

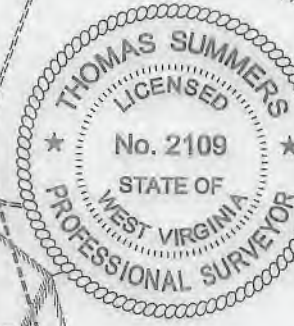
LATITUDE 39°15'00"

8,075'

1,202' TO BOTTOM HOLE
LATITUDE 39°17'30"

Antero Resources Corporation Well No. Riggs Unit 2H

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.



PAD LAYOUT

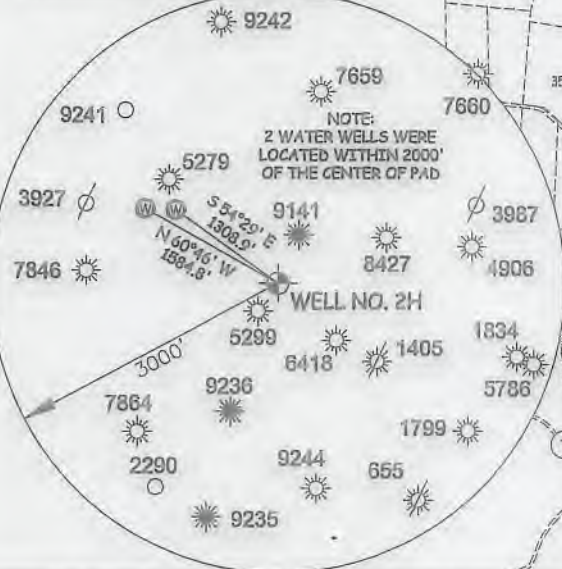
NOT TO SCALE

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,239,864ft E: 1,655,948ft
POINT OF ENTRY INFORMATION:
N: 14,239,888ft E: 1,656,099ft
BOTTOM HOLE INFORMATION:
N: 14,254,501ft E: 1,651,011ft

02/08/2019

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 263,352ft E: 1,590,535ft
LAT: 39°12'50.45" LON: 80°56'42.60"
BOTTOM HOLE INFORMATION:
N: 278,074ft E: 1,585,841ft
LAT: 39°15'15.20" LON: 80°57'45.27"
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 2H TOP HOLE INFORMATION:
N: 4,340,537m E: 504,748m
BOTTOM HOLE INFORMATION:
N: 4,344,998m E: 503,244m



Clay District - Ritchie County	
30-15	Joseph Wilson
30-16	Norma Hillvers
30-18	Harry Bruner
30-27	Joseph Wilson
30-41	Ray Taylor
31-17	E L F LLC
35-05	E L F LLC
35-12	E L F LLC
35-27	Kevin Headley
35-28	Brian Taylor
36-6.1	E L F LLC
36-14.1	Brian Taylor
36-25.1	EQT Gatherings OPCO LLC
36-26	Meghan Clovis
36-27	James Elder
36-28	James Masters
2H BOTTOM HOLE	
39-09	Howard Hornish
40-02	Scott Williams
40-07	James Masters
40-08	Terry Lee Richards
40-09	Terry Lee Richards
40-14	Duane Riggs
40-18	Duane Riggs
40-05	MARY A. TUCKER ET AL LEASE
40-03	S. A. SMITH & BUBBS MORRIS TRUST LEASE
40-11	LORETTA E. CLARK BARE ET AL LEASE
40-10	POINT OF ENTRY
40-09	55° WHITE OAK FENCE CORNER

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.



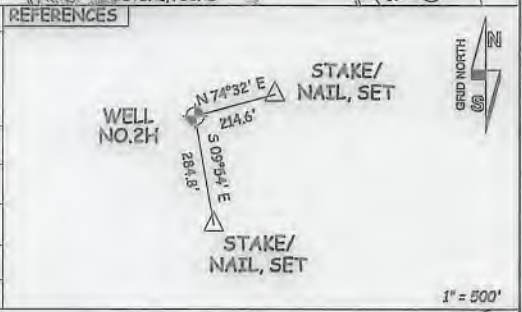
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

JOB # 18-024WA
DRAWING # RIGGS2HR
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
----- Surface Owner Boundary Lines +/-
----- Interior Surface Tracts +/-
- - - - - Existing Fence
⊕ Found monument, as noted

Thomas Summers
THOMAS SUMMERS P.S. 2109
DATE 11/13/18
OPERATOR'S WELL# RIGGS UNIT #2H



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 085 - 10385
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION 1,162' ORIGINAL - 1,149' PROPOSED WATERSHED NORTH FORK HUGHES RIVER QUADRANGLE PULLMAN 7.5' (SHL) PENNSBORO 7.5' (BHL)
SURFACE OWNER TERRY LEE RICHARDS ACREAGE 60 ACRES +/- DISTRICT CLAY COUNTY RITCHEE
OIL & GAS ROYALTY OWNER LORETTA K. CLARK BARE ET AL; MILES H. LAMM ET UX; LAWRENCE E. DOTSON ET UX; LEASE ACREAGE 60 AC±; 44 AC±; 57 AC±;
DUANE RIGGS; ALMARINE HOUGE; HARRY J. TAYLOR; MARY HOLLAND ET VIR; GROVER C. TAYLOR ET AL; 42.5 AC±; 80 AC±; 155 AC±; 220 AC±; 577 AC±;
LENA R. CARR ET AL; DALE WEEKELY ET AL 163 AC±; 140 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) ___ PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 22,800' 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

LONGITUDE 80°55'00"

