

LATITUDE 39°15'00"

1,914'

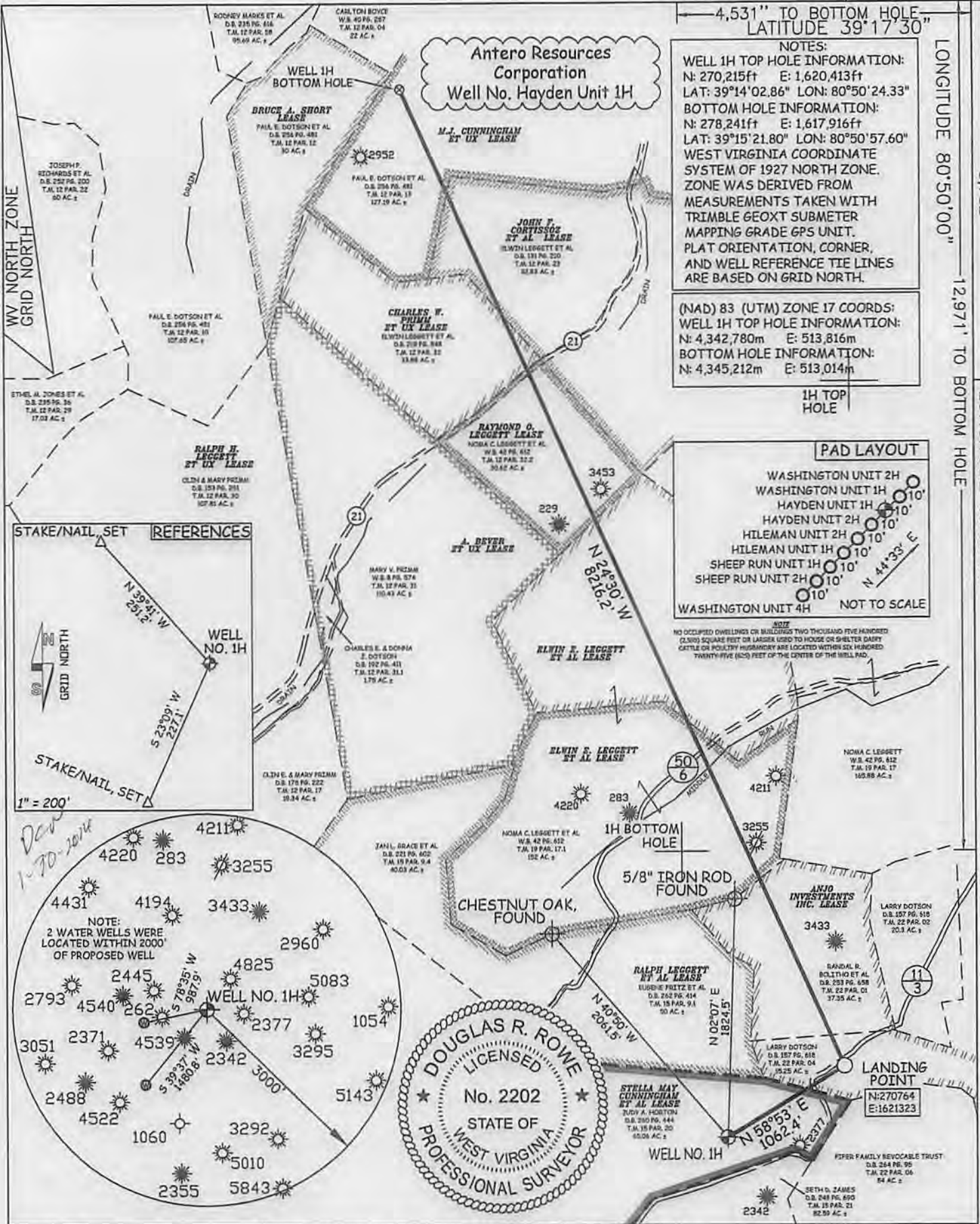
4,531" TO BOTTOM HOLE
LATITUDE 39°17'30"

LONGITUDE 80°50'00"

5,782'

