

LATITUDE 39°32'30"

10,730'

LATITUDE 39°32'30"

10,145' TO BOTTOM HOLE

Antero Resources Corporation Well No. Specter Unit 2H

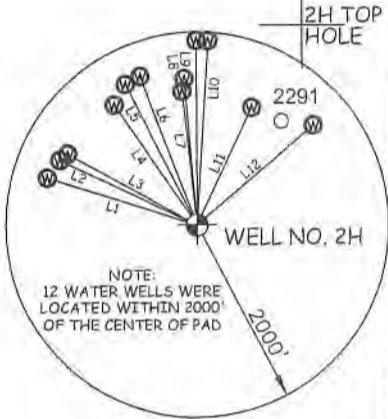
NOTE NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

NOTES: WELL 2H TOP HOLE INFORMATION: N: 373,269ft E: 1,624,882ft LAT: 39°31'01.99" LON: 80°49'46.92" BOTTOM HOLE INFORMATION: N: 376,351ft E: 1,625,512ft LAT: 39°31'32.54" LON: 80°49'39.47" 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: 4,374,198m E: 514,653m BOTTOM HOLE INFORMATION: N: 4,374,922m E: 514,815m

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 2H TOP HOLE INFORMATION: N: 14,350,301ft E: 1,688,445ft BOTTOM HOLE INFORMATION: N: 14,353,391ft E: 1,689,022ft

Table with 2 columns: Owner Name and Acres. Owners include Ronald R. Jones, BRC Appalachian Minerals, Melissa Dawn Pilant, Michael W. Eddy, Ridgetop Capital LP, and Douglas Scott Funk, Sr.



PAD LAYOUT NOT TO SCALE. Table with 3 columns: LINE, BEARING, DISTANCE. Lists lines L1 through L12 with their respective bearings and distances.

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.



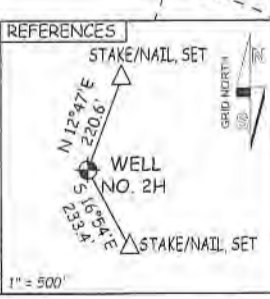
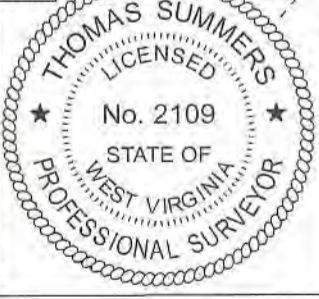
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

- List of references to other survey plat numbers and dates, including references to Lee Roy Howell, John D. Miller, and Charles R. Jones.

JOB # 20-007WA DRAWING # SPECTER2HR1shortly 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. Signature of Thomas Summers, P.S. 2109.



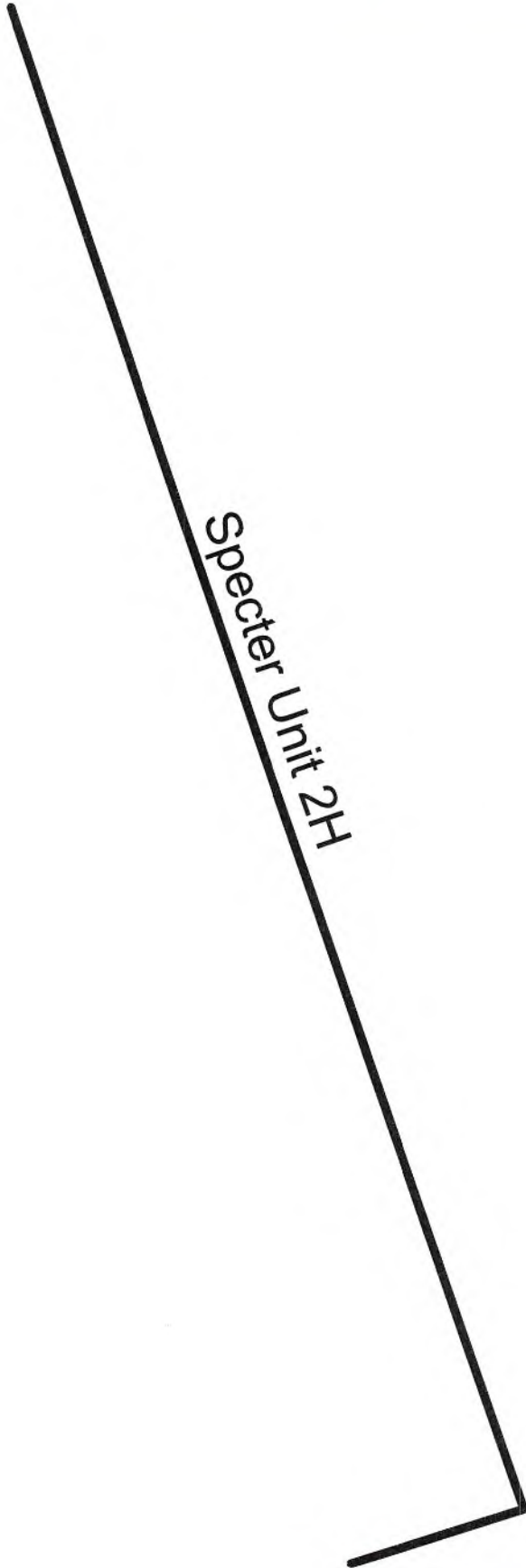
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 08/13/20 OPERATOR'S WELL# SPECTER UNIT #2H

