

LATITUDE 39°22'30" 1,678'

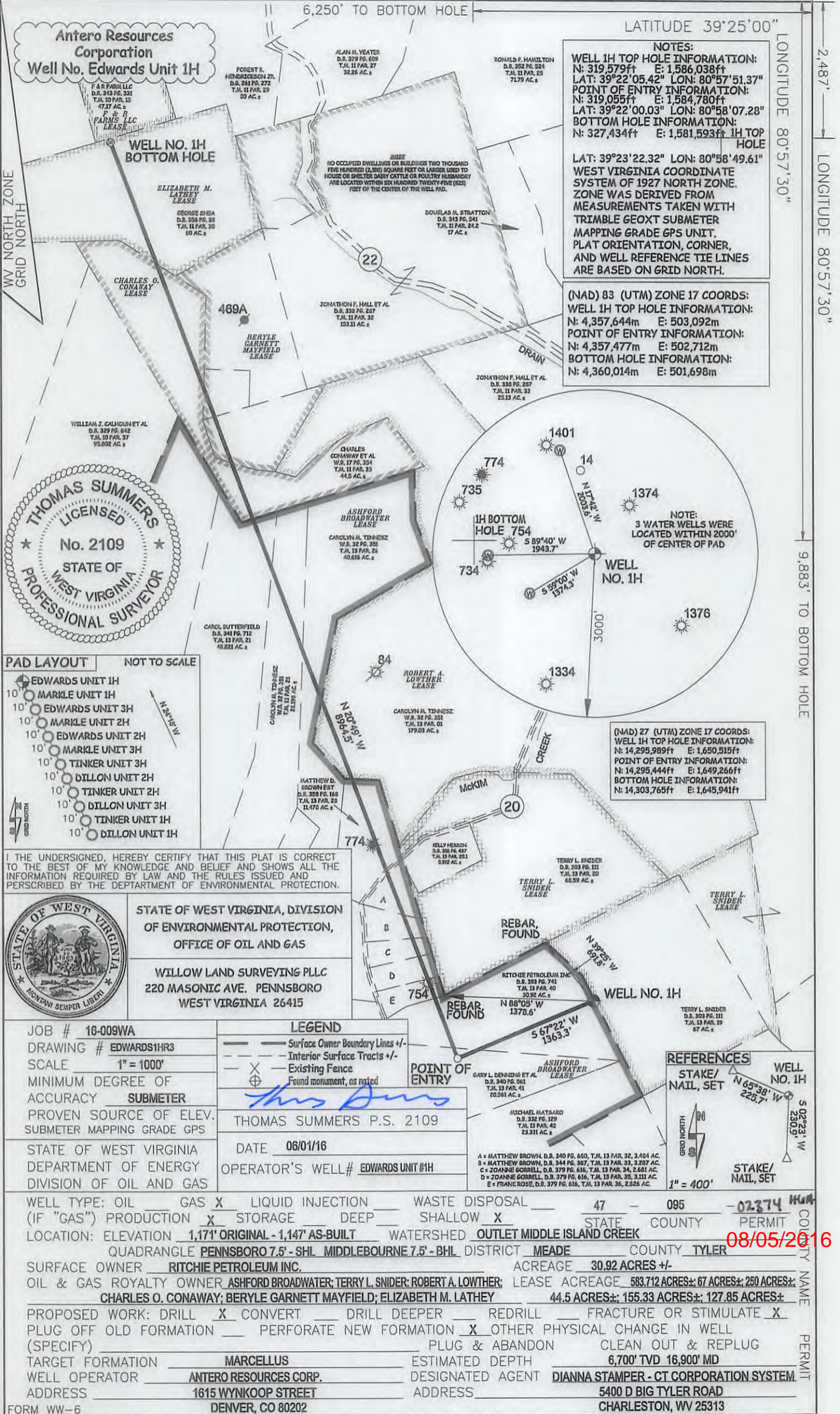
LATITUDE 39°25'00"

LONGITUDE 80°57'30"

2,487'

