

LATITUDE 39°22'30" 2,043'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

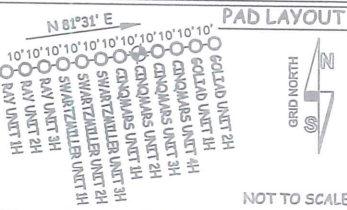
1,245' LONGITUDE 80°55'00"

10,924' TO BOTTOM HOLE

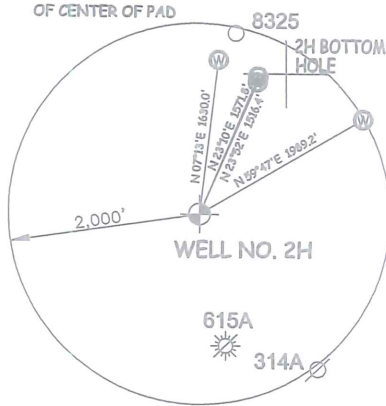
Antero Resources Corporation  
Well No. Cinqmars Unit 2H  
47-085-10342

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: 310,915ft E: 1,600,184ft  
LAT: 39°20'42.03" LON: 80°54'49.53"  
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: 4,355,076m E: 507,446m



NOTE:  
4 WATER WELLS WERE LOCATED WITHIN 2000' OF CENTER OF PAD



2H TOP

TM-Par	Surface Owner	Acres	Acres
03-03	Brian Jones	298/298	14 AC
03-04	Brian Jones	298/298	30 AC
03-05	Benny Cowger	270/228	15.75 AC
03-09	Steven Haga	222/163	87 AC
03-9.1	Steven Haga	222/163	73 AC
03-10	David Weekley Revocable Trust	265/204	203.38 AC
03-11	Steven Haga	303/566	24.12 AC
03-11.1	Walter Hill	340/679	45.83 AC
03-11.2	Steven Haga	318/195	0.58 AC
03-11.3	David Weekley Revocable Trust	308/476	40 AC
03-11.4	Ovando Thelwell	311/749	76.56 AC
03-12	David Weekley Revocable Trust	265/204	25 AC
03-16	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	Perkins Oil & Gas Inc.	308/653	24.7 AC
03-23	Charles Bobbins	297/766	60 AC
03-24	Charles Bobbins	297/766	40 AC
04-31.1	Burt Neswald 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	41.566 AC
08-7.1	W.V.D.O.H.	271/851	22.932 AC
08-08	Donna Ayers	269/588	LOT
08-8.1	Donna Ayers	269/588	LOT
08-8.2	Tom Richmond	322/759	LOT
08-18	David Locco	287/389	40.67 AC
08-18.2	Troy Kirk	261/894	74.01 AC
08-19	Edwin Forman III	283/949	21.252 AC
08-19.1	Barbara Cornell	296/23	7.5 AC
08-19.4	Stephen Deak	340/270	2.156 AC
08-19.5	Troy Kirk	238/418	31.338 AC
08-26	Landrum Revocable Trust	240/458	39.936 AC
09-22	Randall Ridgeway	279/207	22.932 AC
09-22.1	Randall Ridgeway	279/207	27 AC

Royalty Owner

A	Brian Keith Jones
B	Brian Keith Jones
C	Benny Cowger 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	Heleen McCullough
M	Charlene Cottrell
N	Emerson McCullough Et Al
O	Robert McCullough Et Ux
P	Robert McCullough Et Ux
Q	R&J Asset Management, LLC
R	Eddie F. Landrum
S	Ronald Lee Ridgeway
T	Tom L. Richmond
U	Carl Ridgeway Et Ux
V	Edward T. Clissold

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

- 1. 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.
- 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY
- 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
- 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
- 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.



JOB # 17-045WA  
DRAWING # CINQMARS 2HAD  
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  
THOMAS SUMMERS P.S. 2109  
DATE 02/10/20  
OPERATOR'S WELL# CINQMARS UNIT #2H

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 \_\_\_ 085 \_\_\_ 10342  
(IF "GAS") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
LOCATION: ELEVATION 1,235' AS BUILT WATERSHED NORTH FORK HUGHES RIVER STATE COUNTY PERMIT  
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 RIDGEWAY ET UX; TOM L. RICHMOND; RONALD LEE RIDGEWAY; 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) AS DRILLED PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,609' TVD 16,904' 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