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 095 - 02704 API WELL # H64 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X 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 AC +/- 58.56 AC +/- RIDGETOP CAPITAL IV LP; MICHAEL W. EDDY; MELISSA DAWN PILANT, ET VIR 43.5 AC +/- 33.74 AC +/- 51.49 AC +/-

PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 12,400' 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

5,814' TO BOTTOM HOLE 8,904' LONGITUDE 80°47'30" LONGITUDE 80°47'30"



Specter Unit 2H

RECEIVED
Office of Oil and Gas

AUG 20 2020

WV Department of
Environmental Protection



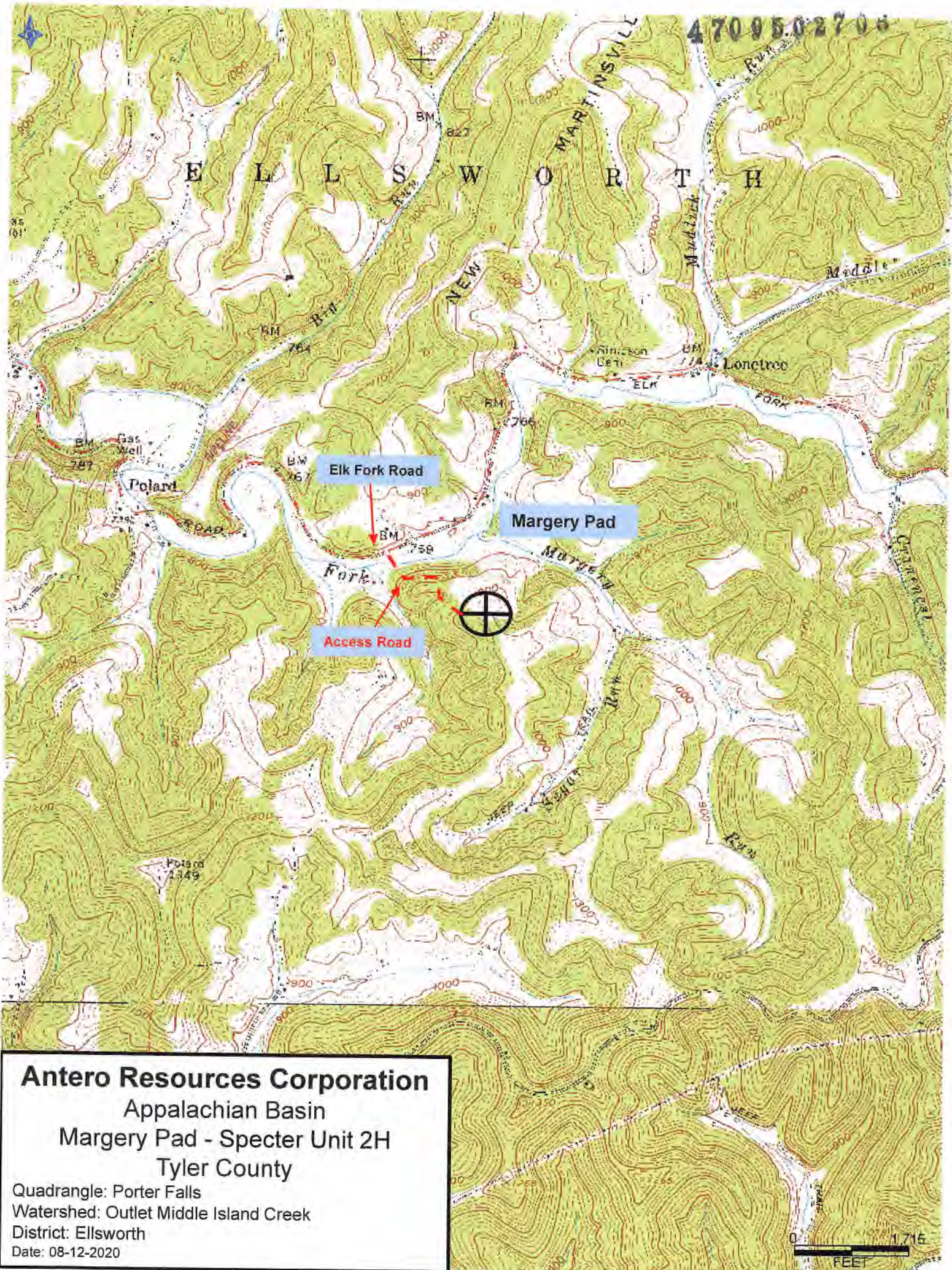
Antero Resources Corporation

Specter Unit 2H - AOR



REMARKS
No Wells of Interest

August 13, 2020



4709502708

ELLSWORTH

MARTINSVILLE

NEW

Middle

Lonetree

Polard

Elk Fork Road

Margery Pad

Fork

Margery

Access Road



Polard 2349

Antero Resources Corporation
Appalachian Basin
Margery Pad - Specter Unit 2H
Tyler County

Quadrangle: Porter Falls
Watershed: Outlet Middle Island Creek
District: Ellsworth
Date: 08-12-2020

0 1,715
FEET

LATITUDE 39°32'30"

10,730'

LATITUDE 39°32'30"

10,145' TO BOTTOM HOLE

Antero Resources Corporation Well No. Specter Unit 2H

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.

