

LATITUDE 39°22'30" 2.003'

LATITUDE 39°22'30"

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

9,494' TO BOTTOM HOLE

Antero Resources Corporation  
Well No. Goliad Unit 2H  
47-085-10345

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 320,644ft E: 1,597,511ft  
LAT: 39°22'17.76" LON: 80°55'25.51"  
BOTTOM HOLE INFORMATION:  
N: 311,714ft E: 1,601,664ft  
LAT: 39°20'50.15" LON: 80°54'30.85"  
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.

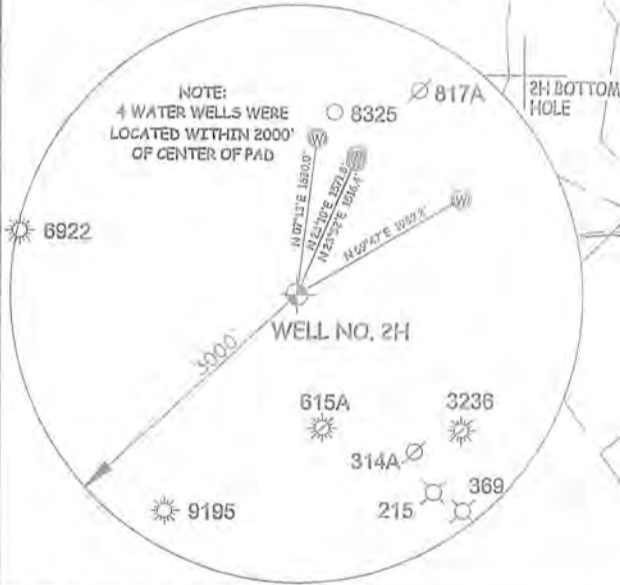
(NAD) 83 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 4,358,026m E: 506,582m  
BOTTOM HOLE INFORMATION:  
N: 4,355,327m E: 507,893m



WV NORTH ZONE GRID NORTH

TM-Par	Surface Owner	Book/Pg	Acres
03-06	Cliff Perkins	289/1012	24.1 AC
03-9.1	Steven Haga	222/161	73.36 AC
03-10	David Weekley Revocable Trust	265/201	203.38 AC
03-12	David Weekley Revocable Trust	265/204	25 AC
03-19	Hummer Properties	322/625	22.5 AC
03-25	Walter Fleming	286/672	4.36 AC
04-22	Donald Freas	262/167	42.22 AC
04-31	Myron Perkins	166/521	1.39 AC
04-31.1	Burt Neswald Sr.	316/1040	90.656 AC
04-32	Gary Bishop	339/45	4.7 AC
04-35	Gary Bishop	339/43	24.256 AC
04-39	Scott Leggett	346/291	0.75 AC
04-42	Walter Fleming	280/373	0.34 AC
04-42.1	Walter Fleming	286/676	0.47 AC
04-42.2	Walter Fleming	280/373	0.3 AC
04-42.3	Walter Fleming	280/373	LOT
04-43	Walter Fleming	280/373	4.66 AC
04-43.1	Scott Leggett	346/291	0.529 AC
04-44	Donald Morrison	154/251	1.25 AC
04-50	James Mahoney	257/216	5 AC
04-51	Jacob Cox	340/525	2.2 AC
08-6.2	Walter Fleming	280/373	53.7 AC
09-01	James Mahoney	277/668	147.83 AC
09-16	Phillip Ayers	280/1077	13.52 AC
09-17	Rossiter Holmes	295/451	27.43 AC
09-19	Roger Scott	280/625	66 AC
09-20	Walter Smertycha	317/89	70.5 AC

Royalty Owner	
A	Norman D. Fleming Et Ux
B	David L. Weekley Revocable Trust
C	Tony Adrian Perkins
D	Edward T. Glissold
E	Glenn Ellis
F	Myron Perkins Et Ux
G	Helen N. McCullough
H	Donald R. Reynolds
I	Carl F. Baker Et Ux
J	Emerson McCullough Et Al
K	Beverly J. Wright
L	Gary R. Davis Et Ux
M	Robert McCullough Et Ux
N	Gene P. Bond



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.

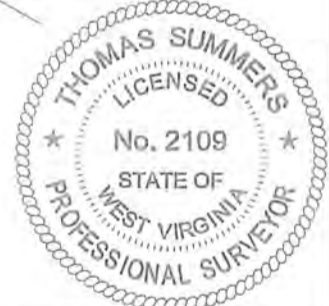


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

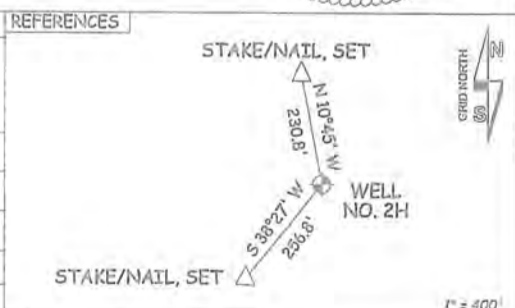
(NAD) 27 (UTM) ZONE 17 COORDS:  
WELL 2H TOP HOLE INFORMATION:  
N: 14,297,245ft E: 1,661,965ft  
POINT OF ENTRY INFORMATION:  
N: 14,297,539ft E: 1,662,979ft  
BOTTOM HOLE INFORMATION:  
N: 14,289,388ft E: 1,666,265ft

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 # 16-051WA  
DRAWING # GOLIAD 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 +/-  
Existing Fence  
Found monument as noted  
THOMAS SUMMERS P.S. 2109  
DATE 07/30/18  
OPERATOR'S WELL # GOLIAD UNIT #2H



WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ 47 \_\_\_ 085 \_\_\_ 10345  
(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; GLENN ELLIS; HELEN N. McCULLOUGH; DONALD R. REYNOLDS; CARL F. BAKER ET UX; BEVERLY J. WRIGHT; EMERSON McCULLOUGH ET AL; ROBERT McCULLOUGH ET UX LEASE ACREAGE 229 AC±; 32 AC±; 103 AC±; 0.75 AC±; 4.36 AC±; 1.25 AC±; 154 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 PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 18,400' 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