

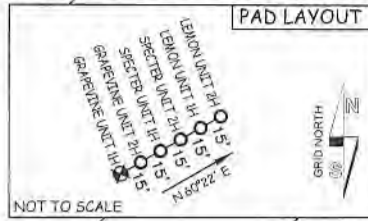
LATITUDE 39°32'30"

10,769'

LATITUDE 39°32'30"

927' TO BOTTOM HOLE

Antero Resources Corporation Well No. Grapevine 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'
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NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 373,247ft E: 1,624,843ft
LAT: 39°31'01.77" LON: 80°49'47.42"
BOTTOM HOLE INFORMATION:
N: 376,121ft E: 1,622,973ft
LAT: 39°31'29.90" LON: 80°50'11.82"
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: 4,374,191m E: 514,642m
BOTTOM HOLE INFORMATION:
N: 4,375,057m E: 514,057m

M	DAVID LEEK	2.25 ACRES±
N	JERRY BRIGHTWELL & GWENDOLYN C. DAVIES	32 ACRES±
O	RICHARD J. FERRELL	1.69 ACRES±
P	ANTERO RESOURCES CORPORATION	12.3 ACRES±
Q	REITA JANE HALL	21.38 ACRES±
R	MELISSA DAWN PILANT	51.49 ACRES±
S	RICHARD J. FERRELL ET UX	15.08 ACRES±
T	DAVID LEEK	34.38 ACRES±
U	RIDGETOP CAPITAL LP	69.06 ACRES±
V	BRC APPALACHIAN MINERALS I LLC	61.73 ACRES±
W	BRC APPALACHIAN MINERALS I LLC	58.56 ACRES±
X	ROBERT PITTMAN ET UX	2.4 ACRES±

(NAD) 27 (UTM) ZONE 17 COORDS:
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POINT OF ENTRY INFORMATION:
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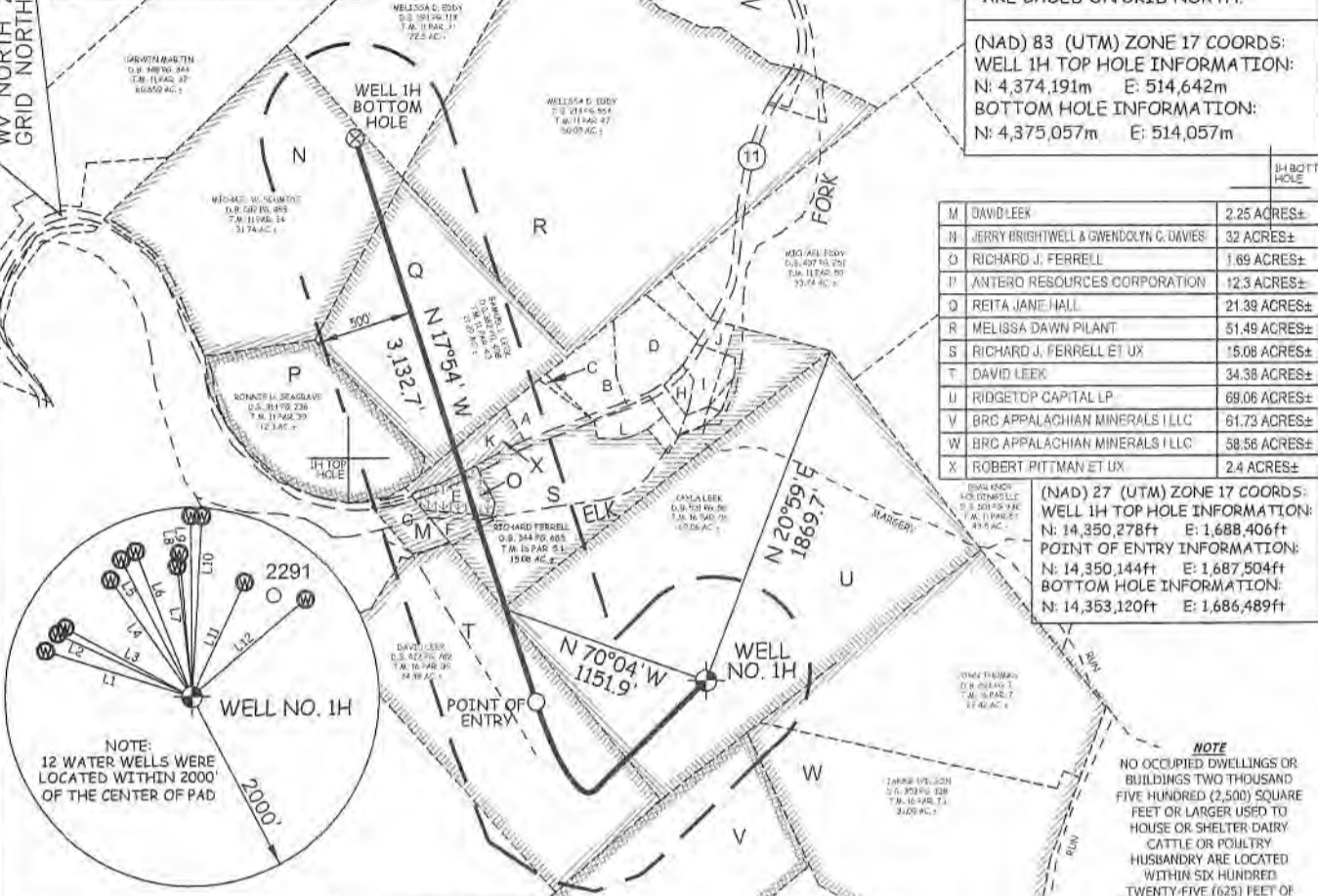
WV NORTH ZONE
GRID NORTH

