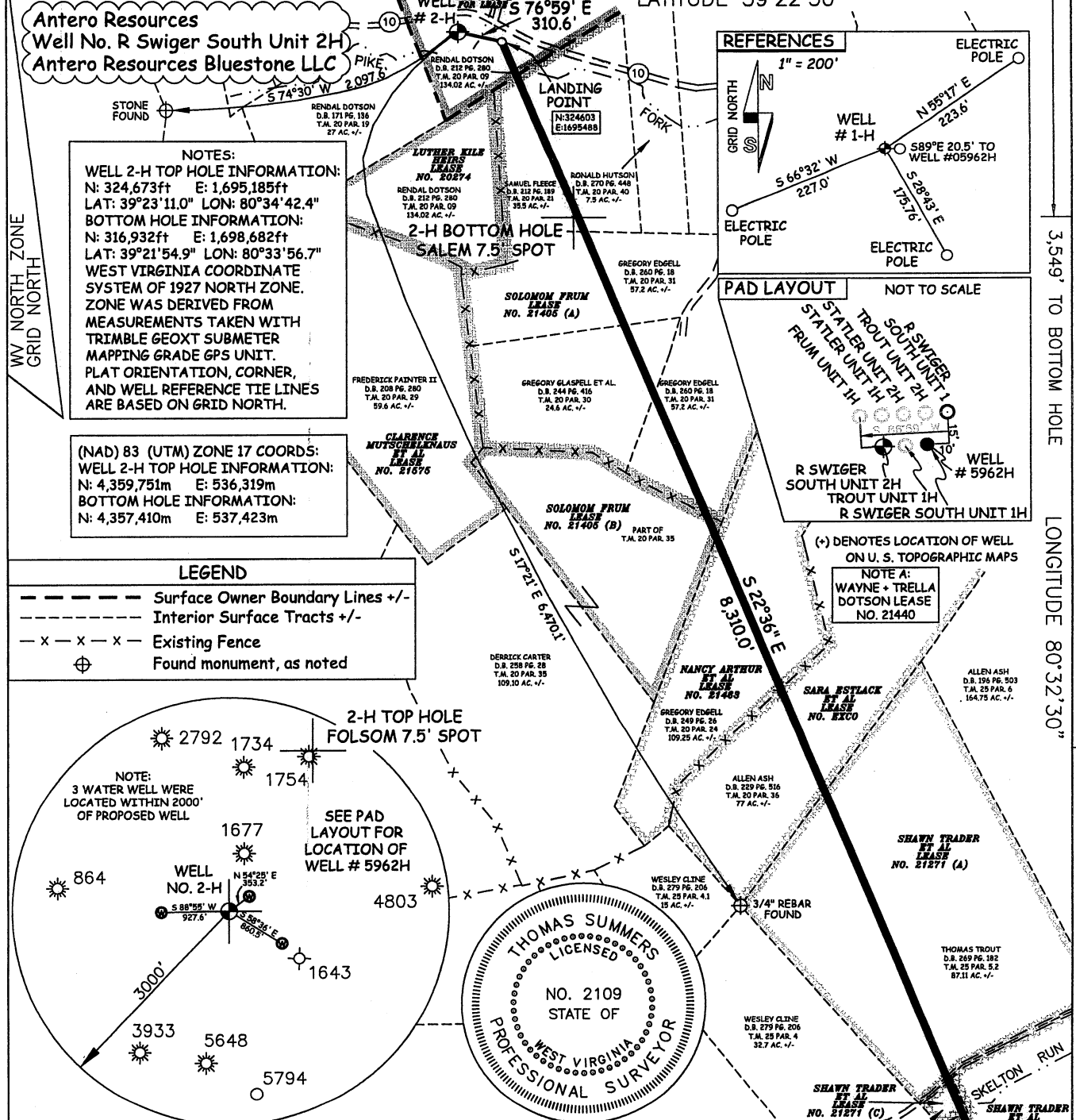


10,398' TO TOP HOLE ← LATITUDE 39°25'00"

6,812' TO BOTTOM HOLE ← LATITUDE 39°22'30"

