

LATITUDE 39°12'30"

10,313'

556' TO BOTTOM HOLE

LATITUDE 39°15'00"

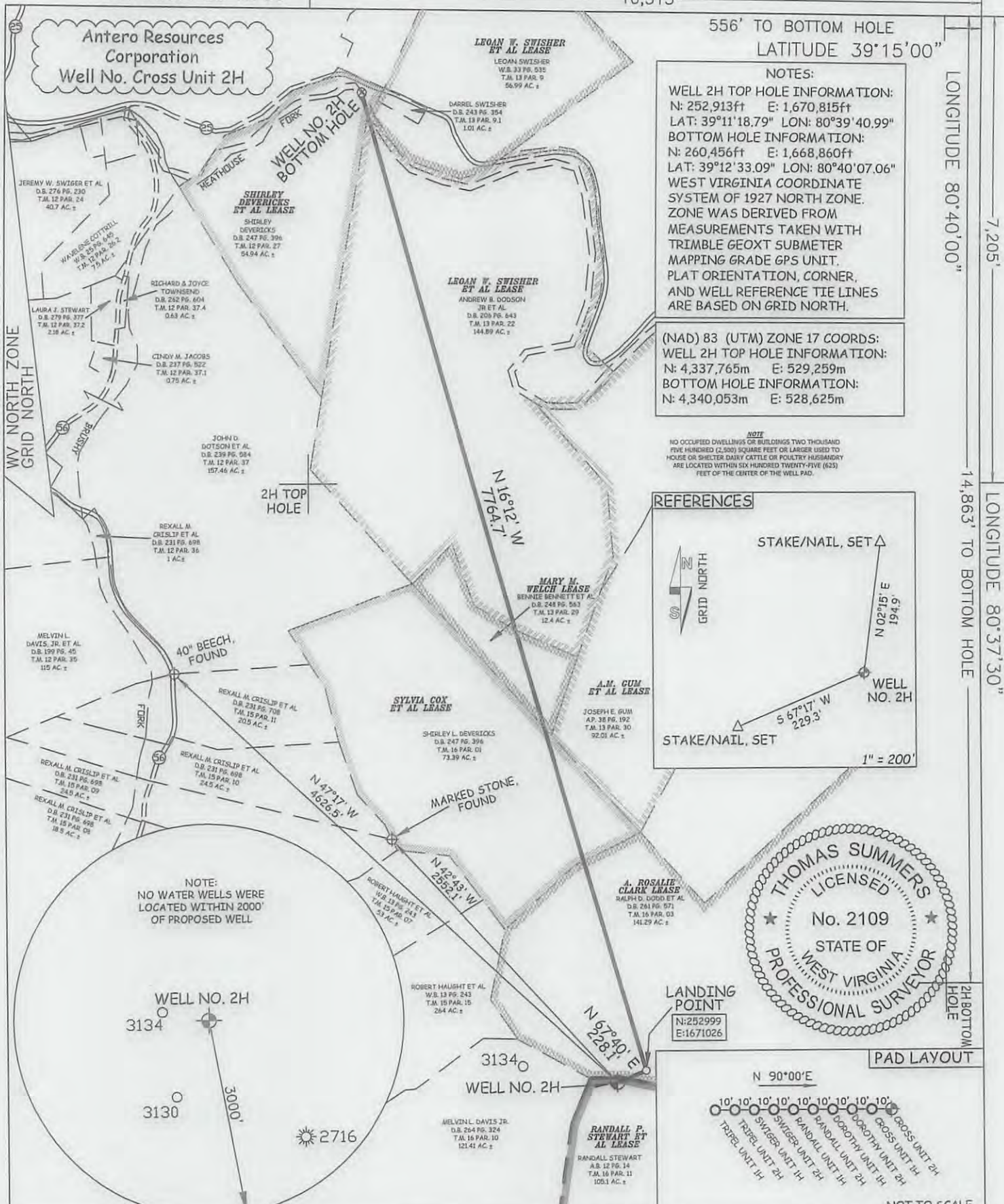
LONGITUDE 80°40'00"

7,205'

LONGITUDE 80°37'30"

14,863' TO BOTTOM HOLE

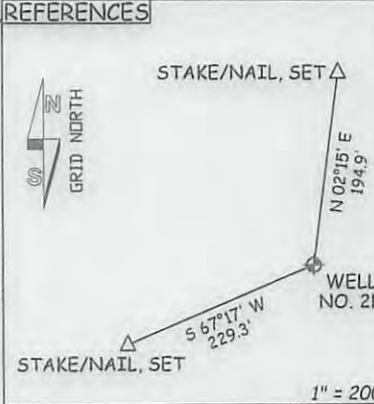
2H BOTTOM HOLE



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 252,913ft E: 1,670,815ft
 LAT: 39°11'18.79" LON: 80°39'40.99"
 BOTTOM HOLE INFORMATION:
 N: 260,456ft E: 1,668,860ft
 LAT: 39°12'33.09" LON: 80°40'07.06"
 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 2H TOP HOLE INFORMATION:
 N: 4,337,765m E: 529,259m
 BOTTOM HOLE INFORMATION:
 N: 4,340,053m E: 528,625m

NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SWINE, DAIRY CATTLE OR POULTRY IN NEARBY 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 PROPOSED WELL

JOB # 12-118WA
 DRAWING # CROSS2HR3
 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.



