

LATITUDE 39°20'00"

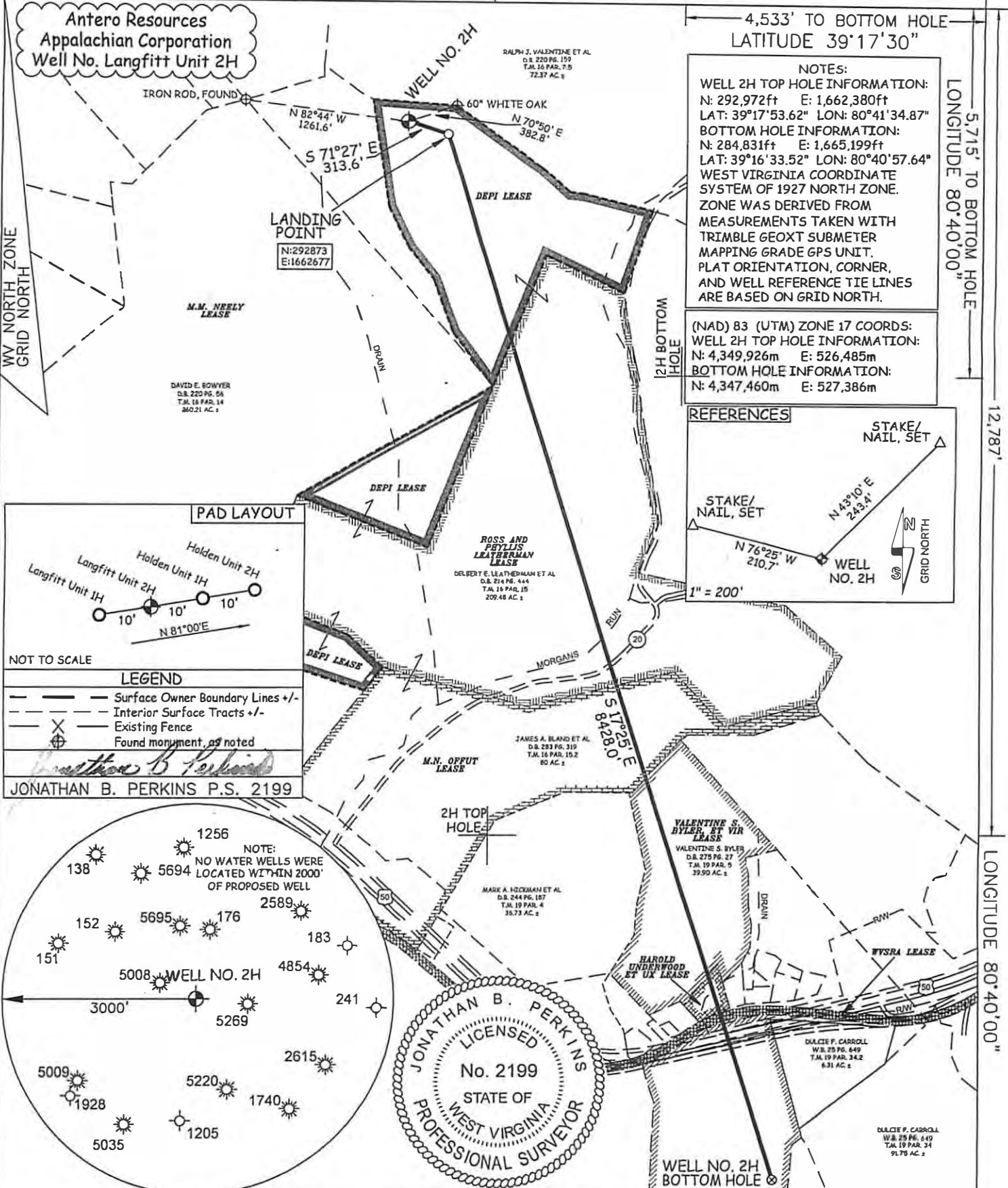
7,458'

