

LATITUDE 39°20'00"

10,759'

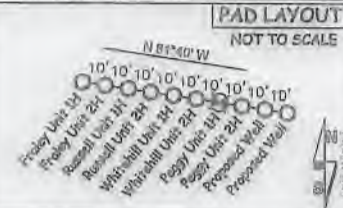
LATITUDE 39°17'30"

4,624' TO BOTTOM HOLE

Antero Resources Corporation Well No. Peggy Unit 1H

NOTES: WELL 1H TOP HOLE INFORMATION: N: 294,991ft E: 1,647,312ft LAT: 39°16'11.55" LON: 80°44'46.87" BOTTOM HOLE INFORMATION: N: 281,841ft E: 1,653,271ft LAT: 39°16'02.39" LON: 80°43'20.79" 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: 4,350,465m E: 521,885m BOTTOM HOLE INFORMATION: N: 4,346,489m E: 523,767m



NO WATER WELL WERE LOCATED WITHIN 2000' OF CENTER OF PAD

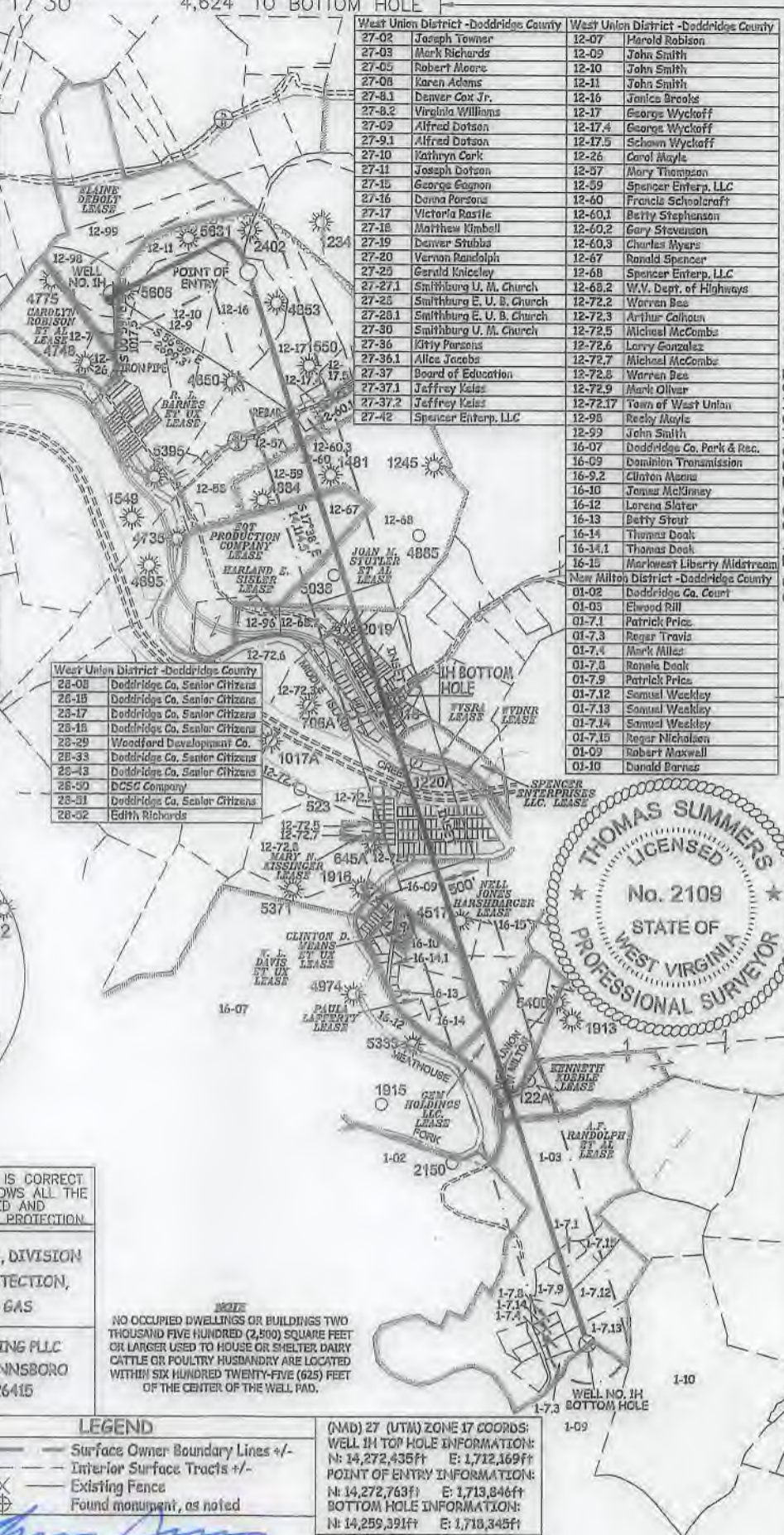
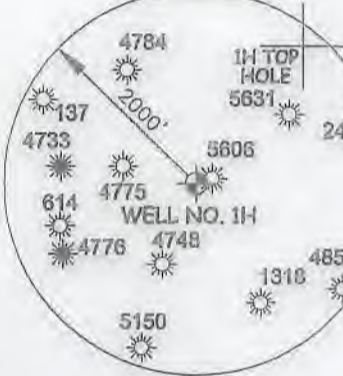
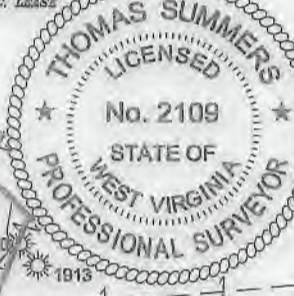