6,081' TO BOTTOM HOLE

8,927'

LONGITUDE 80°50'00"

LONGITUDE 80°47'30"



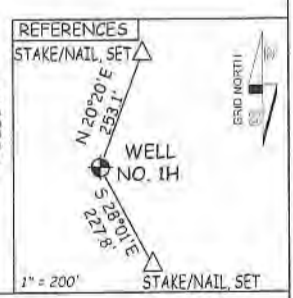
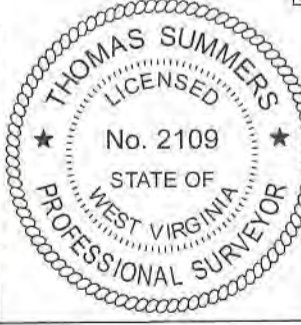
I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

JOB # 20-006WA
DRAWING # GRAPEVINE1HSHORT
SCALE 1" = 1000'
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 +/-
- - - Adjoining Surface Tracts +/-
⊕ Found monument, as noted
THOMAS SUMMERS P.S. 2109
DATE 08/13/20
OPERATOR'S WELL# GRAPEVINE UNIT #1H

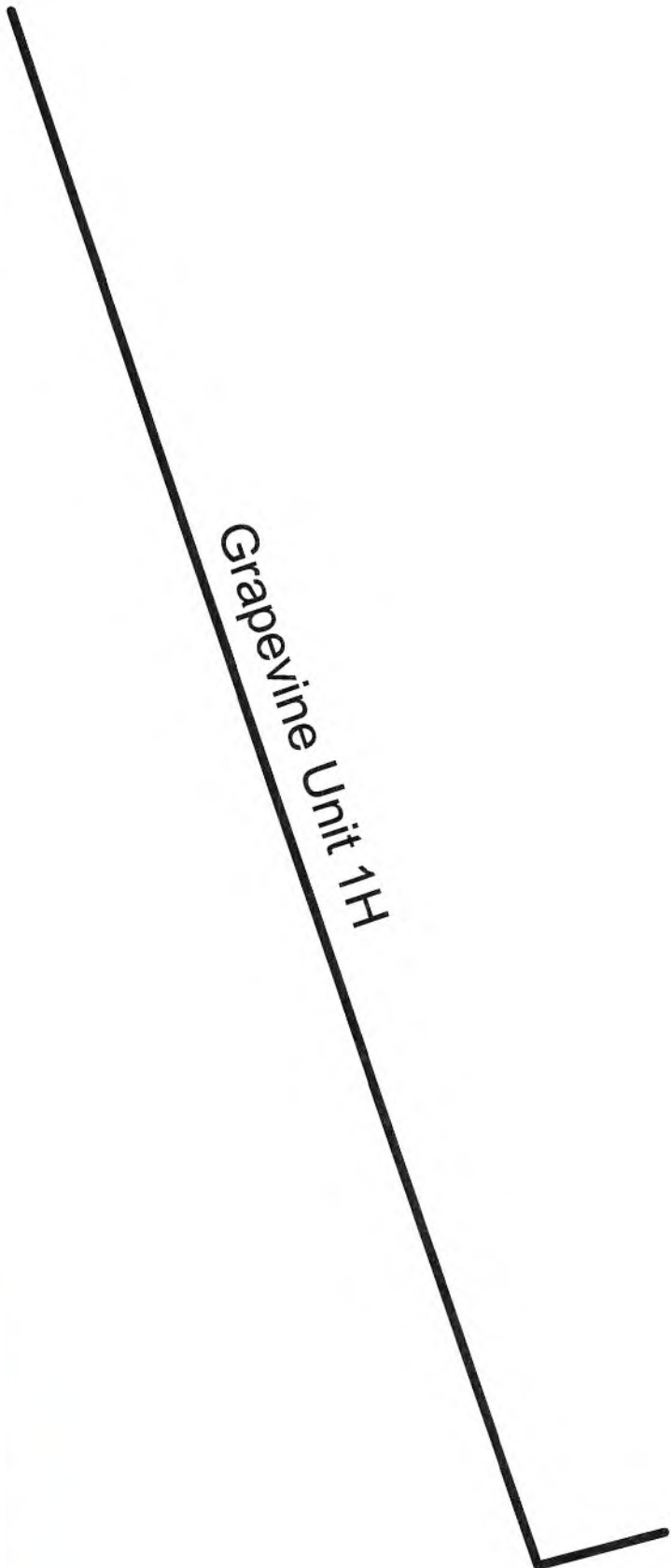


WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___ 47 - 095 - 02707
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X STATE COUNTY PERMIT
LOCATION: ELEVATION ORIGINAL - 1,070' PROPOSED - 1,042' WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE PORTER FALLS 7.5 DISTRICT ELLSWORTH COUNTY TYLER
SURFACE OWNER KAYLA LEEK ACREAGE 69.06 ACRES +/-
OIL & GAS ROYALTY OWNER RIDGETOP CAPITAL LP; DAVID LEEK; LEASE ACREAGE 69.06 AC±; 34.38 AC±;
RICHARD J. FERRELL ET UX; DAVID LEEK; RICHARD J. FERRELL ET UX; ROBERT PITTMAN ET UX; 15.08 AC±; 2.25 AC±; 1.69 AC±; 2.4 AC±;
REITA JANE HALL; JERRY BRIGHTWELL & GWENDOLYN C. DAVIES 21.39 AC±; 32 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 11,700' 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



