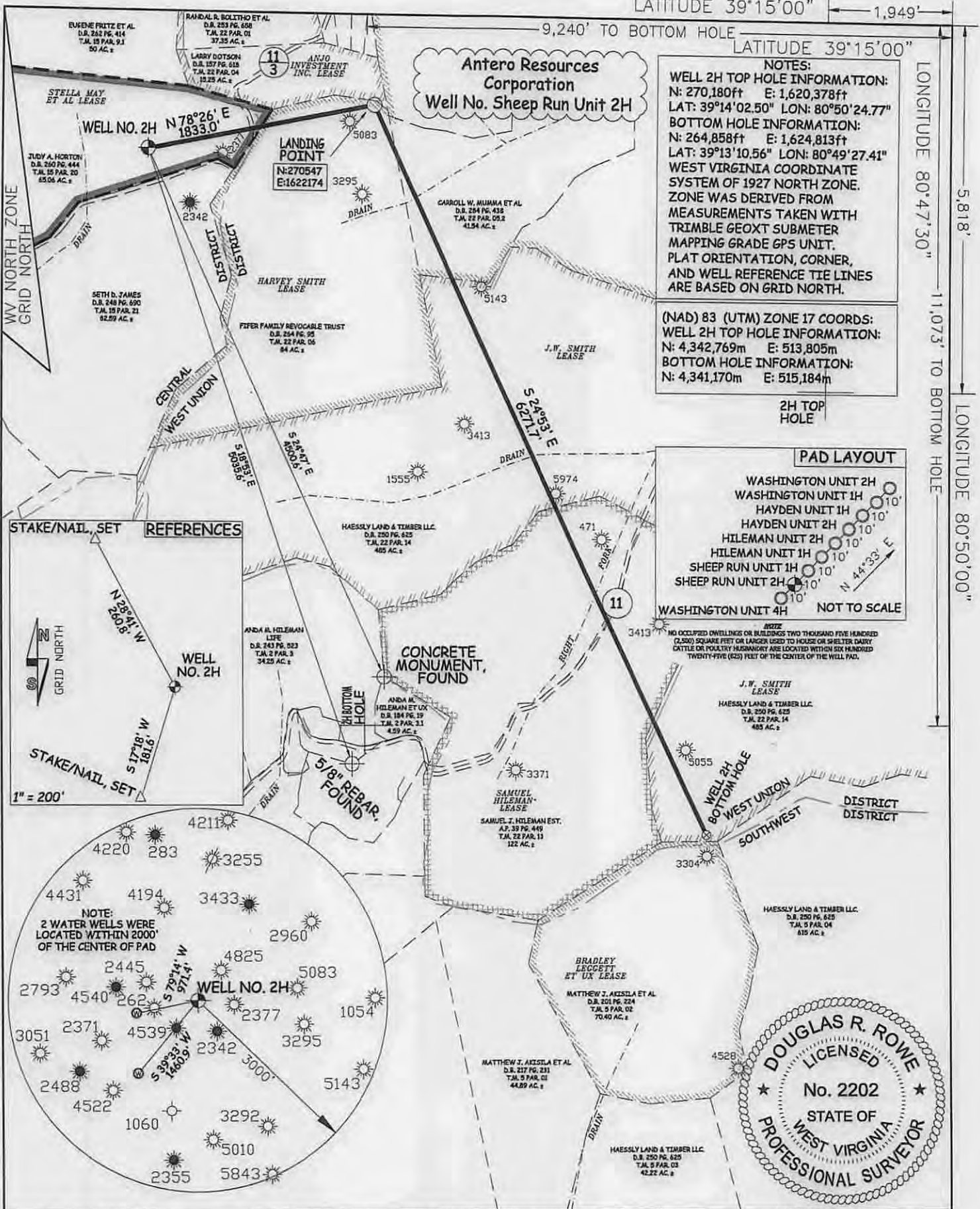


LATITUDE 39°15'00" 1,949'

LATITUDE 39°15'00"