Table with 2 columns: Well ID, Owner Name. Includes entries like 28-08 Daddridge Co. Senior Citizens, 28-15 Daddridge Co. Senior Citizens, etc.

Table with 2 columns: Well ID, Owner Name. Includes entries like 27-02 Joseph Towner, 27-03 Mark Richards, 27-05 Robert Moore, etc.

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

JOB # 19-028WA DRAWING # PEGGY1HMODR 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 11/18/20 OPERATOR'S WELL# PEGGY UNIT #1H

(NAD) 27 (UTM) ZONE 17 COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,272,435ft E: 1,712,169ft POINT OF ENTRY INFORMATION: N: 14,272,763ft E: 1,713,846ft BOTTOM HOLE INFORMATION: N: 14,259,391ft E: 1,713,345ft REFERENCES: 1" = 300' STAKE/NAIL SET N 52°53' W 23.0' N 15°43' E 170.5'

WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 017 08898 M1D (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X STATE COUNTY PERMIT LOCATION: ELEVATION 1,275' AS BUILT WATERSHED HEADWATERS MIDDLE ISLAND CREEK QUADRANGLE SMITHBURG 7.5 DISTRICT WEST UNION COUNTY DODDRIDGE SURFACE OWNER SAMUEL AND PEGGY SMITH ACREAGE 28.956 ACRES +/- OIL & GAS ROYALTY OWNER ELAINE DEBOLT, R.L. BARNES ET UX; JOAN M. STUTLER ET AL; LEASE ACREAGE 84.8 AC +/-; 222 AC +/-; 100 AC +/-; EOT PRODUCTION COMPANY; E.C. JONES; WVSRA; WILLIAM VANSCOY; 75 AC +/-; 300 AC +/-; 301.19 AC +/-; 0.36 AC +/-; SMITHBURG UNITED METHODIST CHURCH; WVDNB; MBW MINERALS, LLC; JEAN M. TENNANT; 2.02 AC +/-; 54.48 AC +/-; 1 AC +/-; 0.75 AC +/-; VALERIE LOWTHER EVERS; DCSC COMPANY LLC; DODDRIDGE COUNTY SENIOR CITIZENS INC.; 1.27 AC +/-; 1.02 AC +/-; 3.55 AC +/-; EDITH ANN BIBBS RICHARDS; NEFF JONES HARSHBARGER; PAULA LAFFERTY; 0.36 AC +/-; 89 AC +/-; 44.9 AC +/-; GEM HOLDINGS LLC; KENNETH KOFBLE; A. F. RANDOLPH ET AL; 27.63 AC +/-; 27.94 AC +/-; 165 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 7,400' TVD 23,700' MD WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

