

LATITUDE 39°32'30"

10,717'

LATITUDE 39°35'00"

477' TO BOTTOM HOLE

Antero Resources Corporation Well No. Lemon Unit 1H

LINE	BEARING	DISTANCE
L1	N 72°40' W	1638.0'
L2	N 64°54' W	1582.1'
L3	N 61°22' W	1537.8'
L4	N 34°54' W	1512.5'
L5	N 27°19' W	1636.7'
L6	N 21°11' W	1650.6'
L7	N 06°24' W	1392.9'
L8	N 05°00' W	1521.3'
L9	N 00°15' W	1911.8'
L10	N 03°26' E	1913.5'
L11	N 25°08' E	1338.5'
L12	N 49°41' E	1592.6'

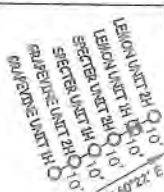
NOTES:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 373,277ft E: 1,324,896ft  
 LAT: 39°31'02.07" LON: 80°49'46.76"  
 BOTTOM HOLE INFORMATION:  
 N: 385,147ft E: 1,323,556ft  
 LAT: 39°32'59.19" LON: 80°50'06.09"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN 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: 4,374,201m E: 514,657m  
 BOTTOM HOLE INFORMATION:  
 N: 4,377,810m E: 514,189m

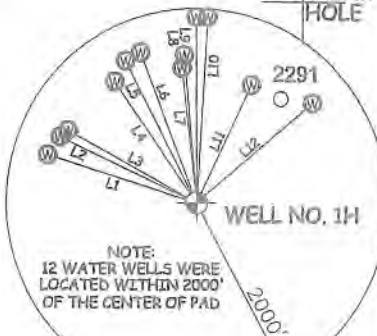
(NAD) 27 (UTM) ZONE 17 COORDS:  
 WELL 1H TOP HOLE INFORMATION:  
 N: 14,350,309ft E: 1,688,458ft  
 POINT OF ENTRY INFORMATION:  
 N: 14,351,081ft E: 1,690,702ft  
 BOTTOM HOLE INFORMATION:  
 N: 14,362,151ft E: 1,686,921ft

WV NORTH ZONE GRID NORTH

PAD LAYOUT



1H TOP HOLE



B	REOP, LLC	17 ACRES±
C	LINDA K. LOEHR	82 ACRES±
D	RYAN GREENLEE ET UX	15 ACRES±
E	RYAN GREENLEE ET UX	27.49 ACRES±
F	FISHER OIL COMPANY	45.67 ACRES±
G	BOUNTY MINERALS, LLC	23.47 ACRES±
H	RICHARD MOORE	111.52 ACRES±
I	BOUNTY MINERALS, LLC	38.5 ACRES±
J	CHARLES RAY JOBE	40.74 ACRES±
K	BRC APPALACHIAN MINERALS I LLC	39.29 ACRES±
L	RALPH D. THACKER	25 ACRES±
M	GARY A. SOLE	92.5 ACRES±
N	JUDITH A. ASH	59.69 ACRES±
O	J. MAURICE CARLISLE JR.	19 ACRES±
P	GARY A. SOLE	60 ACRES±
Q	MICHAEL W. EDDY	33.74 ACRES±
R	GARY A. SOLE	45.34 ACRES±
S	RIDGETOP CAPITAL IV, LP	43.5 ACRES±
T	NILE DEAN HARRIS	53.75 ACRES±
U	RIDGETOP CAPITAL LP	69.06 ACRES±
V	BRC APPALACHIAN MINERALS I LLC	50.69 ACRES±
W	RIDGETOP CAPITAL IV, LP	16.5 ACRES±
X	DOUGLAS SCOTT FUNK SR.	11.5 ACRES±
Y	ANTERO RESOURCES CORP.	40 ACRES±
Z	DRC APPALACHIAN MINERALS I LLC	81.73 ACRES±

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.



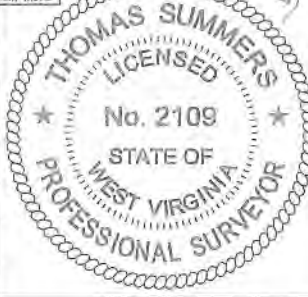
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

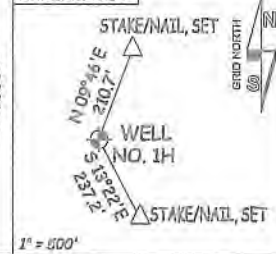
A - LES ROY NOVWELL D.S. 27988 TH 11-41 1.07 AC  
 B - ROBERT D. GILLER D.S. 28000 TH 11-42 2.97 AC  
 C - LES ROY NOVWELL D.S. 28001 TH 11-41 0.32 AC  
 D - ROBERT D. GILLER D.S. 28002 TH 11-42 3.24 AC  
 E - JOHN C. CRAMER D.S. 28003 TH 11-41 1.01 AC  
 F - RONALD R. JONES D.S. 28004 TH 11-42 0.26 AC  
 G - CHARLES R. PENWELL D.S. 21085 TH 11-41 0.8 AC  
 H - RONALD R. JONES D.S. 28005 TH 11-42 10.8 AC  
 I - CHARLES J. PENWELL D.S. 21086 TH 11-42 1.02 AC  
 J - RONALD R. JONES D.S. 28006 TH 11-42 0.49 AC  
 K - SARAH K. PITTMAN D.S. 21087 TH 11-42 2.49 AC  
 L - RONALD J. PENWELL D.S. 42108 TH 11-41 1.13 AC

