

LATITUDE 39°12'30"

10,323'

1,170' TO BOTTOM HOLE

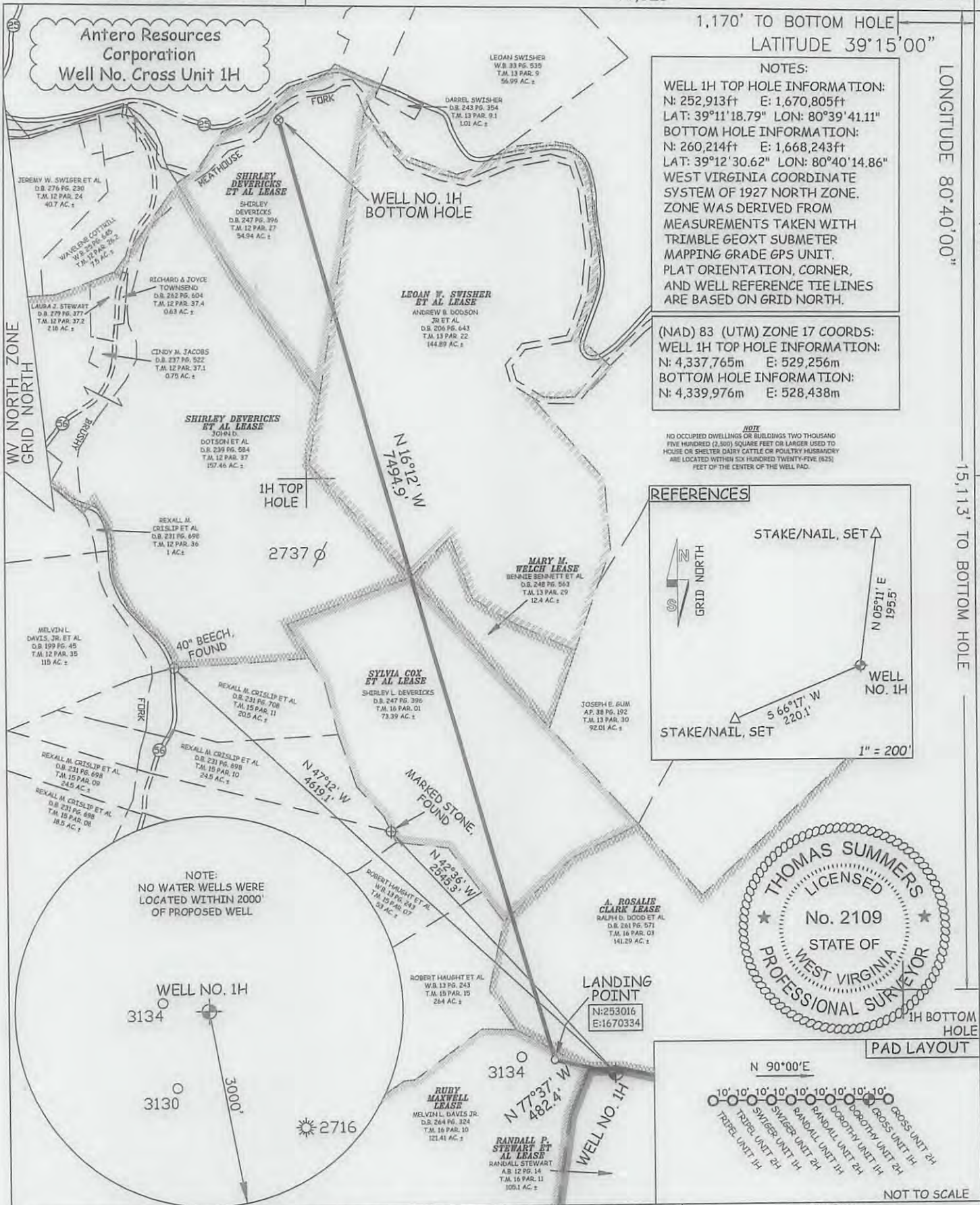
LATITUDE 39°15'00"