8,864' TO BOTTOM HOLE LONGITUDE 80°42'30"

10,972' LONGITUDE 80°42'30"

INSET

JOHN H. STUTTER
27 12 1982

12-80.1

SHEET 27

W. C. JONES
LEASE

12-77

12-48.1

12-76

12-70

12-77.1

SPENCER
ENGINEERS
L.L.C. LEASE

24-2.1

WILLIAM
VINCEY
LEASE

SMITHSON
METHODIST
CHURCH
LEASE

MT
MINNELL, L.L.C.
LEASE

US ROUTE 50

MIDDLE ISLAND CREEK

- A = DONNA J. LOWTHER
- B = CLYDE WOLFE
- C = DODDRIDGE COUNTY
SENIOR CITIZENS INC.
- D = WOODFORD
DEVELOPMENT CO., LLC
- E = MICHAEL G. HAMMETT ET UX
- F = DECS COMPANY L.L.C.
- G = MICHAEL DRAGO
- H = DICKIE L. CHIPPS ET UX
- I = BRYAN E. HAGEDORN ET UX
- J = JOSEPH P. LOWTHER
- L = LOIS E. MURPHY
- M = WILLIAM B. EWING ET UX
- N = EDITH ANN BIBBS RICHARDS
- O = CASSANDRA DAWN EWING
- P = LINDA SUE MURPHY
- Q = JEAN M. TENNANT
- R = GARY GENE RUPERT
- S = VALERIE LOWTHER EVERS
- T = ELIZABETH C. MAITLAND

SCALE 1-INCH = 300-FEET

0' 300' 600' 900'