12,971' TO BOTTOM HOLE

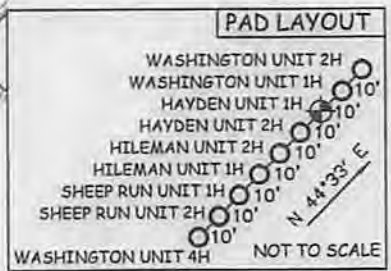
LONGITUDE 80°50'00"



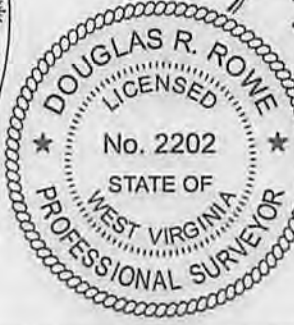
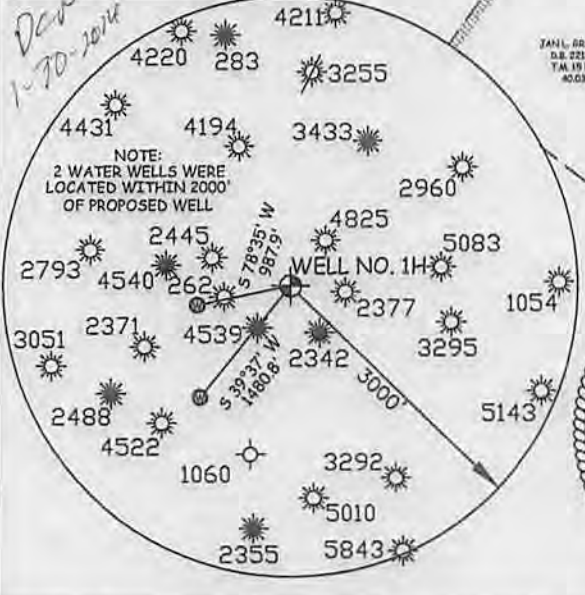
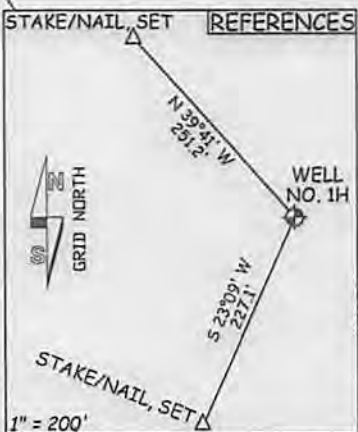
NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 270,215ft E: 1,620,413ft
 LAT: 39°14'02.86" LON: 80°50'24.33"
 BOTTOM HOLE INFORMATION:
 N: 278,241ft E: 1,617,916ft
 LAT: 39°15'21.80" LON: 80°50'57.60"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 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: 4,342,780m E: 513,816m
 BOTTOM HOLE INFORMATION:
 N: 4,345,212m E: 513,014m

1H TOP HOLE



NOTE
 NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER CATTLE, GOATS OR POLYDROMY HUMMINGBIRDS ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



JOB # 13-074WA
 DRAWING # HAYDEN1H
 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 PRESCRIBED 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