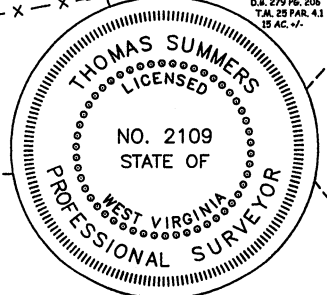
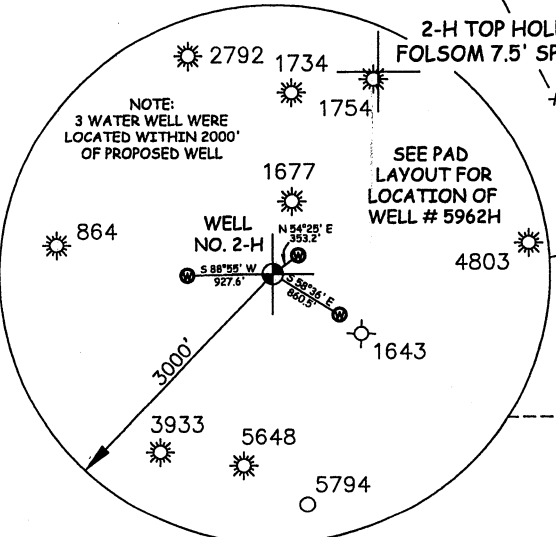
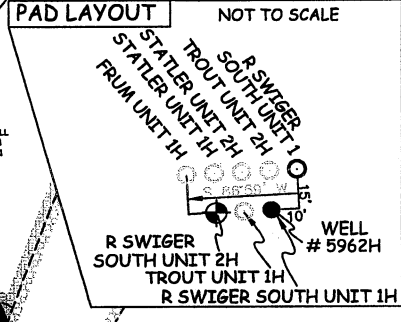
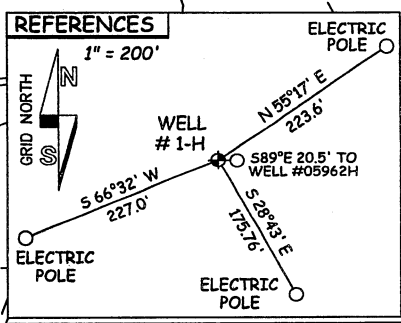


NOTES:
 WELL 2-H TOP HOLE INFORMATION:
 N: 324,673ft E: 1,695,185ft
 LAT: 39°23'11.0" LON: 80°34'42.4"
 BOTTOM HOLE INFORMATION:
 N: 316,932ft E: 1,698,682ft
 LAT: 39°21'54.9" LON: 80°33'56.7"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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 2-H TOP HOLE INFORMATION:
 N: 4,359,751m E: 536,319m
 BOTTOM HOLE INFORMATION:
 N: 4,357,410m E: 537,423m

LEGEND

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



JOB # 11-009
 DRAWING # SWIGERUNITS2H
 SCALE 1" = 1000'

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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

MINIMUM DEGREE OF ACCURACY
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

DATE 5/12/11
 OPERATOR'S WELL # R SWIGER SOUTH UNIT 2H
 API WELL # 47 - 017 - 040267
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 880' WATERSHED PIKE FORK DISTRICT McCLELLAN COUNTY DODDRIDGE

QUADRANGLE TOP HOLE - FOLSOM 7.5' AND BOTTOM HOLE - SALEM 7.5'
 SURFACE OWNER RENDAL DOTSON ACREAGE 134.02 ACRES +/-
 OIL & GAS ROYALTY OWNER WAYNE + TRELLA DOTSON; SOLOMON FRUM; LEASE ACREAGE 106 AC; 214.5 AC;
 NANCY ARTHUR ET AL; SARA ESTLACK ET AL; SHAWN TRADER ET AL 119 AC; 54 AC; 150 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 ___ ESTIMATED DEPTH 7500' TVD 16,500' MD

TARGET FORMATION MARCELLUS
 WELL OPERATOR ANTERO RESOURCES BLUESTONE LLC DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS CT CORPORATION SYSTEM
 DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

LEASE # 21440; 21405; 21463; EXCO; 21271

LONGITUDE 80°32'30"
 3,549' TO BOTTOM HOLE
 LONGITUDE 80°32'30"
 11,026' TO TOP HOLE

COUNTY NAME PERMIT