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 373,269ft E: 1,624,882ft
LAT: 39°31'01.99" LON: 80°49'46.92"
BOTTOM HOLE INFORMATION:
N: 376,351ft E: 1,625,512ft
LAT: 39°31'32.54" LON: 80°49'39.47"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 660XT 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: 4,374,198m E: 514,653m
BOTTOM HOLE INFORMATION:
N: 4,374,922m E: 514,815m

(NAD 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,350,301ft E: 1,688,445ft
BOTTOM HOLE INFORMATION:
N: 14,353,391ft E: 1,689,022ft

WV NORTH ZONE
GRID NORTH

5,814' TO BOTTOM HOLE

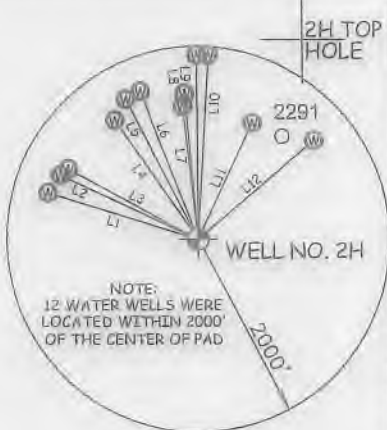
8,904'

LONGITUDE 80°47'30"

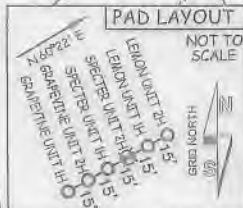
LONGITUDE 80°47'30"

F	RONALD R. JONES, ET UX	4.38 ACRES±
G	BRC APPALACHIAN MINERALS I LLC.	61.73 ACRES±
R	MELISSA DAWN PILANT, ET VIR	51.49 ACRES±
S	MICHAEL W. EDDY	33.74 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.	10 ACRES±

2H BOTTOM HOLE



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



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 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

- 1- LEE ROY POWELL D.B. 170483 T.M. 1141 167 AC.
- 2- ROBERT D. MILLER D.B. 200001 T.M. 1147 230 AC.
- 3- DESSROY MARVELL D.B. 200001 T.M. 1148 113 AC.
- 4- ROBERT D. MILLER D.B. 200001 T.M. 1149 234 AC.
- 5- JOHN E. BRADY D.B. 200001 T.M. 1148 108 AC.
- 6- THOMAS H. JAMES D.B. 200001 T.M. 1148 108 AC.
- 7- CHARLES H. FERRELL D.B. 200001 T.M. 1148 108 AC.
- 8- RICHARD J. FERRELL D.B. 200001 T.M. 1148 108 AC.
- 9- CHARLES H. FERRELL D.B. 200001 T.M. 1148 108 AC.
- 10- RONALD R. ARMED D.B. 200001 T.M. 1148 108 AC.
- 11- RICHARD J. FERRELL D.B. 200001 T.M. 1148 108 AC.
- 12- RICHARD J. FERRELL D.B. 200001 T.M. 1148 108 AC.

JOB # 20-007WA
DRAWING # SPECTER2HR1shorty
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

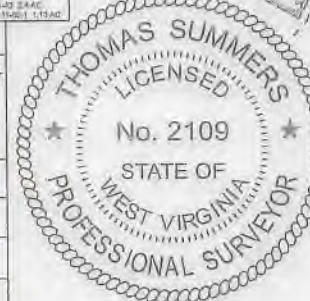
LEGEND

- Surface Owner Boundary Lines +/-
- Adjoining Surface Tracts +/-
- Found monument, as noted

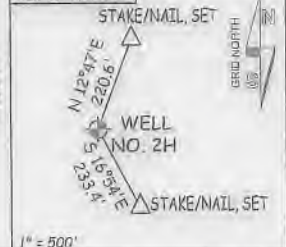
THOMAS SUMMERS P.S. 2109

DATE 08/13/20

OPERATOR'S WELL# SPECTER UNIT #2H



REFERENCES



WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ API WELL # 47 - 095 - **02706** HGA
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X 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 AC.±; 58.56 AC.±;
 RIDGETOP CAPITAL IV, LP; MICHAEL W. EDDY; MELISSA DAWN PILANT, ET VIR 43.5 AC.±; 33.74 AC.±; 51.49 AC.±

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 12,400' 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

COUNTY NAME PERMIT