Grapevine Unit 1H



Antero Resources Corporation

Grapevine Unit 1H - AOR



WELL SYMBOLS
 Location Only

REMARKS
No Wells of Interest

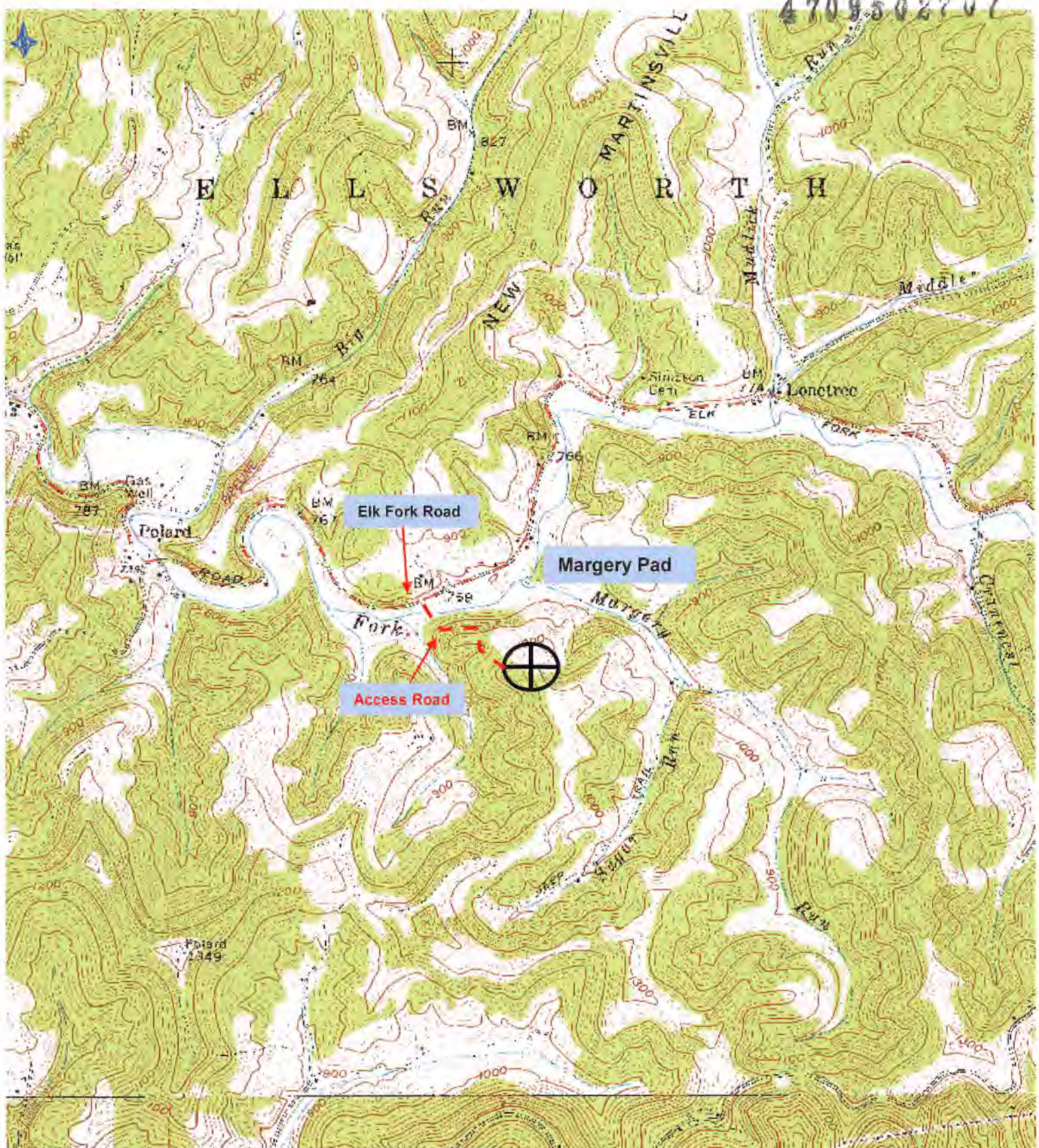
August 13, 2020

RECEIVED
Office of Oil and Gas

AUG 20 2020

WV Department of
Environmental Protection

4708502707



Antero Resources Corporation
 Appalachian Basin
 Margery Pad - Grapevine Unit 1H
 Tyler County

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

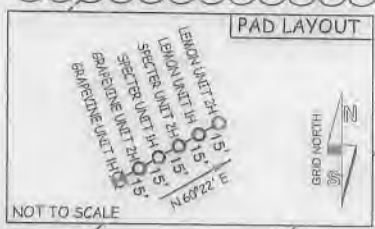
0 1,715
 FEET

LATITUDE 39°32'30"

10,769'