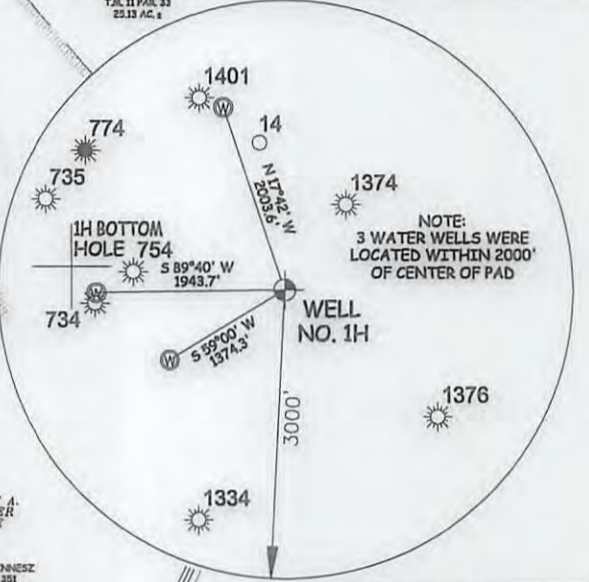
LONGITUDE 80°57'30"

9,883' TO BOTTOM HOLE



NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 319,579ft E: 1,586,038ft
POINT OF ENTRY INFORMATION:
 N: 319,055ft E: 1,584,780ft
BOTTOM HOLE INFORMATION:
 N: 327,434ft E: 1,581,593ft
WELL 1H TOP HOLE
 LAT: 39°23'22.32" LON: 80°58'49.61"
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: 4,357,644m E: 503,092m
POINT OF ENTRY INFORMATION:
 N: 4,357,477m E: 502,712m
BOTTOM HOLE INFORMATION:
 N: 4,360,014m E: 501,698m



(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
 N: 14,295,989ft E: 1,650,515ft
POINT OF ENTRY INFORMATION:
 N: 14,295,444ft E: 1,649,266ft
BOTTOM HOLE INFORMATION:
 N: 14,303,765ft E: 1,645,941ft

Antero Resources Corporation
Well No. Edwards Unit 1H
 F & R FARMS LLC
 D.B. 343 PG. 331
 T.J. 11 PAR. 15
 47.17 AC. ±
 F & R FARMS LLC LEASE

THOMAS SUMMERS
LICENSED
No. 2109
STATE OF WEST VIRGINIA
PROFESSIONAL SURVEYOR

- PAD LAYOUT NOT TO SCALE**
- 10' EDWARDS UNIT 1H
 - 10' MARKLE UNIT 1H
 - 10' EDWARDS UNIT 3H
 - 10' MARKLE UNIT 2H
 - 10' EDWARDS UNIT 2H
 - 10' MARKLE UNIT 3H
 - 10' TINKER UNIT 3H
 - 10' DILLON UNIT 2H
 - 10' TINKER UNIT 2H
 - 10' DILLON UNIT 3H
 - 10' TINKER UNIT 1H
 - 10' DILLON 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 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 # 16-009WA
 DRAWING # EDWARDS1HR3
 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 +/-
 X Existing Fence
 ⊕ Found monument, as noted

