

LATITUDE 39°27'30"

5,946'

4,174' TO BOTTOM HOLE
LATITUDE 39°25'00"

LONGITUDE 80°55'00"

13,419'

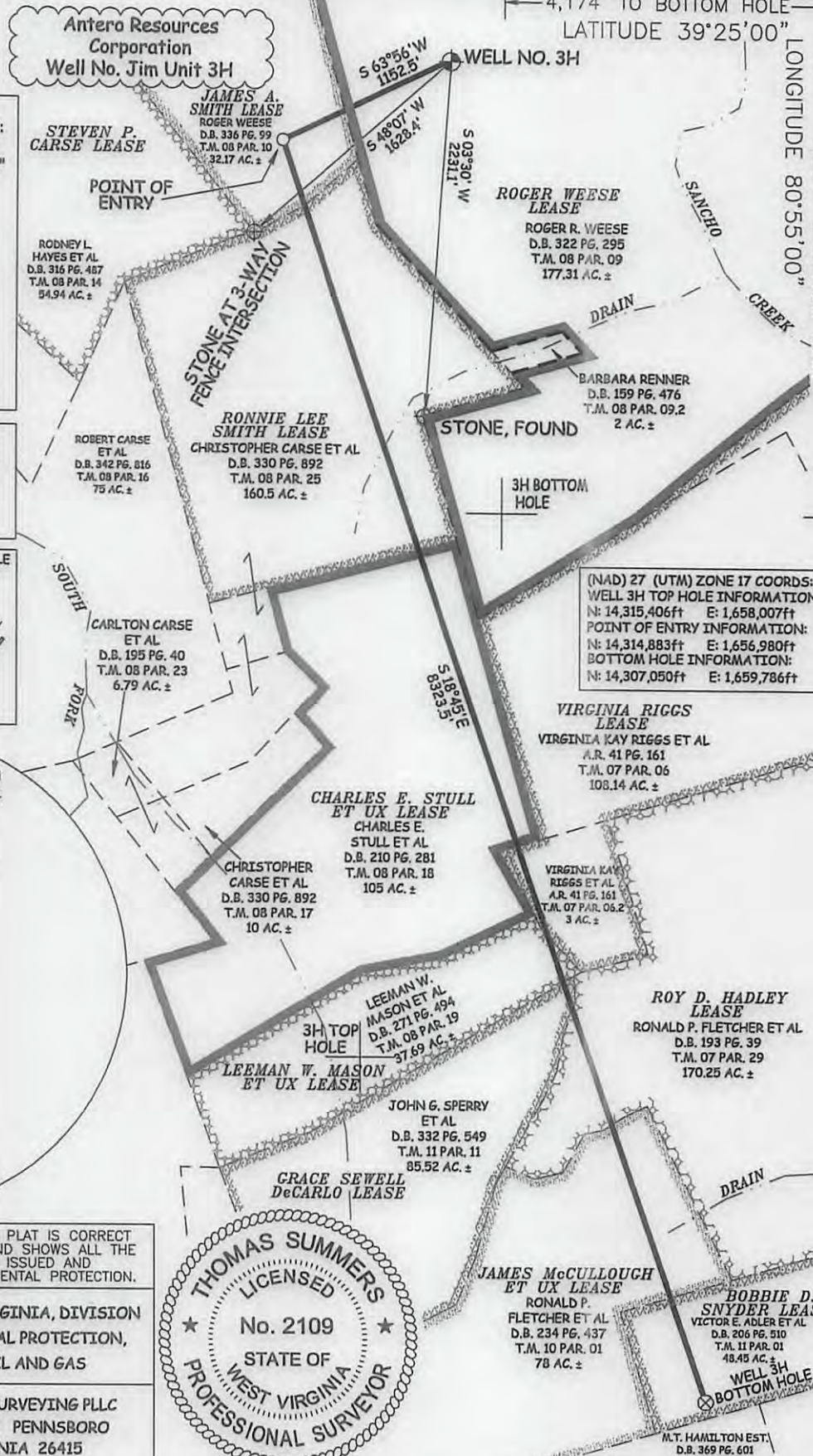
LONGITUDE 80°55'00"

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 THIRTY-FIVE (635) FEET OF THE CENTER OF THE WELL PAD.

NOTES:
WELL 3H TOP HOLE INFORMATION:
N: 338,876ft E: 1,593,855ft
LAT: 39°25'17.37" LON: 80°56'15.77"
BOTTOM HOLE INFORMATION:
N: 330,488ft E: 1,595,496ft
LAT: 39°23'54.73" LON: 80°55'53.17"
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 3H TOP HOLE INFORMATION:
N: 4,363,562m E: 505,376m
BOTTOM HOLE INFORMATION:
N: 4,361,015m E: 505,918m

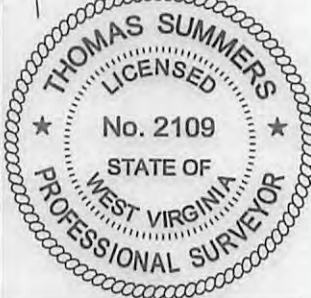
PAD LAYOUT NOT TO SCALE



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.