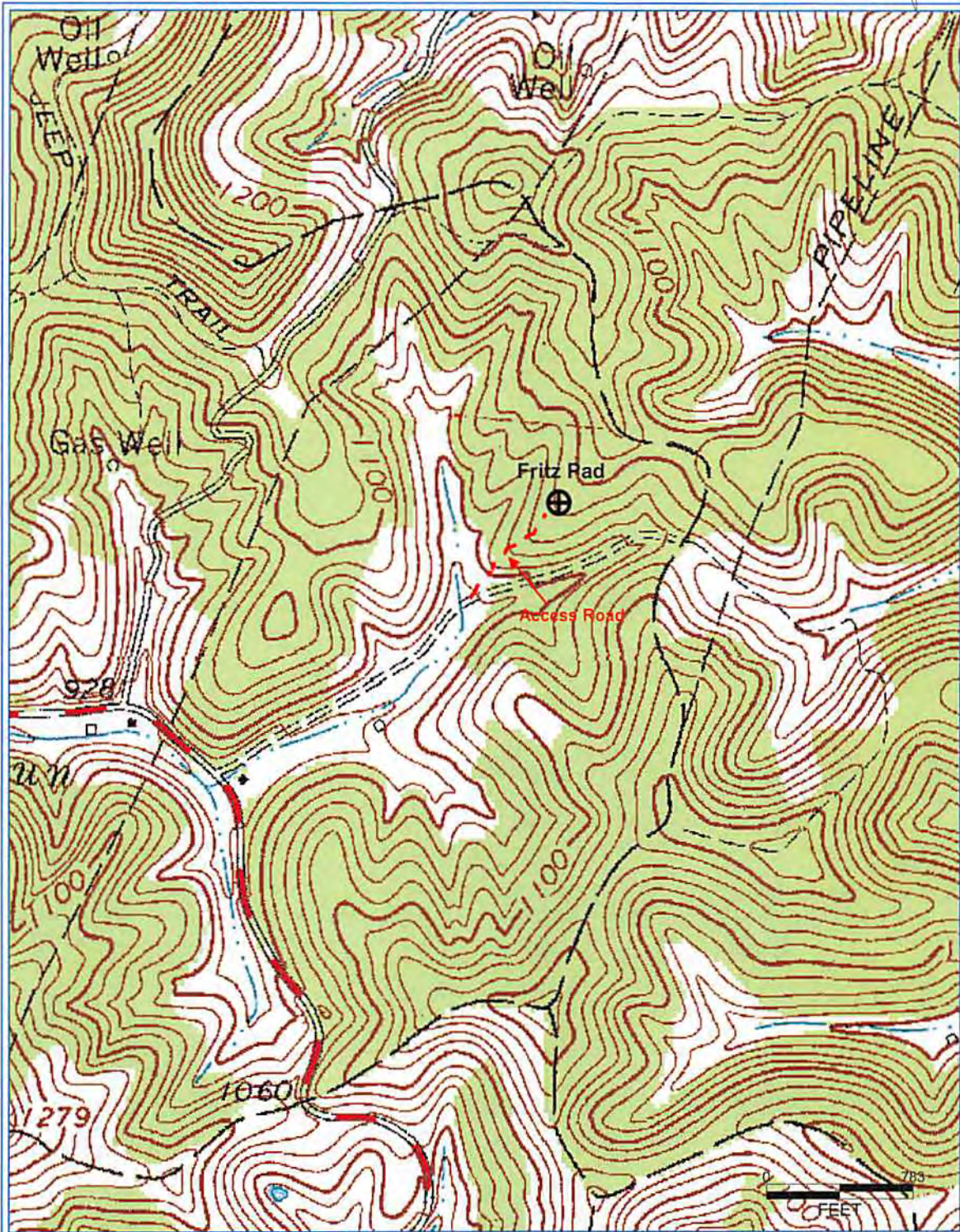
DOUGLAS R. ROWE P.S. 2202
 DATE 01/22/14
 OPERATOR'S WELL# HAYDEN UNIT #1H
 API WELL # 47 - 017 - 06464 H6A
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
 LOCATION: ELEVATION 1,053' WATERSHED TRIBUTARY OF CABIN RUN
 QUADRANGLE OXFORD 7.5' (TOP HOLE) WEST UNION 7.5' (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER JUDY A. HORTON ACREAGE 65.06 ACRES +/-
 OIL & GAS ROYALTY OWNER STELLA MAY CUNNINGHAM ET AL.; ANJO INVESTMENTS INC.; ELWIN E. LEGGETT ET AL.; ELWIN E. LEGGETT ET AL.; RAYMOND O. LEGGETT; CHARLES W. PRIMM ET UX; JOHN F. CORTISSOZ ET AL.; M.J. CUNNINGHAM ET UX
 LEASE ACREAGE 65 ACRES+; 50 ACRES+; 79 ACRES+; 71 ACRES+; 30 ACRES+; 34 ACRES+; 79.5 ACRES+; 228 ACRES+
 PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
 (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 16,300' MD
 DIANNA STAMPER
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

03/14/2014

4701706464

plot spotted



PETRA 8/7/2013 3:22:17 PM

*DCW
1-30-2014*

Antero Resources Corporation

Appalachian Basin

Hayden Unit 1H

Doddridge County

Quadrangle: Oxford

Watershed: Middle Ohio North

District: Central

Date: 8-7-2013

Received

JAN 31 2014