4,533' TO BOTTOM HOLE
LATITUDE 39°17'30"

5,715' TO BOTTOM HOLE
LONGITUDE 80°40'00"

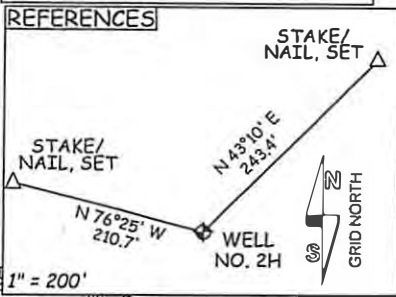
12,787'

LONGITUDE 80°40'00"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 292,972ft E: 1,662,380ft
 LAT: 39°17'53.62" LON: 80°41'34.87"
 BOTTOM HOLE INFORMATION:
 N: 284,831ft E: 1,665,199ft
 LAT: 39°16'33.52" LON: 80°40'57.64"
 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: 4,349,926m E: 526,485m
 BOTTOM HOLE INFORMATION:
 N: 4,347,460m E: 527,386m



PAD LAYOUT

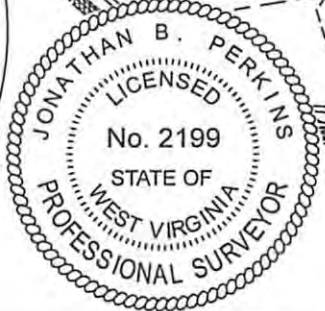
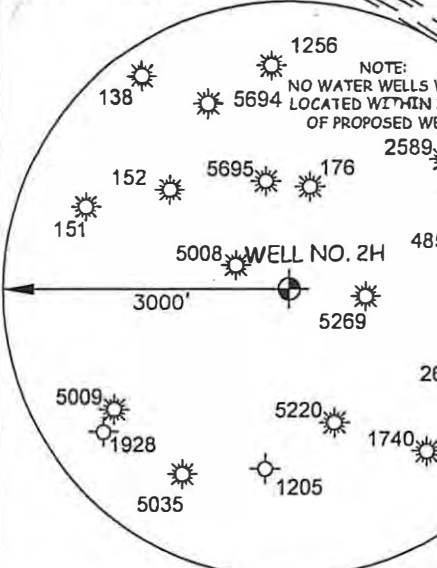
NOT TO SCALE

LEGEND

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

Jonathan B. Perkins

JONATHAN B. PERKINS P.S. 2199



JOB # 12-150WA
 DRAWING # LANGFITTUNITP2H
 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 REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