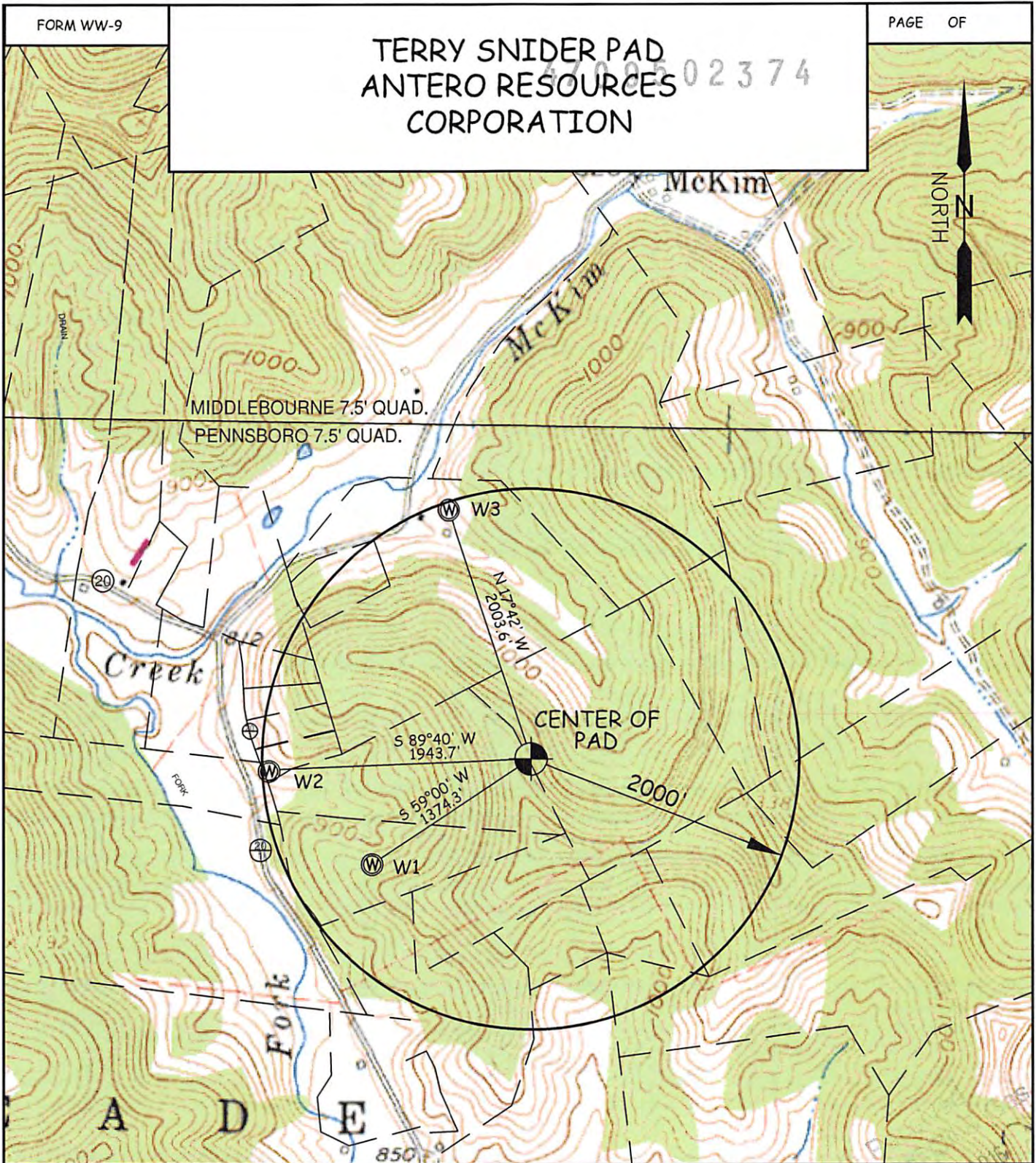
THOMAS SUMMERS P.S. 2109
 DATE 06/01/16
 OPERATOR'S WELL# EDWARDS UNIT #1H

REFERENCES
 STAKE/ NAIL, SET
 WELL NO. 1H
 N 65°38' W 225.7'
 S 02°23' W 230.9'
 1" = 400'

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02374
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
 LOCATION: ELEVATION 1,171' ORIGINAL - 1,147' AS-BUILT WATERSHED OUTLET MIDDLE ISLAND CREEK
 QUADRANGLE PENNSBORO 7.5' - SHL MIDDLEBOURNE 7.5' - BHL DISTRICT MEADE COUNTY TYLER
 SURFACE OWNER RITCHIE PETROLEUM INC. ACREAGE 30.92 ACRES +/-
 OIL & GAS ROYALTY OWNER ASHFORD BROADWATER; TERRY L. SNIDER; ROBERT A. LOWTHER; LEASE ACREAGE 583.712 ACRES ±; 67 ACRES ±; 250 ACRES ±;
 CHARLES O. CONAWAY; BERYLE GARNETT MAYFIELD; ELIZABETH M. LATHEY 44.5 ACRES ±; 155.33 ACRES ±; 127.85 ACRES ±
 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 6,700' TVD 16,900' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

08/05/2016

TERRY SNIDER PAD
ANTERO RESOURCES CORPORATION



WELL	SURFACE OWNER	ADDRESS	DISTRICT-TAX MAP-PARCEL	WELL LATITUDE	WELL LONGITUDE
W1	GARY L. DENNING ET AL	2890 Haddox Run Road, Pennsboro, WV 26415	6-13-41	39° 21' 57.69"	80° 58' 05.89"
W2	FRANK & MARY ROSE (LIFE)	862 HADDOX RUN RD. PENNSBORO, WV 26415	6-13-36	39° 22' 04.45"	80° 58' 15.79"
W3	TERRY L. SNIDER	P.O. BOX 545 PENNSBORO, WV 26415	6-13-20	39° 22' 23.64"	80° 57' 59.20"

WILLOW LAND SURVEYING PLLC P.O. BOX 17, PENNSBORO, WV 26415 (304) 659-1717	TOPO SECTION(S) OF ; PENNSBORO 7.5' QUAD. & MIDDLEBOURNE 7.5' QUAD.	SCALE : 1-INCH = 1000-FEET 0' 1000' 2000' 3000'
	DATE: 06/22/15 DRAWN BY: D.L.P.	