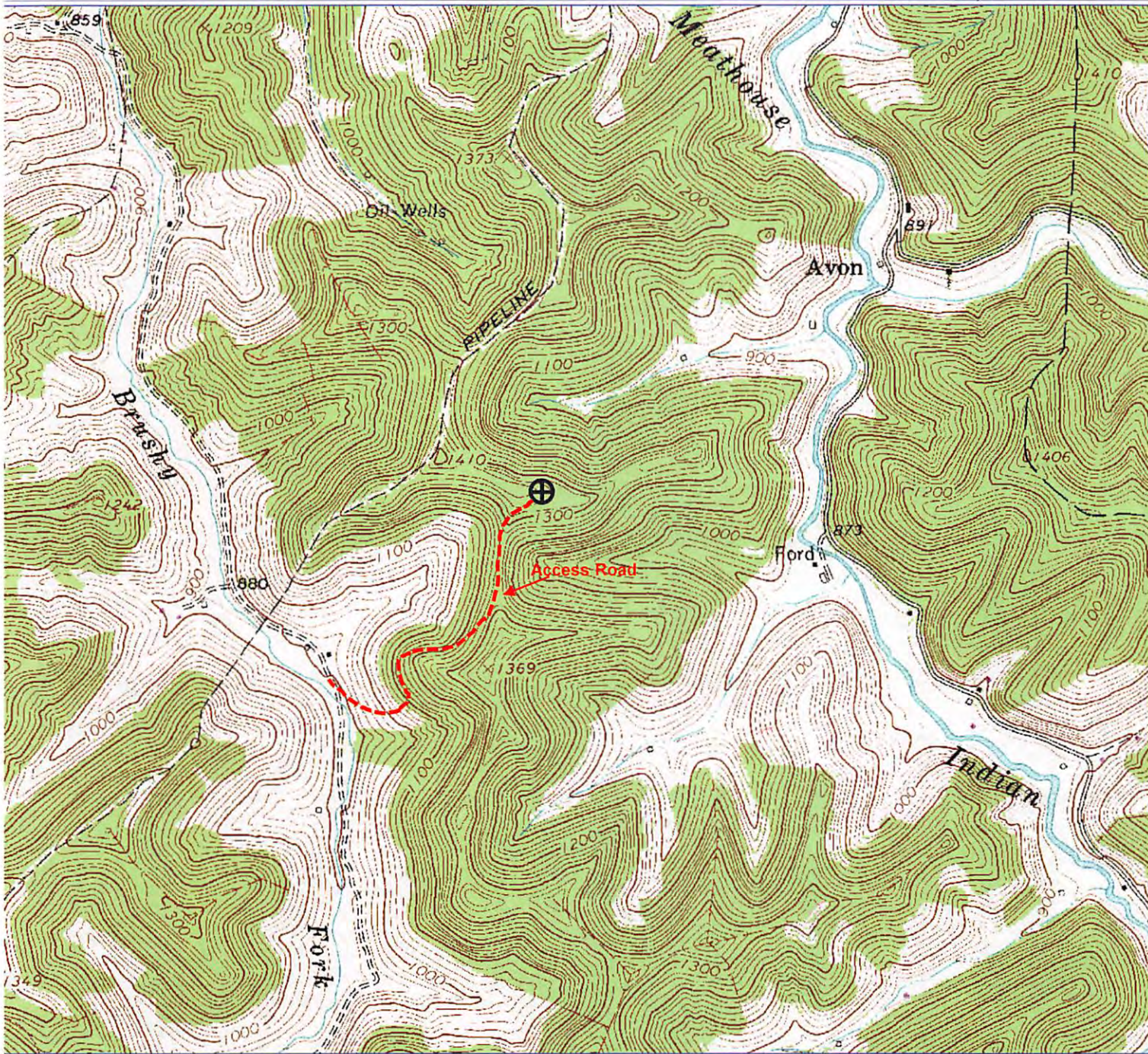
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

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

THOMAS SUMMERS P.S. 2109
 DATE 10/09/13
 OPERATOR'S WELL # CROSS UNIT #2H
 API WELL # 47 - 017 - MOD 06240 H6A
 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; SYLVIA COX ET AL; LEASE ACREAGE 195 ACRES±; 141.46 ACRES±; 73 ACRES±; MARY M. WELCH; LEOAN W. SWISHER ET AL; LEOAN W. SWISHER ET AL; SHIRLEY DEVERICKS ET AL 12.4 ACRES±; 178.14 ACRES±; 56.99 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) BH Modification PLUG & ABANDON ___ CLEAN OUT & REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,500' TVD 15,800' 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



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

17-06240 H6A
ANTERO RESOURCES

CROSS UNIT 2H

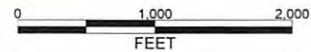
PAD NAME: STEWART

Antero Resources

Appalachian Basin

Cross Unit 2H

Doddridge County



REMARKS

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

March 18, 2013