

LATITUDE 39°20'00"

9,464'

6,623' TO BOTTOM HOLE  
LATITUDE 39°20'00"

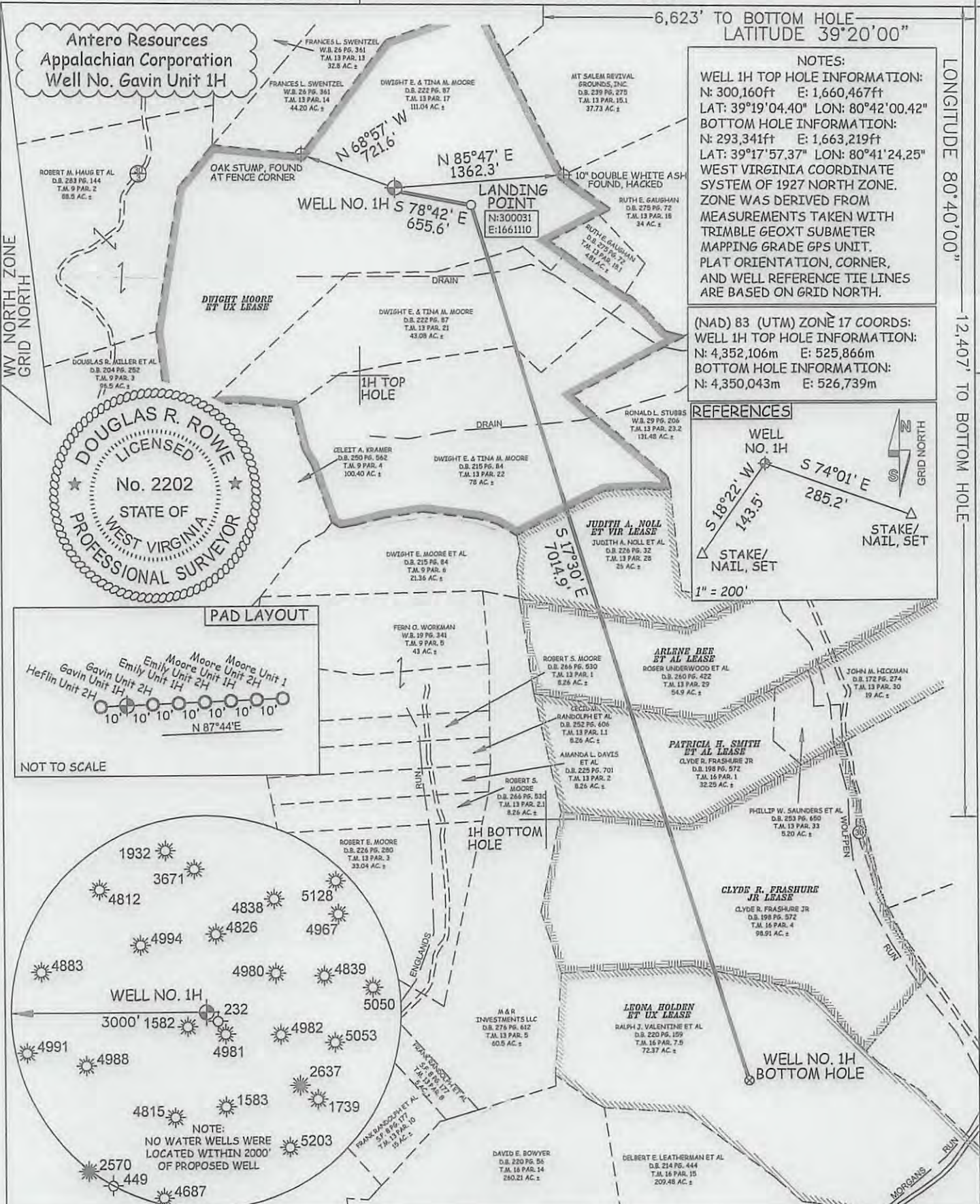
LONGITUDE 80°40'00"

12,407' TO BOTTOM HOLE

LONGITUDE 80°40'00"

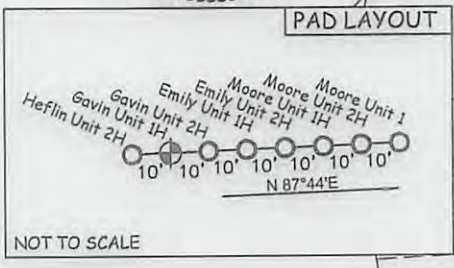
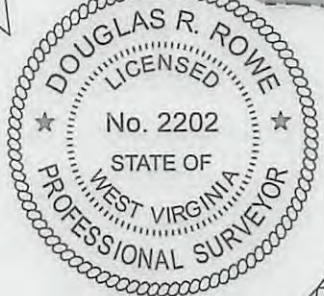
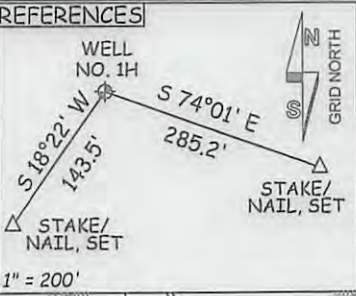
5,626'

LONGITUDE 80°40'00"