LONGITUDE 80°40'00"

7,205'

15,113' TO BOTTOM HOLE

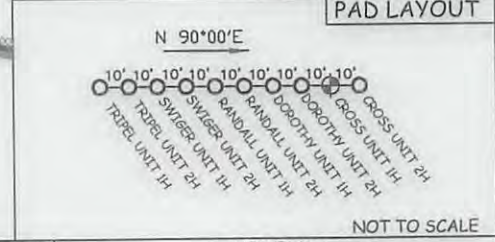
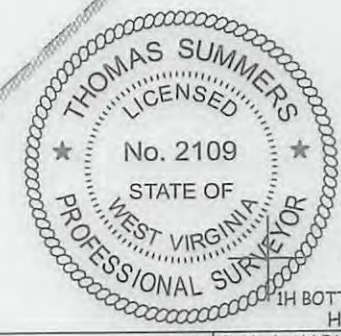
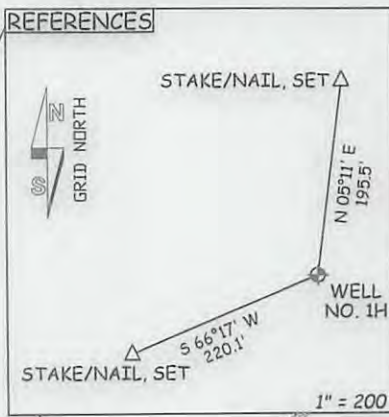
LONGITUDE 80°37'30"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 252,913ft E: 1,670,805ft
 LAT: 39°11'18.79" LON: 80°39'41.11"
 BOTTOM HOLE INFORMATION:
 N: 260,214ft E: 1,668,243ft
 LAT: 39°12'30.62" LON: 80°40'14.86"
 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: 4,337,765m E: 529,256m
 BOTTOM HOLE INFORMATION:
 N: 4,339,976m E: 528,438m

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.



JOB # 12-118WA
 DRAWING # CROSS1HR3
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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.



