

LATITUDE 39°22'30"

2,003'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

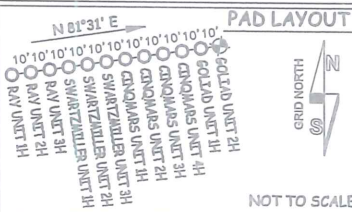
LONGITUDE 80°55'00"

10,076' TO BOTTOM HOLE

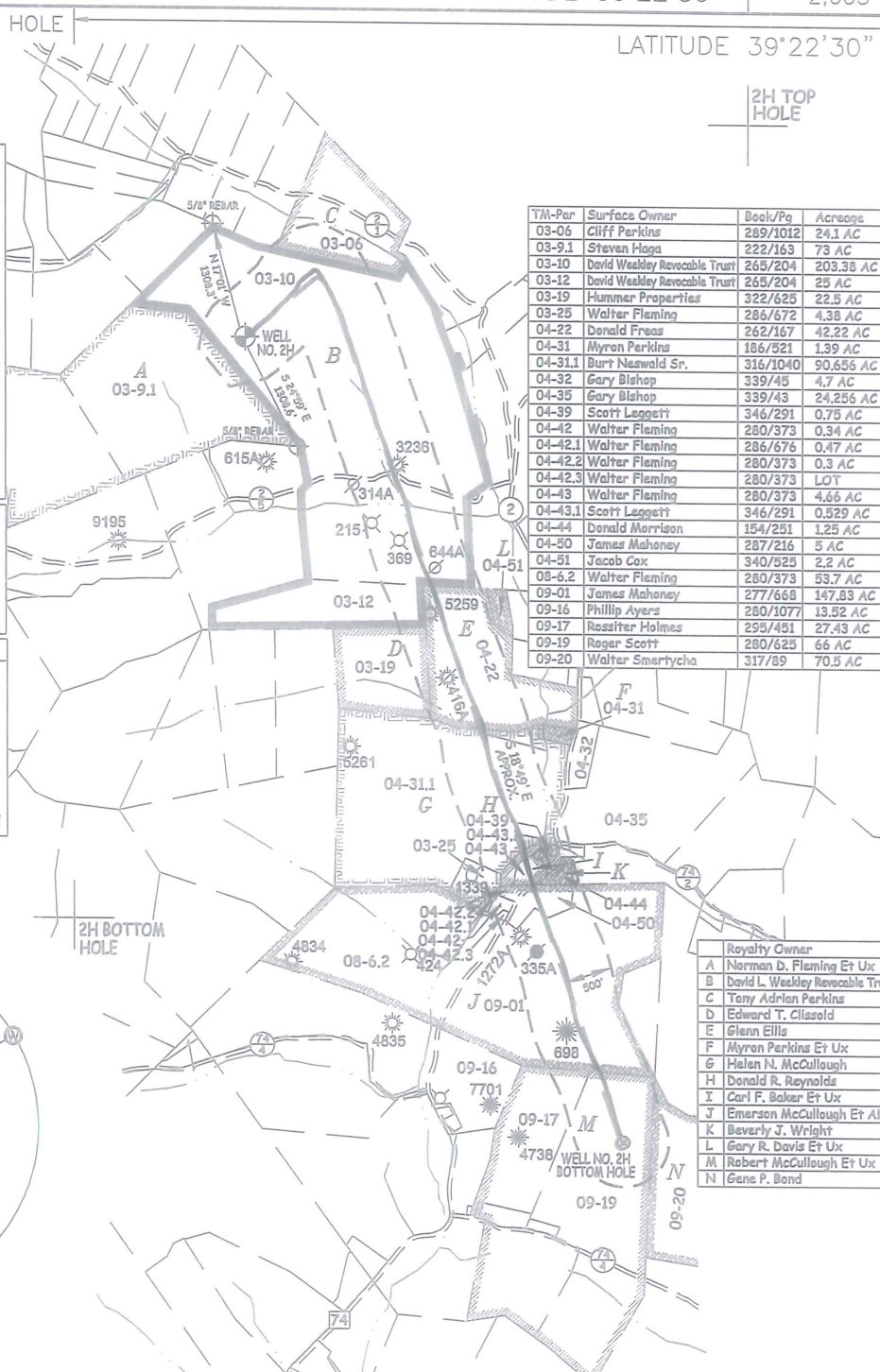
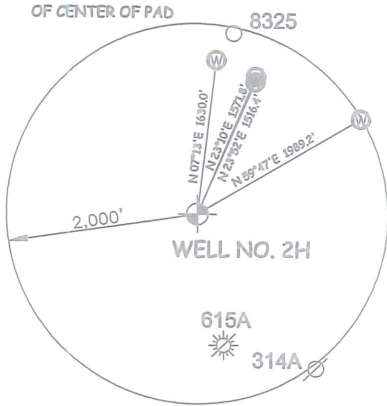
Antero Resources Corporation
Well No. Goliad Unit 2H
47-085-10345

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: 311,739ft E: 1,601,685ft
LAT: 39°20'50.41" LON: 80°54'30.60"
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: 4,355,335m E: 507,899m



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



TN-Par	Surface Owner	Book/Pg	Acres
03-06	Cliff Perkins	289/1012	24.1 AC
03-9.1	Steven Haga	222/163	73 AC
03-10	David Weekley Revocable Trust	265/204	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	4.38 AC
04-22	Donald Freas	262/167	42.22 AC
04-31	Myron Perkins	186/821	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	0.34 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	287/216	5 AC
04-51	Jacob Cox	340/825	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. Clissold
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

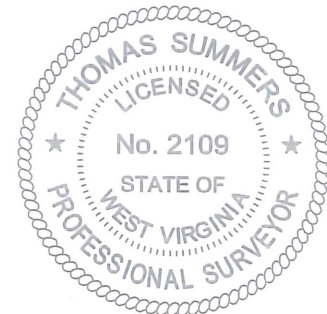
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



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

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

- NOTE
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 # 16-051WA	LEGEND
DRAWING # GOLIAD 2HAD	--- Surface Owner Boundary Lines +/-
SCALE 1" = 2000'	--- Interior Surface Tracts +/-
MINIMUM DEGREE OF ACCURACY SUBMETER	○ Proposed Well Path
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	○ As Drilled Well Path
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	THOMAS SUMMERS P.S. 2109
	DATE 02/10/20
	OPERATOR'S WELL# GOLIAD UNIT #2H

WELL TYPE: OIL ___ GAS <u>X</u> LIQUID INJECTION ___ WASTE DISPOSAL ___	47 - 085 - 10345	COUNTY NAME
(IF "GAS") PRODUCTION <u>X</u> STORAGE ___ DEEP ___ SHALLOW <u>X</u>	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;	LEASE ACREAGE 229 AC±; 32 AC±;	
HELEN N. McCULLOUGH; DONALD R. REYNOLDS; CARL F. BAKER ET UX;	103 AC±; 0.75 AC±; 4.36 AC±;	
BEVERLY J. WRIGHT; EMERSON McCULLOUGH ET AL; ROBERT McCULLOUGH ET UX	1.25 AC±; 154 AC±; 148.5 AC±;	
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___		PERMIT
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 6,613' TVD 16,650' MD	
WELL OPERATOR ANTERO RESOURCES CORP.	DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM	
ADDRESS 1615 WYNKOOP ST. DENVER, CO 80202	ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	