JOB # 20-008WA  
 DRAWING # LEMON1HR2  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY SUBMETER  
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND  
 — Surface Owner Boundary Lines +/-  
 - - - Adjoining Surface Tracts +/-  
 ⊕ Found monument, as noted  
 THOMAS SUMMERS P.S. 2109



REFERENCES



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

DATE 10/21/20  
 OPERATOR'S WELL # LEMON UNIT #1H

WELL TYPE: OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  API WELL # 47 - 095 - 02703  
 (IF "GAS") PRODUCTION  STORAGE  DEEP  SHALLOW  STATE COUNTY PERMIT  
 LOCATION: ELEVATION ORIGINAL - 1,070' PROPOSED - 1,042' WATERSHED OUTLET MIDDLE ISLAND CREEK  
 QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER  
 SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/-  
 OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL LP; BRC APPALACHIAN MINERALS I LLC LEASE ACREAGE 69.06 ACRES ±; 59.69 ACRES ±;  
 DOUGLAS SCOTT FUNK SR.; RIDGETOP CAPITAL IV LP; RIDGETOP CAPITAL IV LP; GARY A. SOLE; GARY A. SOLE; JUDITH A. ASH;  
 BRC APPALACHIAN MINERALS I LLC; BOUNTY MINERALS, LLC; BOUNTY MINERALS, LLC; RYAN GREENLEE ET UX;  
 LINDA K. LOEHR; REOP, LLC  
 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 21,900' 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

8,897'  
 12,223' TO BOTTOM HOLE  
 LONGITUDE 80°47'30"  
 LONGITUDE 80°50'00"

COUNTY NAME  
 PERMIT

LATITUDE 39°32'30"

10,717'

LATITUDE 39°35'00"

477' TO BOTTOM HOLE

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Well No. Lemon Unit 1H

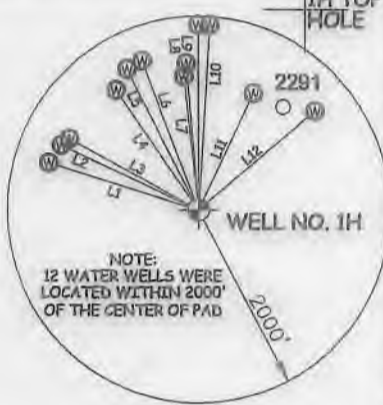
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C-LEE RYD SCHWEL D.R. 20/08/11 TH 11-42 221 AC  
D-ROBERT H. MILLER D.R. 20/08/11 TH 11-42 221 AC  
E-JOHN E. CRIBBS D.R. 20/02/11 TH 11-49 120 AC  
F-ROBERT H. MILLER D.R. 20/08/11 TH 11-42 221 AC  
G-CHARLES R. FOSSELL D.R. 21/08/03 TH 11-41 181 AC  
H-RICHARD J. FOSSELL D.R. 20/08/11 TH 11-42 221 AC  
I-CHARLES J. FOSSELL D.R. 21/08/03 TH 11-41 181 AC  
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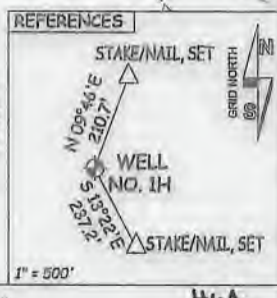
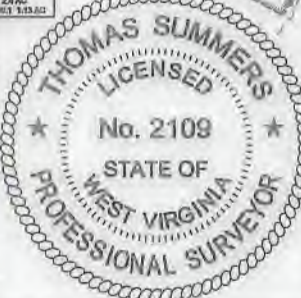
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SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/-  
OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL LP; BRC APPALACHIAN MINERALS I LLC LEASE ACREAGE 69.06 AC.; 58.56 AC.;  
DOUGLAS SCOTT FUNK SR.; RIDGETOP CAPITAL IV LP; RIDGETOP CAPITAL IV LP; GARY A. SOLE; GARY A. SOLE; JUDITH A. ASH; 11.5 AC.; 16.5 AC.; 43.5 AC.; 80 AC.; 92.5 AC.; 59.89 AC.;  
BRC APPALACHIAN MINERALS I LLC; BOUNTY MINERALS, LLC; BOUNTY MINERALS, LLC; RYAN GREENLEE ET UX; 39.23 AC.; 28.47 AC.; 38.5 AC.; 15 AC.;  
LINDA K. LOEHR; REOP, LLC 82 AC.; 17 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  
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FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



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