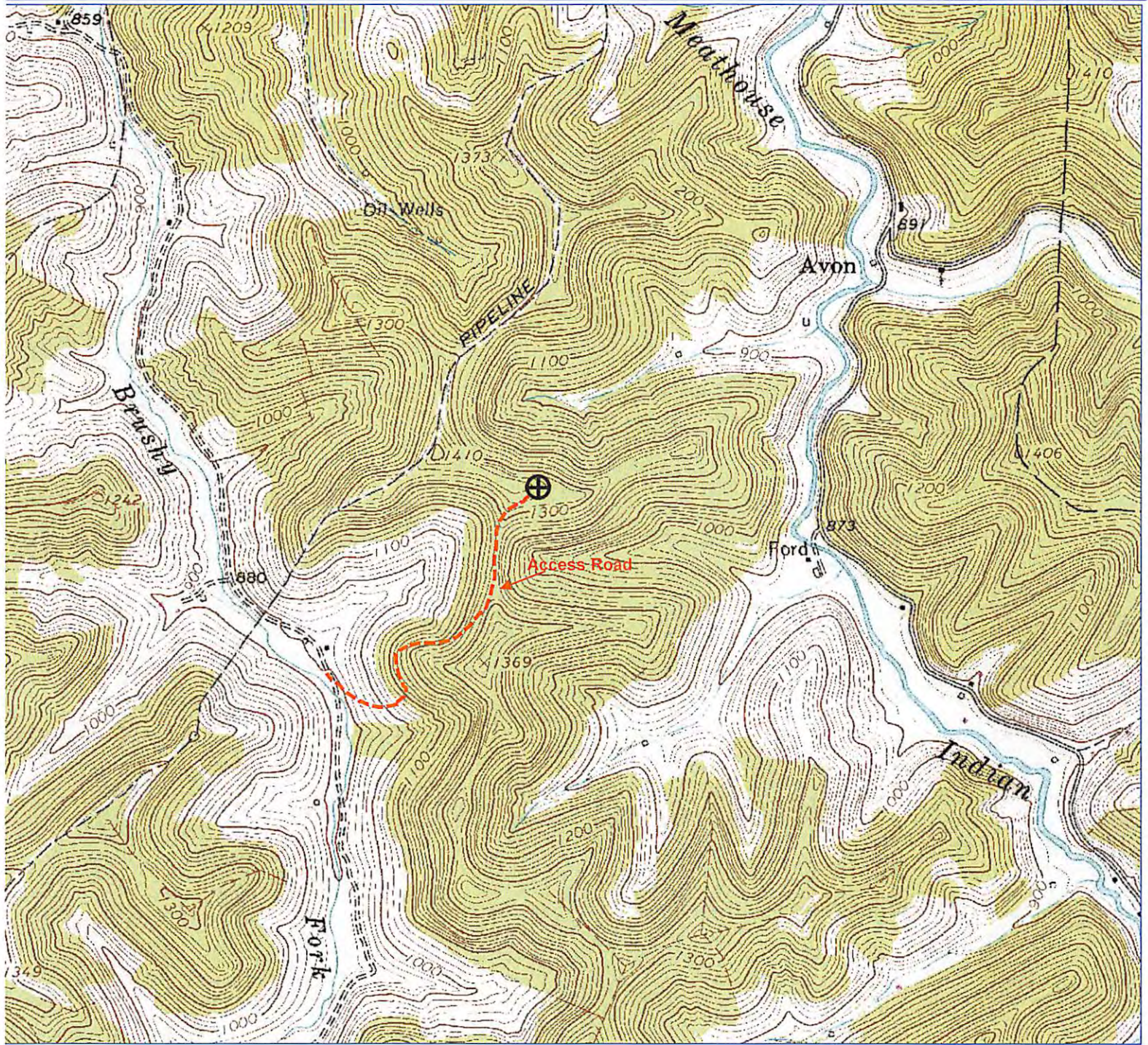
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

LEGEND
 - - - - - Surface Owner Boundary Lines +/-
 - - - - - Interior Surface Tracts +/-
 - x - x - Existing Fence
 ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109
 DATE 10/03/13
 OPERATOR'S WELL# CROSS UNIT #1H
 API WELL # 47 - 017 - MOD 06238H6A
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1,332' WATERSHED INDIAN FORK
 QUADRANGLE NEW MILTON 7.5' DISTRICT NEW MILTON COUNTY DODDRIDGE
 SURFACE OWNER RANDALL STEWART ACREAGE 105.1 ACRES +/-
 OIL & GAS ROYALTY OWNER RANDALL P. STEWART ET AL; A. ROSALIE CLARK; RUBY MAXWELL; LEASE ACREAGE 195 ACRES±; 141.46 ACRES±; 121 ACRES±;
 SYLVIA COX ET AL; SHIRLEY DEVERICKS ET AL; MARY M. WELCH; LEOAN W. SWISHER ET AL; SHIRLEY DEVERICKS ET AL 73 ACRES±; 157 ACRES±; 12.4 ACRES±; 178.14 ACRES±; 57.475 ACRES±
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) BHL-Modification PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,500' TVD 15,600' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

01/24/2014



RETRA 3/18/2013 2:40:12 PM

17-06238 H6A
ANTERO RESOURCES

CROSS UNIT 1H

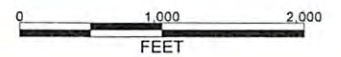
PAD NAME: STEWART

Antero Resources

Appalachian Basin

Cross Unit 1H

Doddridge County



REMARKS
Quadrangle: New Milton
Watershed: Toms Fork Meathouse Fork
District: New Milton

March 18, 2013