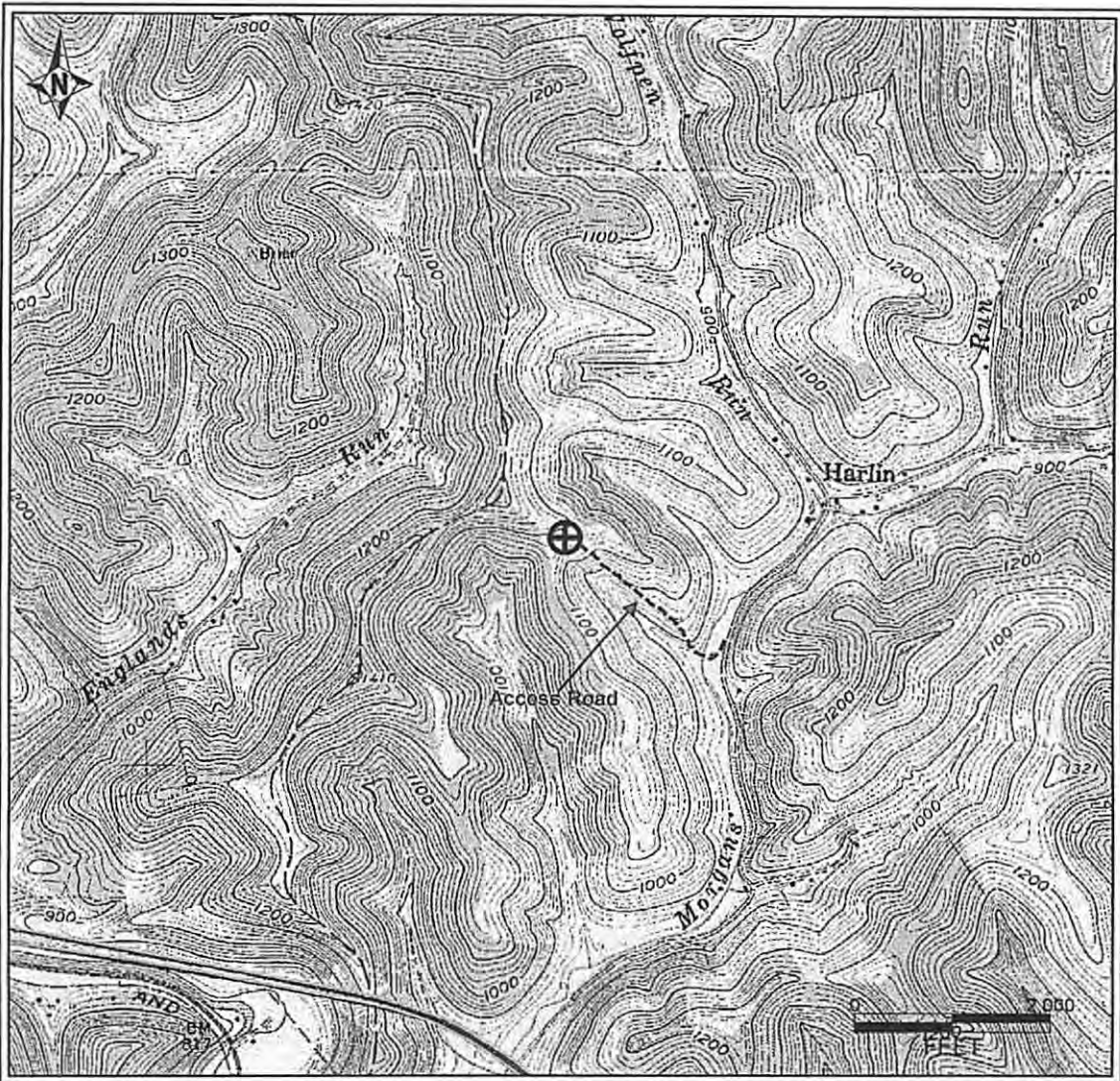
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
 220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

DATE 01/21/13
 OPERATOR'S WELL# LANGFITT UNIT #2H
 API WELL # 47-017-06204
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
 WELL TYPE: OIL ___ GAS X
 (IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1,180' WATERSHED MORGANS RUN
 QUADRANGLE SMITHBURG 7.5 DISTRICT GRANT COUNTY DODDRIDGE
 SURFACE OWNER DELBERT E. LEATHERMAN ET AL ACREAGE 209.48 ACRES +/-
 OIL & GAS ROYALTY OWNER DEPI; ROSS & PHYLLIS LEATHERMAN; LEASE ACREAGE 71 ACRES±; 150 ACRES±; M.N. OFFUT; VALENTINE S. BYLER ET VIR; HAROLD UNDERWOOD ET UX; WVSRA; GEORGE CINCI ET AL 204 ACRES±; 39.9 ACRES±; 1.8 ACRES±; 301.19 ACRES±; 187.5 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 17,500' MD
 WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

04/12/2013



PETRA 11/29/2012 3:57:38 PM

Antero Resources Corporation
APPALACHIAN BASIN
Langfitt Unit 2H Doddridge County
REMARKS QUADRANGLE: SMITHBURG WATERSHED: BUCKEYE CREEK DISTRICT: GRANT
Date: 11/30/12

17-06204 H6A LANGFITT UNIT 2H
ANTERO RESOURCES CORP

PAD NAME: DELBERT LEATHERMAN

011-3101 and G-5
 JAN 31 2013
 WV Dept. of State
 ER...