10,065' TO TOP HOLE

LATITUDE 39°22'30"

7,392'

LATITUDE 39°22'30"

LONGITUDE 80°52'30"

3,698'

LONGITUDE 80°52'30"

WV NORTH ZONE
GRID NORTH

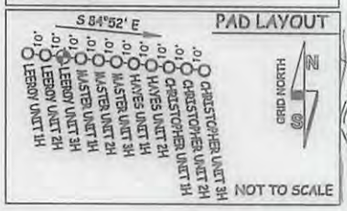
11,045' TO BOTTOM HOLE

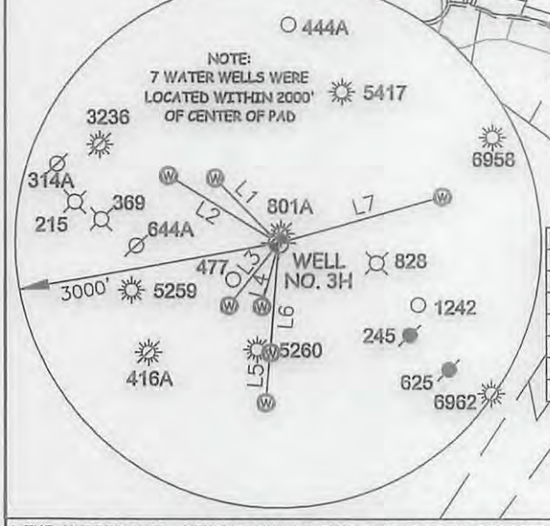
Antero Resources Corporation
Well No. Leeroy Unit 3H

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 318,127ft E: 1,601,191ft
LAT: 39°21'53.46" LON: 80°54'38.16"
BOTTOM HOLE INFORMATION:
N: 310,739ft E: 1,603,751ft
LAT: 39°20'40.84" LON: 80°54'04.10"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER 3H TOP HOLE MAPPING GRADE GPS UNIT.
PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
N: 4,357,278m E: 507,716m
BOTTOM HOLE INFORMATION:
N: 4,355,041m E: 508,534m

PAD LAYOUT





LINE	BEARING	DIST.
L1	N 44°29' W	1030.7'
L2	N 58°42' W	1467.2'
L3	S 38°14' W	908.2'
L4	S 14°39' W	747.3'
L5	S 04°35' W	1820.0'
L6	S 04°09' W	1253.8'
L7	N 74°14' E	1942.9'

TM-Par	Surface Owner	Book/Pg	Acreage
04-09	Christin Haymond	346/484	111.48 AC
04-10	Perkins Oil & Gas Inc.	318/663	73.168 AC
04-10.2	Perkins Oil & Gas Inc.	316/760	19.772 AC
04-13	Antero Resources Corp.	341/928	1.25 AC
04-13.1	Trustees Mountain Comm. Bldg.	124/569	1 AC
04-14	Jacob Cox	340/525	5.747 AC
04-14.3	Rocky McClain	286/361	1 AC
04-15	Christopher Haymond	214/99	1.33 AC
04-16	Charles Stull	193/778	1 AC
04-22	Donald Freas	262/167	42.22 AC
04-22.1	Jacob Cox	340/525	5.91 AC
04-23	Mary Lou Dawson	283/263	0.781 AC
04-25	Dina Noland	297/27	1.12 AC
04-26	Gregory Orr	302/532	0.709 AC
04-27	Perkins Oil & Gas Inc.	308/653	29.589 AC
04-27.1	Perkins Oil & Gas Inc.	308/653	0.79 AC
04-31	Myron Perkins	186/521	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
04-35.1	Lewis Jones	309/603	23.424 AC
04-36	William Shriver	185/415	21.4 AC
04-47	Sheila Taylor	316/853	6.07 AC
04-47.1	William Shriver	185/415	8.5 AC
09-01	James Mahoney	277/668	147.83 AC
09-03	Matthew Washington	306/138	39.66 AC
09-04	Zacharia Kelley	312/915	33.50 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
09-21	Roy Robinson	175/817	36 AC
09-24	Roy Robinson Jr.	227/662	67.25 AC
09-27	Jeremy Lamp	295/929	0.789 AC

	Royalty Owner
A	The Irene Nutter Haymond Trust
B	Gary R. Davis Et Ux
C	Candice Winzeler Nigolian
D	Charles E. Stull Et Ux
E	Kyser Haymond Jr. Et Al
F	Mary Lou Dawson
G	Candice Winzeler Nigolian
H	Myron Perkins Et Ux
I	Norman Fleming
J	Ricky McCullough
K	Emerson McCullough Et Al
L	L. S. Taggart Et Al
M	Carl W. Ridgway Et Ux
N	Michael A. Toothman Et Ux
O	Gene P. Bond
P	Frederick Hardesty
Q	Perkins Oil & Gas

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 DEPTARTMENT 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 3H TOP HOLE INFORMATION:
N: 14,294,790ft E: 1,665,684ft
POINT OF ENTRY INFORMATION:
N: 14,294,748ft E: 1,665,747ft
BOTTOM HOLE INFORMATION:
N: 14,287,448ft E: 1,668,366ft

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.

THOMAS SUMMERS LICENSED No. 2109 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

JOB # 17-014WA
DRAWING # LEEROY3H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

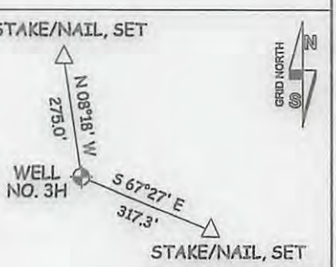
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY
DIVISION OF OIL AND GAS

LEGEND
Surface Owner Boundary Lines +/-
Interior Surface Tracts +/-
Existing Fence
Found monument, as noted

THOMAS SUMMERS P.S. 2109

DATE 07/18/18
OPERATOR'S WELL# LEEROY UNIT #3H

REFERENCES



H6A

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
47 – 085 – 10364
STATE COUNTY PERMIT
LOCATION: ELEVATION 970' - AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER DANIEL M. HAYMOND IV ET AL ACREAGE 111.48 ACRES +/-
OIL & GAS ROYALTY OWNER THE IRENE NUTTER HAYMOND TRUST; LEASE ACREAGE 375 AC±;
CANDICE WINZELER NIGOLIAN; NORMAN FLEMING; 35.89 AC±; 49.5 AC±
L. S. TAGGART ET AL; CARL W. RIDGWAY ET UX; GENE P. BOND 151 AC±; 40 AC±; 70.5 AC±
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER X REDRILL ___ FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,800' TVD 16,000' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

COUNTY NAME PERMIT

FORM WW-6