LONGITUDE 80°47'30"

5,818' LONGITUDE 80°50'00"

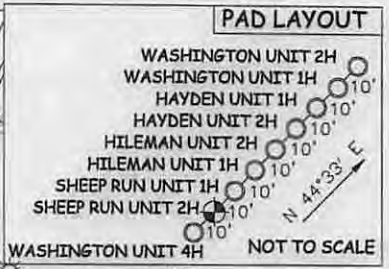


NOTES:
WELL 2H TOP HOLE INFORMATION:
 N: 270,180ft E: 1,620,378ft
 LAT: 39°14'02.50" LON: 80°50'24.77"
BOTTOM HOLE INFORMATION:
 N: 264,858ft E: 1,624,813ft
 LAT: 39°13'10.56" LON: 80°49'27.41"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

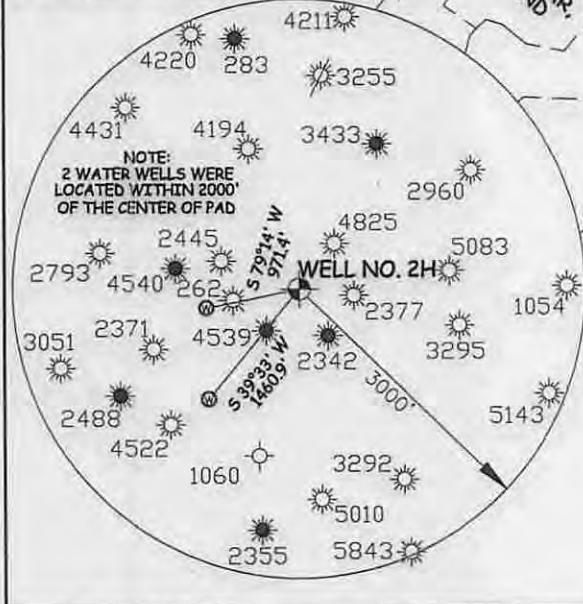
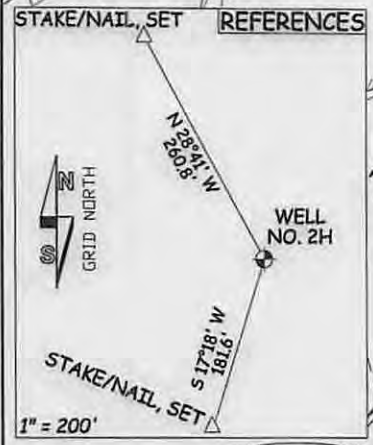
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
 N: 4,342,769m E: 513,805m
BOTTOM HOLE INFORMATION:
 N: 4,341,170m E: 515,184m

2H TOP HOLE

2H BOTTOM HOLE



NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY AND/OR HORSES ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 14-086WA
 DRAWING # SHEEPRUN2HR
 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.



