

LATITUDE 39°22'30" 2,043'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

10,921' TO BOTTOM HOLE

Antero Resources Corporation
Well No. Cinqmars Unit 2H
47-085-10342

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 320,638ft E: 1,597,472ft
LAT: 39°22'17.70" LON: 80°55'26.01"
BOTTOM HOLE INFORMATION:
N: 310,835ft E: 1,600,223ft
LAT: 39°20'41.24" LON: 80°54'49.01"
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 2H TOP HOLE INFORMATION:
N: 4,358,024m E: 506,570m
BOTTOM HOLE INFORMATION:
N: 4,355,052m E: 507,459m



WV NORTH ZONE GRID NORTH

TM-Par	Surface Owner	2H TOP HOLE	Acres
03-03	Brian Jones	295/295	14 AC
03-04	Brian Jones	295/295	30 AC
03-05	Denny Cowser	270/220	15.78 AC
03-09	Steven Hoga	222/163	57 AC
03-91	Steven Hoga	222/163	73 AC
03-10	David Weekley Revocable Trust	265/204	203.38 AC
03-11	Steven Hoga	303/566	24.12 AC
03-11.1	Walter Hill	340/171	15.5 AC
03-11.2	Steven Hoga	312/193	0.58 AC
03-11.3	David Weekley Revocable Trust	300/478	40 AC
03-11.4	Owens Thelwall	311/749	76.56 AC
03-12	David Weekley Revocable Trust	265/204	25 AC
03-15	John Milligan	305/256	45.75 AC
03-16.1	John Milligan	305/256	25 AC
03-17	John Milligan	305/256	25 AC
03-18	Parkins Oil & Gas Inc.	305/553	24.7 AC
03-23	Charles Bobiote	297/765	60 AC
03-24	Charles Bobiote	297/765	40 AC
04-31.1	Burt Neavald Sr.	316/1040	90.656 AC
08-06	Walter Fleming	280/373	39.09 AC
08-6.2	Walter Fleming	280/373	53.7 AC
08-07	Troy Kirk	238/418	41.556 AC
08-7.1	W.V.D.O.H.	271/891	0.231 AC
08-08	Dawn Ayers	269/888	LOT
08-8.1	Dawn Ayers	269/888	LOT
08-8.2	Tom Richmond	322/759	LOT
08-18	David Locco	287/389	40.67 AC
08-18.2	Troy Kirk	261/594	74.01 AC
08-19	Edwin Forman III	283/949	21.282 AC
08-19.1	Barbara Cornell	296/23	7.5 AC
08-19.4	Stephen Cook	340/270	2.156 AC
08-19.5	Troy Kirk	238/418	31.388 AC
08-26	Londrum Revocable Trust	240/488	39.535 AC
09-22	Randall Ridgway	279/207	22.932 AC
09-22.1	Randall Ridgway	279/207	27 AC

Royalty Owner
A Brian Keith Jones
B Brian Keith Jones
C Denny Cowser Et Ux
D Norman Fleming Et Ux
E David L. Weekley Revocable Trust
F Haught Family Trust
G John A. Milligan Et Al
H John A. Milligan Et Al
I John A. Milligan Et Al
J Lori Pierpont-Case
K Charles Allman
L Helen McCullough
M Charlene Cottrill
N Emerson McCullough Et Al
O Robert McCullough Et Ux
P Robert McCullough Et Ux
Q P&T Asset Management, LLC
R Eddie F. Londrum
S Ronald Lee Ridgway
T Tom L. Richmond
U Carl Ridgway Et Ux
V Edward T. Glasford



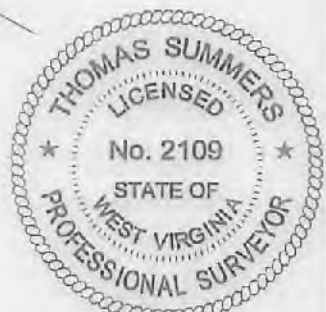
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

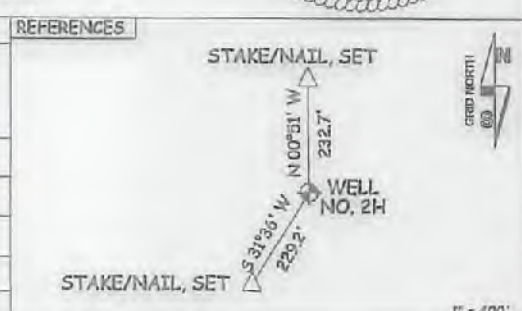
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,297,238ft E: 1,661,925ft
POINT OF ENTRY INFORMATION:
N: 14,296,997ft E: 1,661,422ft
BOTTOM HOLE INFORMATION:
N: 14,287,485ft E: 1,664,839ft

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 # 17-045WA
DRAWING # CINQMARS 2HR
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 +/-
X Existing Fence
⊕ Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 07/30/18
OPERATOR'S WELL# CINQMARS UNIT #2H



WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 085 10342 MOD

(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT

LOCATION: ELEVATION 1,235' AS BUILT WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER DAVID L. WEEKLEY REVOCABLE TRUST ACREAGE 203.38 ACRES +/-

OIL & GAS ROYALTY OWNER DAVID L. WEEKLEY REVOCABLE TRUST; NORMAN FLEMING ET UX; LEASE ACREAGE 229 AC±; 130 AC±; HAUGHT FAMILY TRUST; LORI PIERPONT-CASE; CHARLES ALLMAN; HELEN N. MCCULLOUGH; EMERSON MCCULLOUGH ET AL; 323 AC±; 24.25 AC±; 60 AC±; 103 AC±; 154 AC±; ROBERT MCCULLOUGH ET UX; CARL RIDGWAY ET UX; TOM L. RICHMOND; RONALD LEE RIDGWAY; ROBERT MCCULLOUGH ET UX 148 AC±; 22.5 AC±; 0.3 AC±; 0.1 AC±; 148.5 AC±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD BHL

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 18,200' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM

ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

FORM WW-6 DENVER, CO 80202