

LATITUDE 39°32'30"

10,730'

LATITUDE 39°35'00"

1,251' TO BOTTOM HOLE

Antero Resources Corporation Well No. Specter Unit 2H

A	CHARLES RAY JOBES	470.5 ACRES±
B	REOP, LLC	17 ACRES±
C	HERITAGE RESOURCES-MARCELLUS MINERALS, LLC	69.22 ACRES±
D	FISHER OIL COMPANY	38 ACRES±
E	LINDA K. LOEHR	82 ACRES±
F	FISHER OIL COMPANY	45.67 ACRES±
G	RYAN GREENLEE ET UX	15 ACRES±
H	FISHER OIL COMPANY	10.74 ACRES±
I1	BOUNTY MINERALS, LLC	1.09 ACRES±
I2	FISHER OIL COMPANY	0.61 ACRES±
J	BOUNTY MINERALS, LLC	28.47 ACRES±
K	MARK L. JONES	1.5 ACRES±
L	KENNETH R. MASON ET UX	3 ACRES±
M	CHARLES RAY JOBES	48.74 ACRES±
N	JOHN E. KEPLER	38 ACRES±
O	RALPH D. THACKER	25 ACRES±
P	GARY A. SOLE	92.5 ACRES±
Q	J. MAURICE CARLISLE JR.	19 ACRES±
R	MELISSA DAWN PILANT	50.05 ACRES±
R1	CHARLES M. FERRELL	51.94 ACRES±
S	MICHAEL W. EDDY	33.74 ACRES±
T	GARY A. SOLE	60 ACRES±
U	RIDGETOP CAPITAL LP	69.06 ACRES±
V	RIDGETOP CAPITAL IV, LP	43.5 ACRES±
W	BRC APPALACHIAN MINERALS I LLC	58.56 ACRES±
X	RIDGETOP CAPITAL IV, LP	16.5 ACRES±
Y	DOUGLAS SCOTT FUNK SR.	11.5 ACRES±
Z	JUSTUS A. EAKIN	12 ACRES±

NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 373,269ft E: 1,624,882ft
 LAT: 39°31'01.99" LON: 80°49'46.93"
BOTTOM HOLE INFORMATION:
 N: 384,911ft E: 1,622,780ft
 LAT: 39°32'56.74" LON: 80°50'15.96"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
 ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT TAPMETER 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: 4,374,198m E: 514,653m
BOTTOM HOLE INFORMATION:
 N: 4,377,734m E: 513,954m

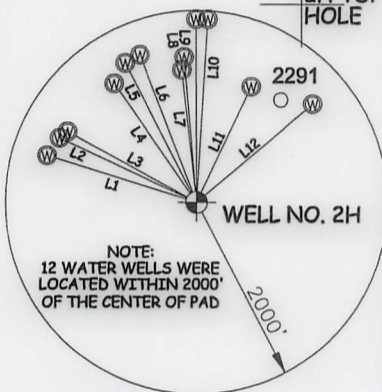
WV NORTH ZONE
GRID NORTH

8,904'

12,471' TO BOTTOM HOLE

LONGITUDE 80°47'30"

LONGITUDE 80°50'00"



PAD LAYOUT
NOT TO SCALE

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'

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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

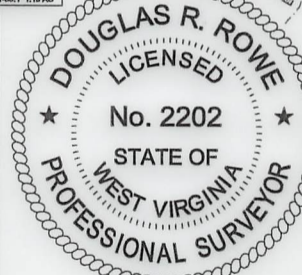
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

A-LEE ROY HOWELL D.B. 170408 TM 11-41 1.87 AC
 B-ROBERT O. MILLER D.B. 300401 TM 11-42 2.707 AC
 C-LEE ROY HOWELL D.B. 234007 TM 11-42 1.819 AC
 D-ROBERT O. MILLER D.B. 870852 TM 11-40 3.544 AC
 E-JOHN E. GRUBBS D.B. 330412 TM 11-40 1.08 AC
 F-RONALD R. JONES D.B. 402804 TM 11-44 4.20 AC
 G-CHARLES R. FERRELL D.B. 218028 TM 11-44 1.02 AC
 H-ROBERT O. MILLER D.B. 340008 TM 11-42 18.09 AC
 I-CHARLES J. FERRELL D.B. 341028 TM 11-44 3.1585 AC
 J-ROBERT O. MILLER D.B. 402804 TM 11-40 0.88 AC
 K-BARBARA E. PITTMAN D.B. 214009 TM 11-43 2.4 AC
 L-RICHARD J. FERRELL D.B. 421078 TM 11-40 1.13 AC

JOB # 20-007WA
 DRAWING # SPECTER2HAD
 SCALE 1" = 2000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

LEGEND
 - - - Surface Owner Boundary Lines +/-
 - - - Interior Surface Tracts +/-
 O Proposed Well Path
 O As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202



NOTES
 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 ANTERO RESOURCES CORPORATION.
 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.

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

DATE 06/09/21
 OPERATOR'S WELL# SPECTER UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02706
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,042' AS BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK

QUADRANGLE PORTER FALLS 7.5' DISTRICT ELLSWORTH COUNTY TYLER
 SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/- LEASE ACREAGE 69.06 ACRES±; 58.56 AC±; 43.5 AC±; 33.74 AC±; 50.05 AC±; 92.5 AC±; 19 AC±;
 OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL LP; BRC APPALACHIAN MINERALS I LLC
 RIDGETOP CAPITAL IV LP; MICHAEL W. EDDY; MELISSA DAWN PILANT; GARY A. SOLE; J. MAURICE CARLISLE JR.;
 RALPH D. THACKER; CHARLES RAY JOBES; BOUNTY MINERALS, LLC; FISHER OIL COMPANY;
 RYAN GREENLEE ET UX; JUSTUS A. EAKIN; FISHER OIL COMPANY; REOP, LLC
 25 AC±; 48.74 AC±; 1.09 AC±; 45.67 AC±;
 15 AC±; 12 AC±; 38 AC±; 17 AC±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 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 6,560' TVD 18,848' 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

COUNTY NAME PERMIT