

LATITUDE 39°22'30" ← 2,053'

182' TO BOTTOM HOLE
LATITUDE 39°22'30"

Antero Resources Corporation
Well No. Cinqmars Unit 1H
47-085-10341

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 320,637ft E: 1,597,462ft
LAT: 39°22'17.68" LON: 80°55'26.14"
BOTTOM HOLE INFORMATION:
N: 310,594ft E: 1,599,174ft
LAT: 39°20'38.70" LON: 80°55'02.32"
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.

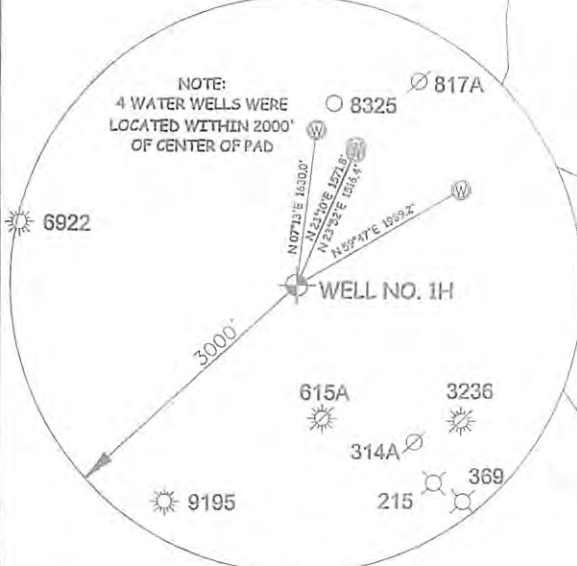
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,358,024m E: 506,567m
BOTTOM HOLE INFORMATION:
N: 4,354,973m E: 507,140m



WV NORTH ZONE
GRID NORTH

TM-Par	Surface Owner	Book/Pg	Acres
03-03	Brian Jones	298/295	14 AC
03-04	Brian Jones	298/295	30 AC
03-05	Denny Cowger	270/228	15.75 AC
03-09	Steven Haga	222/163	57 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	309/478	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.	308/693	24.7 AC
03-23	Charles Bobbins	297/766	60 AC
03-24	Charles Bobbins	297/766	40 AC
08-06	Walter Fleming	280/373	39.09 AC
08-07	Troy Kirk	238/418	41.566 AC
08-7.1	W.V.D.O.H.	271/851	0.234 AC
08-18.2	Troy Kirk	261/594	74.01 AC
08-19	Edwin Ferman III	283/949	21.232 AC

Well	Royalty Owner
A	Brian Keith Jones
B	Brian Keith Jones
C	Denny 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	Charles Allman
K	Charlene Cottrill
L	Emerson McCullough Et Al
M	Robert McCullough Et Ux
N	Lori Pierpont-Case
O	Robert McCullough Et Ux



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.

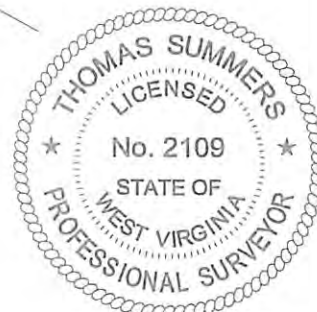


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

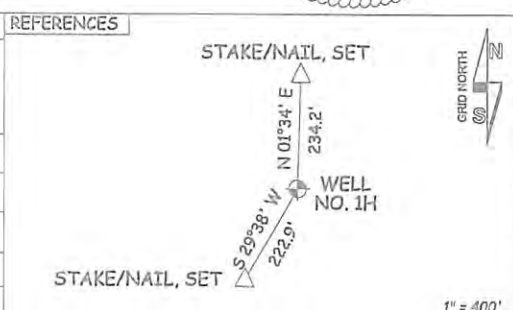
(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,297,236ft E: 1,661,915ft
POINT OF ENTRY INFORMATION:
N: 14,296,644ft E: 1,660,412ft
BOTTOM HOLE INFORMATION:
N: 14,287,227ft E: 1,663,795ft

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 1HR
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 #1H



WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 085 - 10341
(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; JOHN A. MILLIGAN ET AL; JOHN A. MILLIGAN ET AL; JOHN A. MILLIGAN ET AL; 323 AC±; 44.5 AC±; 25 AC±; 25 AC±;
CHARLES ALLMAN; CHARLENE COTTRILL; EMERSON MCCULLOUGH ET AL; ROBERT MCCULLOUGH ET UX 60 AC±; 40 AC±; 154 AC±; 148 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 PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 19,200' 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" 1,247' LONGITUDE 80°55'00"
182' TO BOTTOM HOLE
1H TOP HOLE
1H BOTTOM HOLE