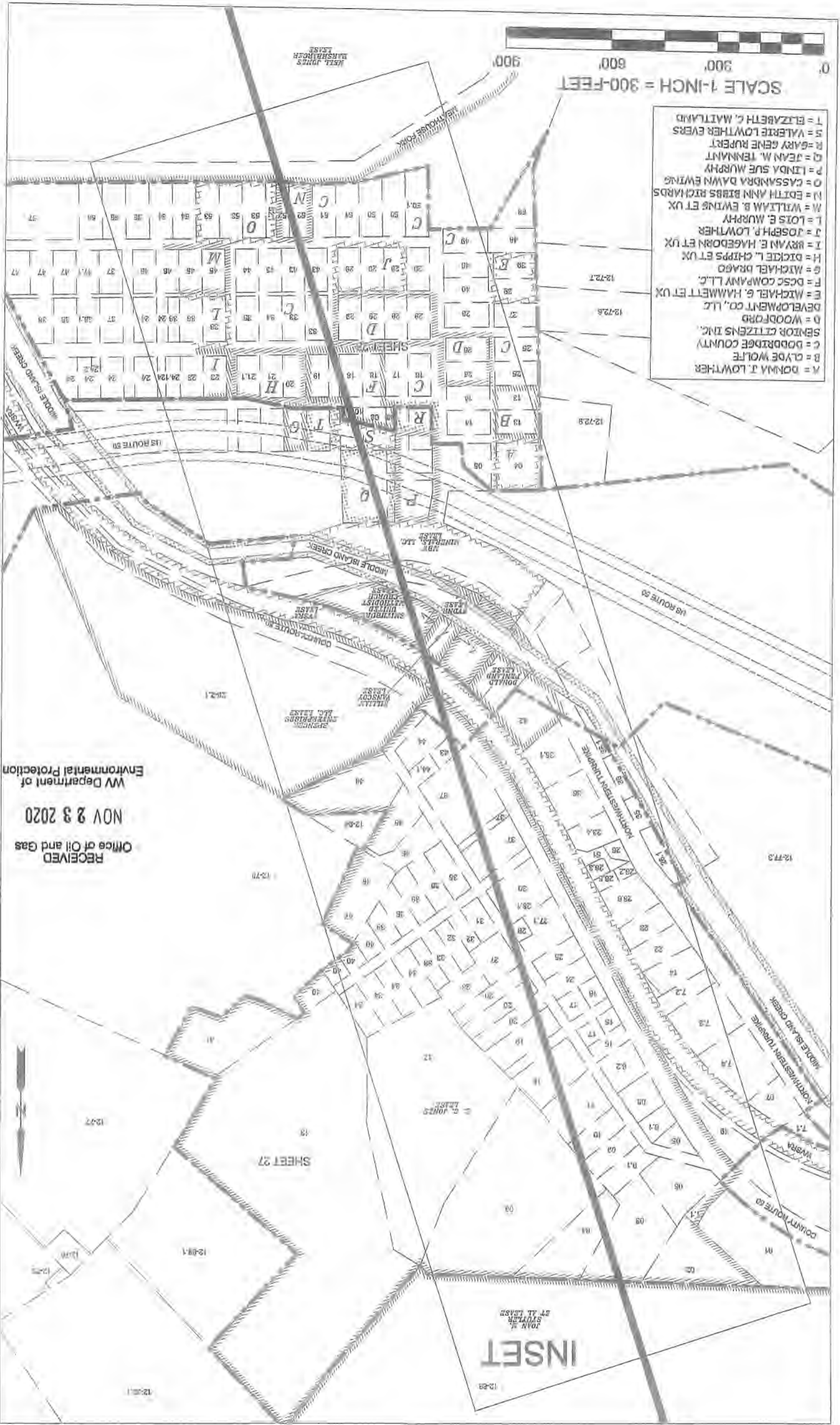
WELLS JONES
HARRINGTON
L.L.C.

17-06898-M00

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RECEIVED
Office of Oil and Gas
NOV 23 2020
WV Department of
Environmental Protection

INSET

JOHN H. SWINER ET AL. LEASE

SHEET 27

12-88-1

12-27

12-28-1

12-77-3

12-72-1

12-72-6

12-72-8

900

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WEST JONES MARSHLAND LEASE

MIDDLE ISLAND CREEK

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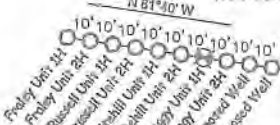
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PAD LAYOUT NOT TO SCALE



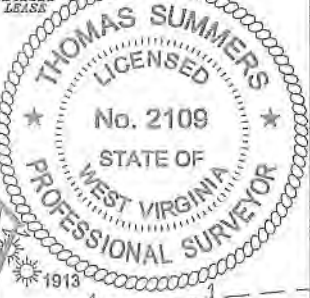
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Table listing West Union District - Doddridge County leaseholders and their respective well numbers.

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RECEIVED Office of Oil and Gas NOV 23 2020 WV Department of Environmental Protection



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Form containing JOB # 19-02SWA, DRAWING # PEGGY1HMODR, SCALE 1" = 2000', LEGEND, and COORDS: WELL 1H TOP HOLE INFORMATION: N: 14,272,435ft E: 1,712,169ft.

Form containing WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL 47 017 06898, LOCATION: ELEVATION 1,275' - AS BUILT, SURFACE OWNER SAMUEL AND PEGGY SMITH, and PROPOSED WORK: DRILL CONVERT DRILL DEEPER X REDRILL.

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COUNTY NAME PERMIT