

LATITUDE 39°22'30"

10,508'

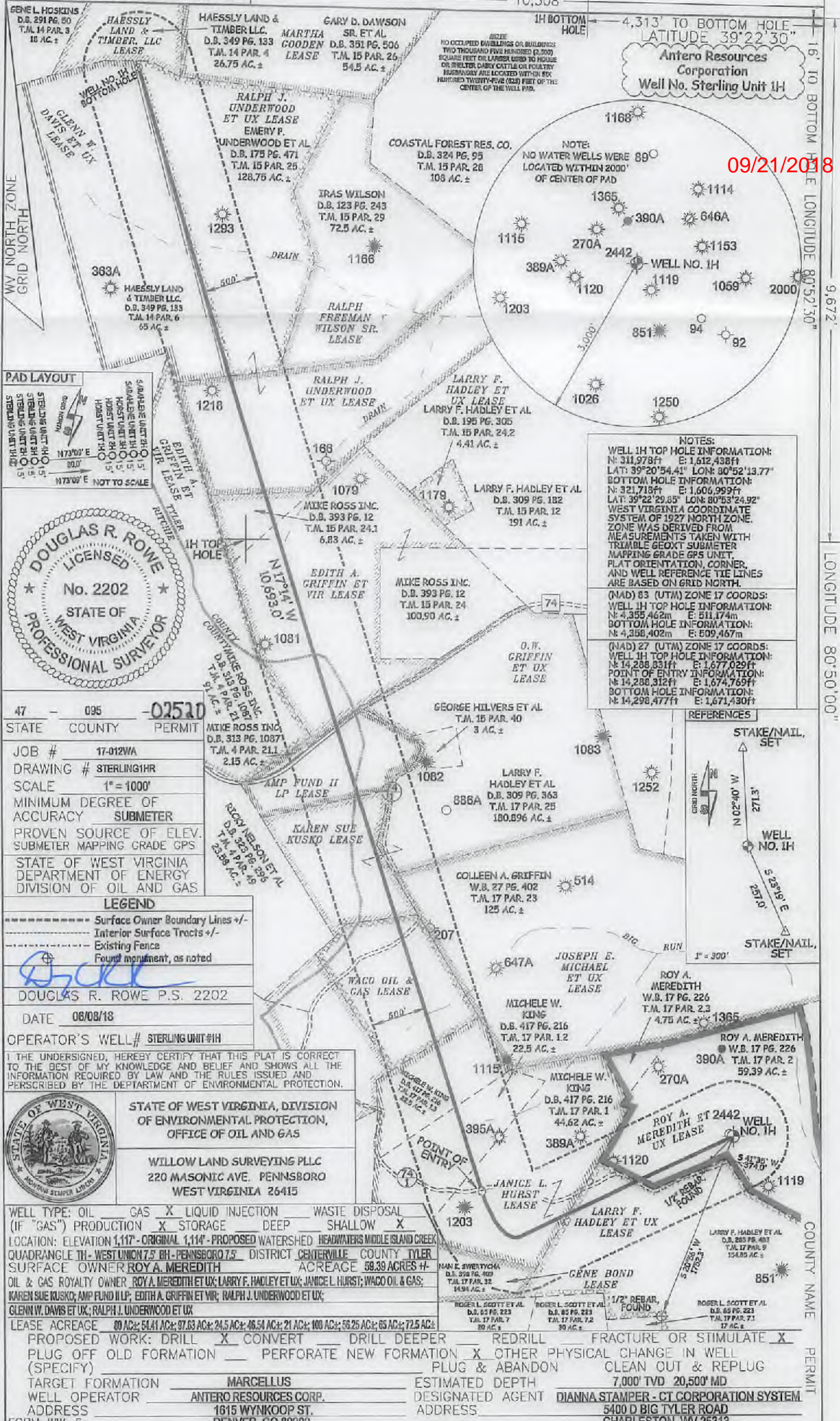
4,313' TO BOTTOM HOLE

LATITUDE 39°22'30"