LATITUDE 39°32'30" 927' TO BOTTOM HOLE

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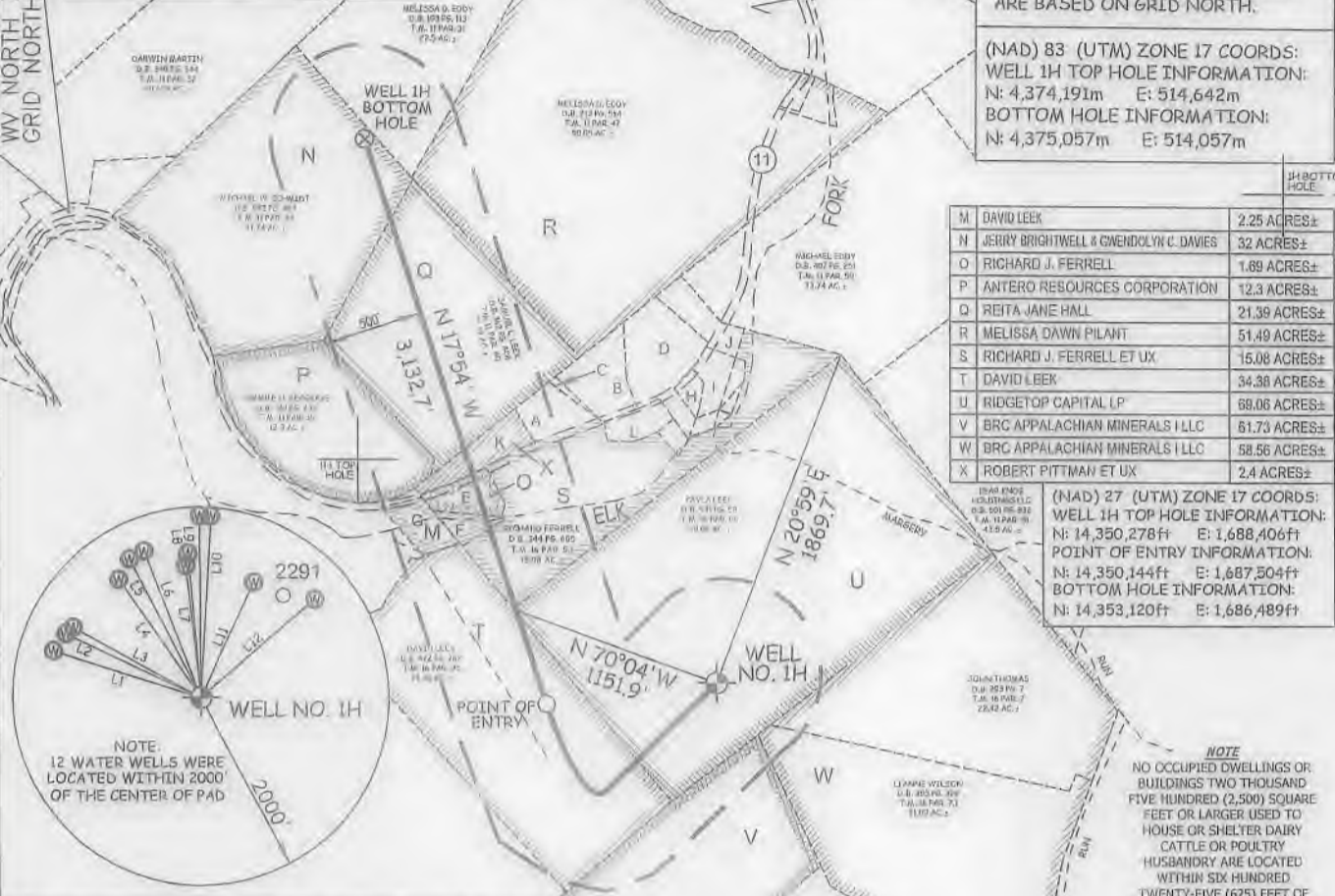
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NOTE
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

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.

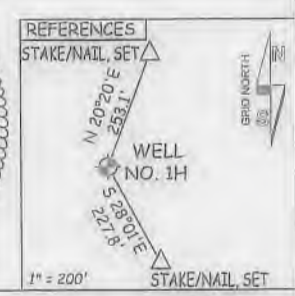
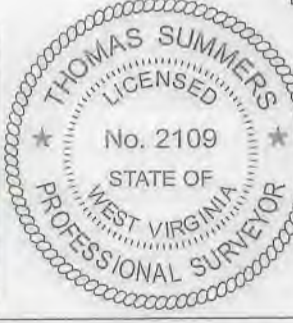


STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

A	LEE ROY HOWELL	D.B. 170488	TM 11-41	1.67 AC
B	ROBERT D. MILLER	D.B. 308469	TM 11-42	2.70 AC
C	LEE ROY HOWELL	D.B. 254557	TM 11-42	0.70 AC
D	ROBERT D. MILLER	D.B. 570932	TM 11-42	3.94 AC
E	RICHARD J. FERRELL	D.B. 263147	TM 10-66	1.03 AC
F	DAVID LEEK	D.B. 454053	TM 10-63	0.70 AC
G	DAVID LEEK	D.B. 428455	TM 10-63	1.05 AC
H	RICHARD J. FERRELL	D.B. 240584	TM 11-42	15.08 AC
I	CHARLES J. FERRELL	D.B. 341020	TM 11-42	1.80 AC
J	RONALD R. JONES	D.B. 409209	TM 11-45	0.49 AC
K	SARAH E. PITTMAN	D.B. 218020	TM 11-45	2.4 AC
L	RICHARD J. FERRELL	D.B. 421678	TM 11-45	1.13 AC

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