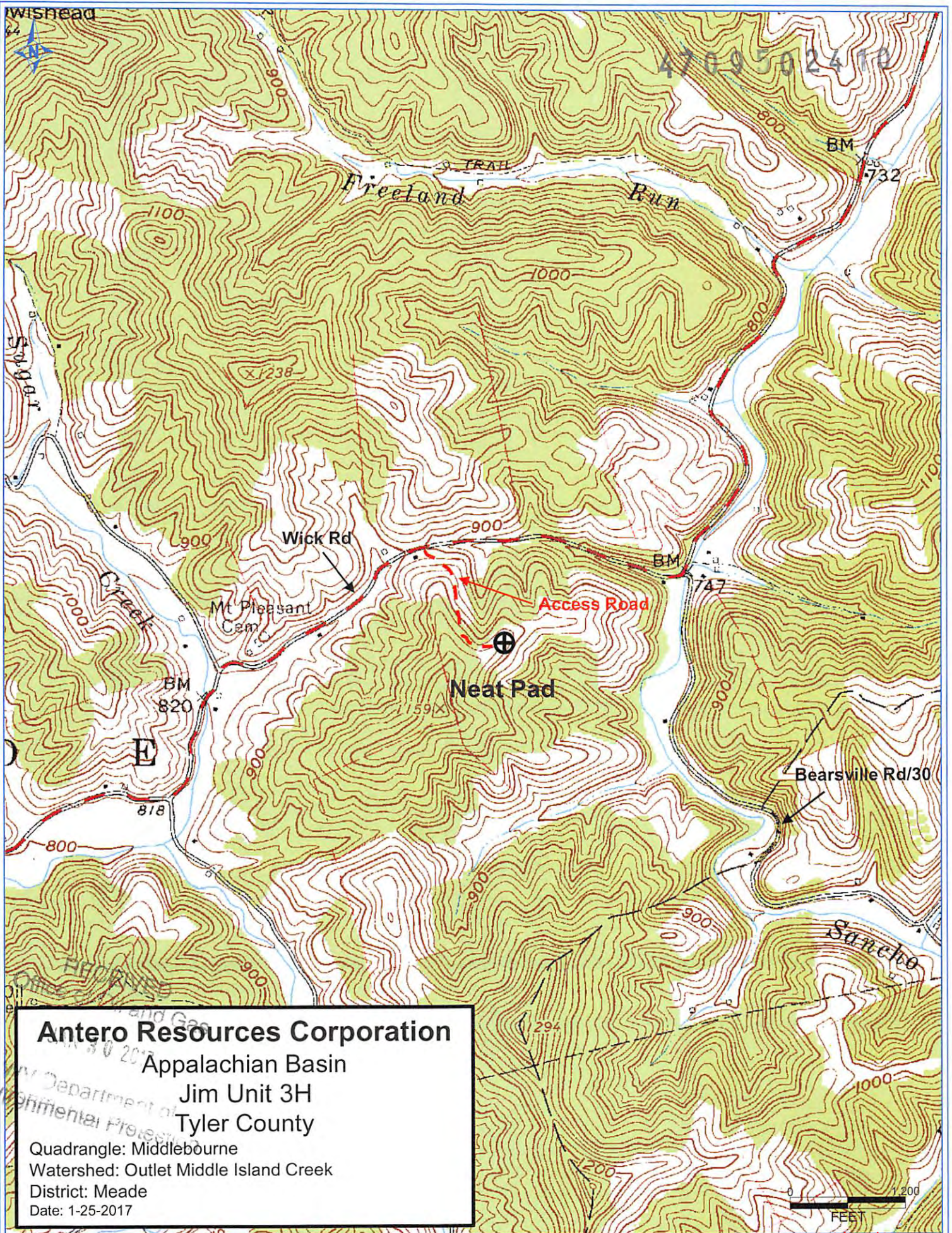
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 14-128WA	LEGEND	REFERENCES
DRAWING # JIM3H	Surface Owner Boundary Lines +/-	STAKE/NAIL, SET
SCALE 1" = 1000'	Interior Surface Tracts +/-	WELL NO. 3H
MINIMUM DEGREE OF ACCURACY SUBMETER	Existing Fence	N 61°01' E 228.4'
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS	Found monument, as noted	S 20°23' E 246.3'
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS	THOMAS SUMMERS P.S. 2109	STAKE/NAIL, SET
	DATE 01/23/17	
	OPERATOR'S WELL# JIM UNIT #3H	

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL 47 - 095 - 02410
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY PERMIT
LOCATION: ELEVATION 1,005' - PROPOSED 1,032' - ORIGINAL WATERSHED OUTLET MIDDLE ISLAND CREEK
QUADRANGLE MIDDLEBOURNE 7.5' DISTRICT MEADE COUNTY TYLER
SURFACE OWNER ROGER R. WEESE ACREAGE 177.31 ACRES +/- LEASE ACREAGE 196.709 AC±; 31.919 AC±; 97.544 AC±;
OIL & GAS ROYALTY OWNER ROGER WEESE; JAMES A. SMITH; RONNIE LEE SMITH; LEASE ACREAGE 105 AC±; 123 AC±; 85.52 AC±; 170.25 AC±; 78 AC±; 52.5 AC±;
CHARLES E. STULL ET UX; VIRGINIA RIGGS; LEEMAN W. MASON ET UX; GRACE SEWELL DeCARLO; ROY D. HADLEY; JAMES McCULLOUGH ET UX; BOBBIE D. SNYDER
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 15,500' 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

04/14/2017



Antero Resources Corporation

Appalachian Basin

Jim Unit 3H

Tyler County

Quadrangle: Middlebourne

Watershed: Outlet Middle Island Creek

District: Meade

Date: 1-25-2017

04/14/2017