Antero Resources Corporation

Well No. Sterling Unit 1H

09/21/2018



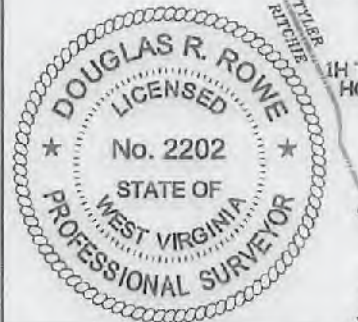
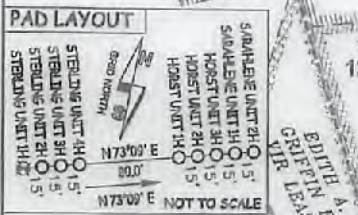
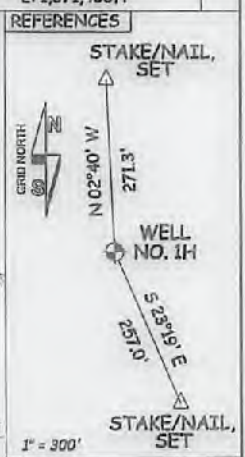
NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS
TWO THOUSAND FIVE HUNDRED (2,500)
SQUARE FEET OR LARGER USED TO HOUSE
OR SHEEP, CARRY CATTLE OR POULTRY
HUSBANDRY ARE LOCATED WITHIN SIX
HUNDRED TWENTY-FIVE (625) FEET OF THE
CENTER OF THE WELL PAD.

NOTE:
NO WATER WELLS WERE
LOCATED WITHIN 2000'
OF CENTER OF PAD

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 311,978ft E: 1,612,438ft
LAT: 39°20'54.41" LON: 80°52'13.77"
BOTTOM HOLE INFORMATION:
N: 321,718ft E: 1,606,999ft
LAT: 39°22'29.85" LON: 80°53'24.92"
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: 4,355,462m E: 511,174m
BOTTOM HOLE INFORMATION:
N: 4,358,402m E: 509,467m

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,288,831ft E: 1,677,029ft
POINT OF ENTRY INFORMATION:
N: 14,288,312ft E: 1,674,769ft
BOTTOM HOLE INFORMATION:
N: 14,298,477ft E: 1,671,430ft



47 - 095 - 02520
STATE COUNTY PERMIT

JOB # 17-012WA
DRAWING # STERLING1HR
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 +/-
- - - - - Interior Surface Tracts +/-
- - - - - Existing Fence
⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
DATE 06/08/18
OPERATOR'S WELL# STERLING UNIT #1H

