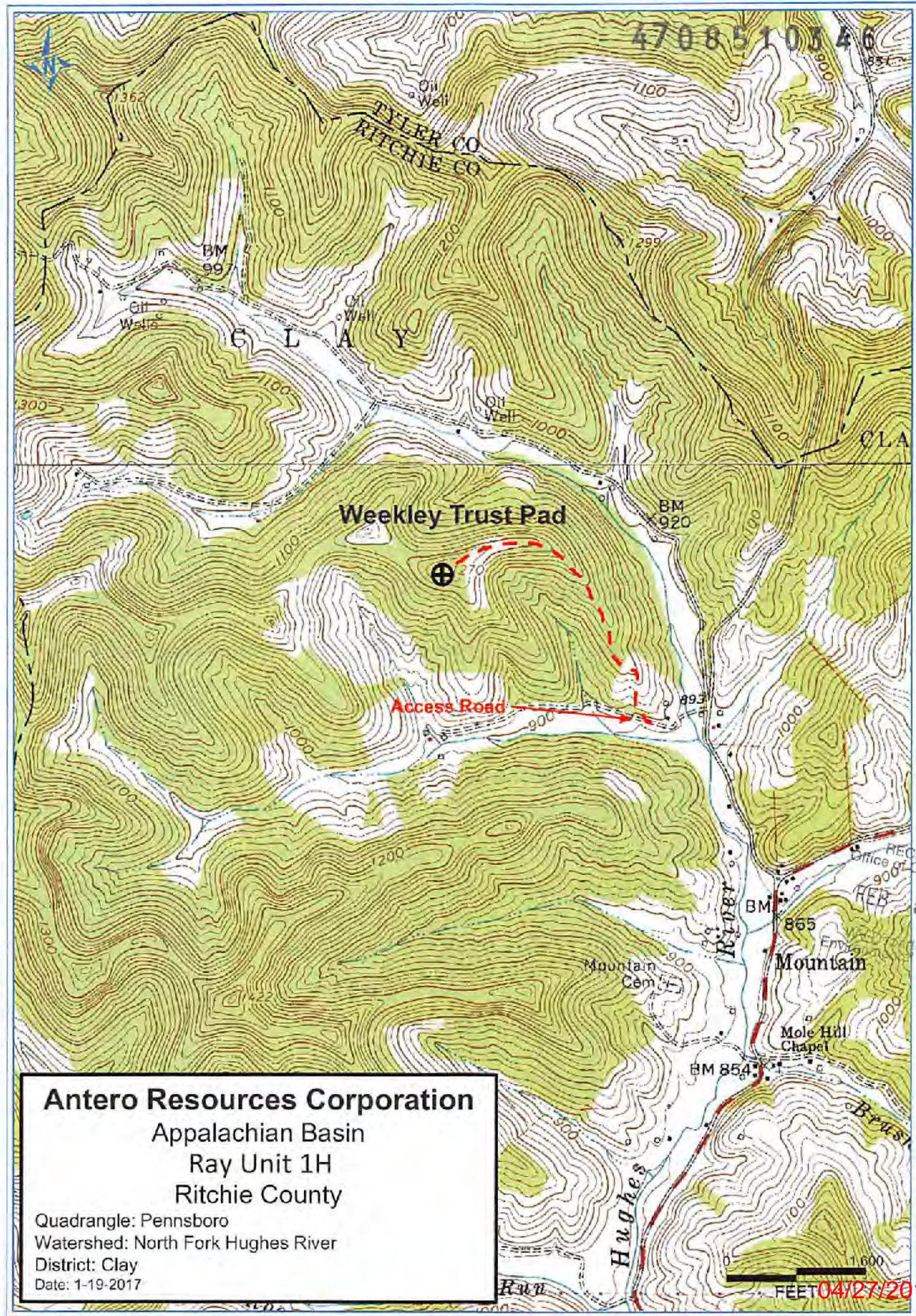
NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 320,628ft E: 1,997,402ft
 LAT: 39°22'17.59" LON: 80°55'26.89"
 BOTTOM HOLE INFORMATION:
 N: 327,183ft E: 1,593,130ft
 LAT: 39°23'21.69" LON: 80°56'22.63"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. FLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 4,358,021m E: 505,549m
 BOTTOM HOLE INFORMATION:
 N: 4,399,996m E: 505,214m

(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,297,227ft E: 1,661,856ft
 POINT OF ENTRY INFORMATION:
 N: 14,296,701ft E: 1,659,985ft
 BOTTOM HOLE INFORMATION:
 N: 14,303,707ft E: 1,657,477ft



JOB # 17-043WA	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	
DRAWING # RAY1HR		----- Surface Owner Boundary Lines +/-	----- Interior Surface Tracts +/-
SCALE 1" = 2000'		----- Existing Fence	⊕ Found monument, as noted
MINIMUM DEGREE OF ACCURACY SUBMETER			
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS		STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS	DOUGLAS R. ROWE P.S. 2202
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	WILLOW LAND SURVEYING PLLC 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415	DATE 01/31/18	OPERATOR'S WELL# RAYUNIT#1H
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___	(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X		47 - 085 - 10346
LOCATION: ELEVATION 1,265' - ORIGINAL 1,235' PROPOSED	WATERSHED NORTH FORK HUGHES RIVER		STATE COUNTY PERMIT
SURFACE OWNER DAVID L. WEEKLEY REVOCABLE TRUST	ACREAGE 203.38 ACRES +/-		COUNTY NAME
OIL & GAS ROYALTY OWNER DAVID L. WEEKLEY REVOCABLE TRUST; LEOTA M. DOAK;	LEASE ACREAGE 229 AC±; 126.5 AC±;		04/27/2018
BRIAN KEITH JONES; BRIAN KEITH JONES; GARY MICHAEL DER ET UX; JOE-DOM INC.;	31 AC±; 14 AC±; 10 AC±; 380 AC±;		
PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X	RAYMOND CECIL DARNELL; RICHARD HALL BARNARD 81.5 AC±; 148.25 AC±		PERMIT
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___	ESTIMATED DEPTH 6,800' TVD, 16,700' MD		
TARGET FORMATION MARCELLUS	DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM		
WELL OPERATOR ANTERO RESOURCES CORP.	ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202		
ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202	ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313		



Antero Resources Corporation
Appalachian Basin
Ray Unit 1H
Ritchie County

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

04/27/2018