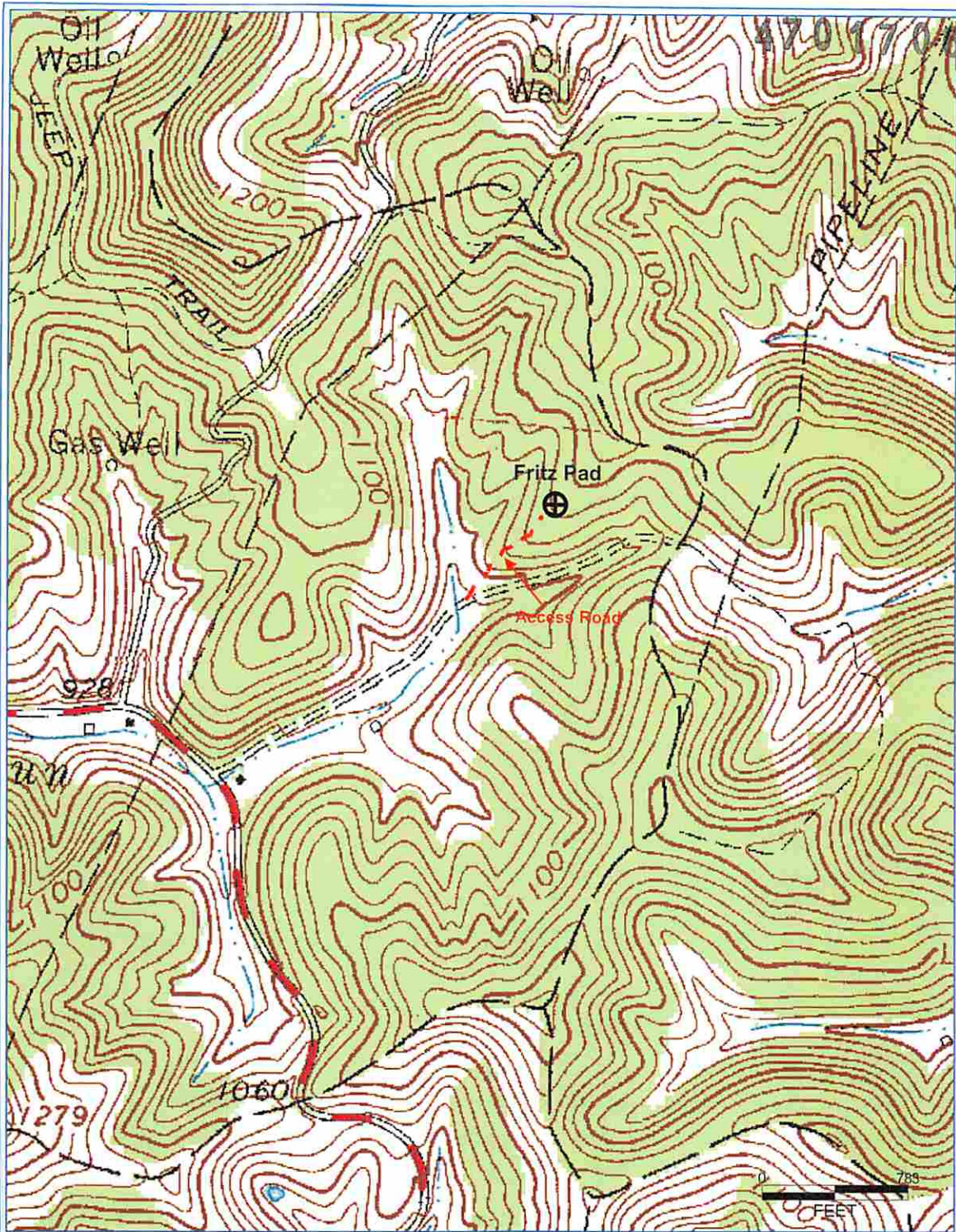
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
 WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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

DOUGLAS R. ROWE P.S. 2202
 DATE 10/14/14
 OPERATOR'S WELL# SHEEP RUN UNIT #2H
 API WELL # 47 - 017 - 06658
 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 1,053' WATERSHED TRIBUTARY OF CABIN RUN
 QUADRANGLE OXFORD 7.5' DISTRICT CENTRAL (TH) WEST UNION (LP) SOUTHWEST (BH) COUNTY DODDRIDGE
 SURFACE OWNER JUDY A. HORTON ACREAGE 65.06 ACRES +/-
 OIL & GAS ROYALTY OWNER STELLA MAY ET AL; ANJO INVESTMENTS INC.; HARVEY SMITH; J.W. SMITH; SAMUEL HILEMAN LEASE ACREAGE 125.5 ACRES±; 50 ACRES±; 450 ACRES±; 486 ACRES±; 122 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 7,200' TVD 15,800' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

01/30/2015



PETRA 8/7/2013 2:22:17 PM

Received

OCT 24 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

Antero Resources Corporation

Appalachian Basin
Sheep Run Unit 2H
Doddridge County

Quadrangle: Oxford 7.5'
Watershed: Tributary of Cabin Run
District: Central
Date: 8-7-2013