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

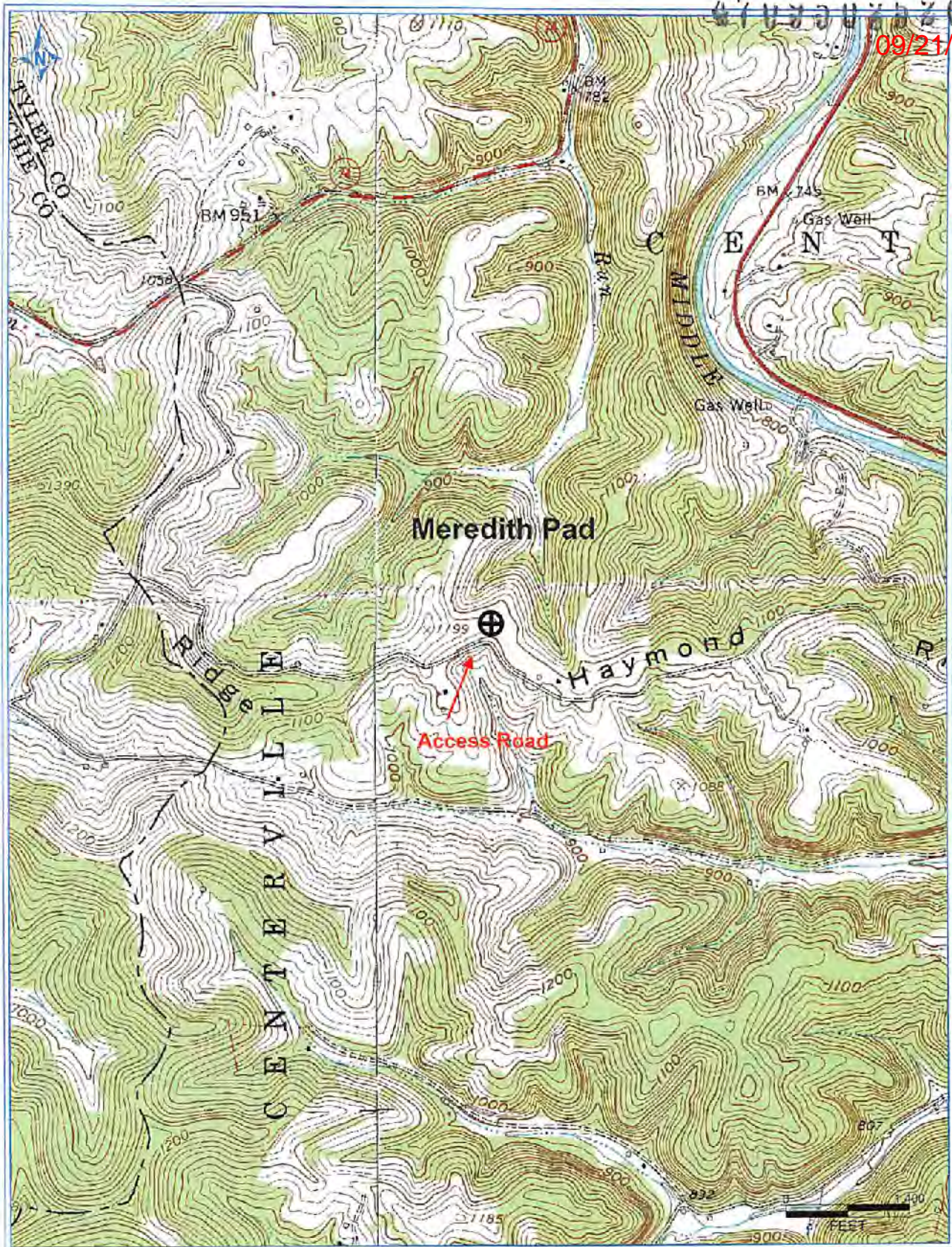
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,117' - ORIGINAL 1,114' - PROPOSED WATERSHED HEADWATERS MIDDLE ISLAND CREEK
QUADRANGLE TH - WEST UNION 7.5 BH - PENNSBORO 7.5 DISTRICT CENTERVILLE COUNTY TYLER
SURFACE OWNER ROYA A. MEREDITH ACREAGE 59.39 ACRES +/-
OIL & GAS ROYALTY OWNER ROYA A. MEREDITH ET UX; LARRY F. HADLEY ET UX; JANICE L. HURST; WACO OIL & GAS;
KAREN SUE KUSKO; AMP FUND II LP; EDITH A. GRIFFIN ET VIR; RALPH J. UNDERWOOD ET UX;
GLENN W. DAVIS ET UX; RALPH J. UNDERWOOD ET UX

LEASE ACREAGE 80 AC ±; 54.41 AC ±; 97.63 AC ±; 24.5 AC ±; 46.54 AC ±; 21 AC ±; 100 AC ±; 56.25 AC ±; 65 AC ±; 72.5 AC ±

PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
PLUG & ABANDON CLEAN OUT & REPLUG

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,000' TVD 20,500' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP ST. ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

09/21/2018



RECEIVED
Office of Oil and Gas
JUN 14 2018
WV Department of
Environmental Protection

Antero Resources Corporation
Appalachian Basin
Horst Unit 1H-3H, Sarahlene Unit 1H-2H &
Sterling Unit 1H-4H
Tyler County

Quadrangle: West Union
Watershed: Middle Island Creek
District: Centerville
Date: 6/13/2018