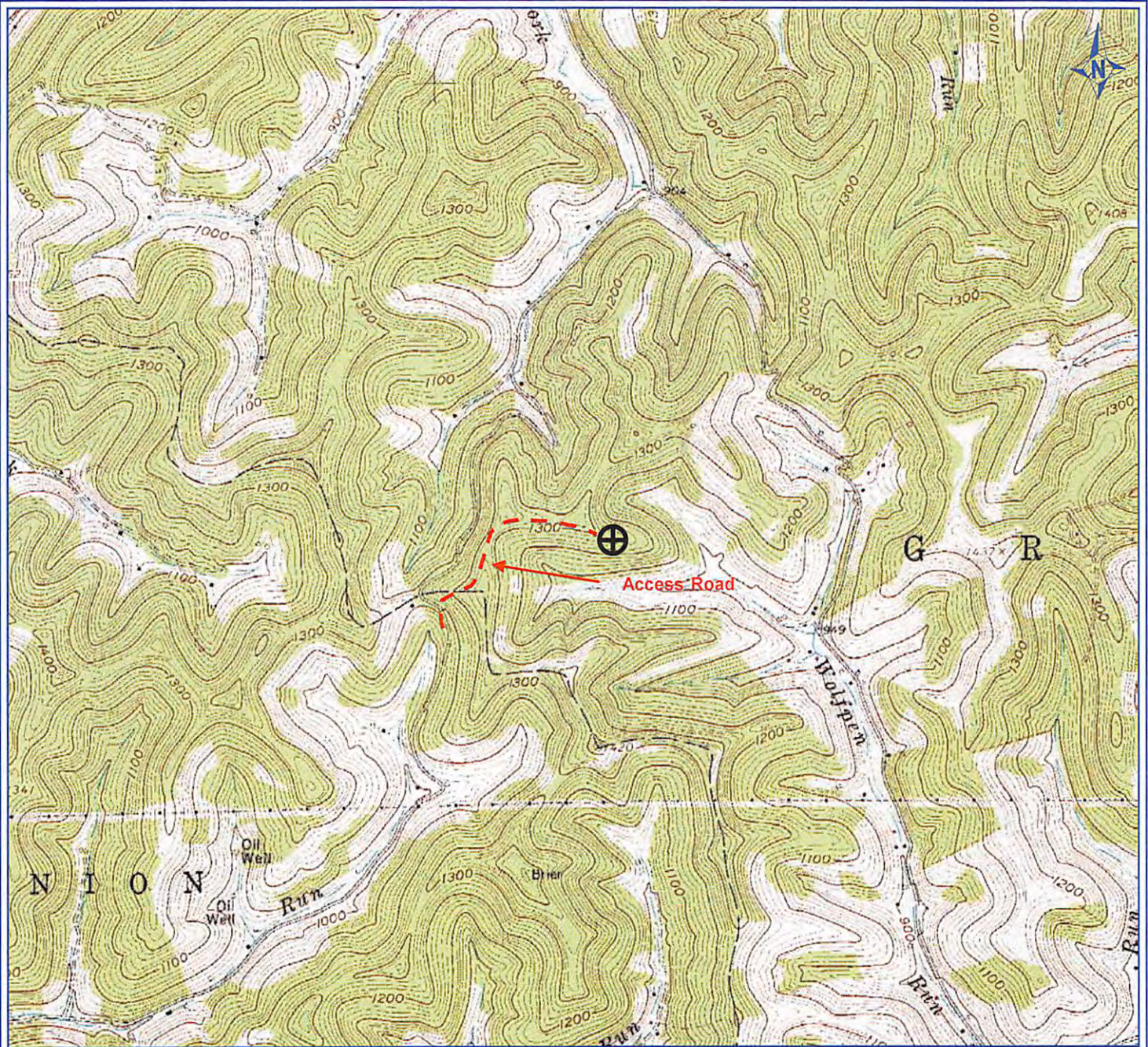
**NOTES:**  
**WELL 1H TOP HOLE INFORMATION:**  
 N: 300,160ft E: 1,660,467ft  
 LAT: 39°19'04.40" LON: 80°42'00.42"  
**BOTTOM HOLE INFORMATION:**  
 N: 293,341ft E: 1,663,219ft  
 LAT: 39°17'57.37" LON: 80°41'24.25"  
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS 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: 4,352,106m E: 525,866m  
**BOTTOM HOLE INFORMATION:**  
 N: 4,350,043m E: 526,739m



JOB # 12-114WA DRAWING # GAVINUNIT1HR1 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 PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.	<b>LEGEND</b> - Surface Owner Boundary Lines +/- - Interior Surface Tracts +/- - Existing Fence - Found monument, as noted
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS WELL TYPE: OIL GAS <input checked="" type="checkbox"/> LIQUID INJECTION WASTE DISPOSAL (IF "GAS") PRODUCTION <input checked="" type="checkbox"/> STORAGE DEEP SHALLOW <input checked="" type="checkbox"/> LOCATION: ELEVATION 1,237' WATERSHED WOLFPEN RUN QUADRANGLE SMITHBURG 7.5' DISTRICT GRANT COUNTY DODDRIDGE	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 05/01/13 OPERATOR'S WELL# GAVIN UNIT #1H API WELL # 47 - 017 - 62.81 HGA STATE COUNTY PERMIT
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. ADDRESS 1625 17TH STREET DENVER, CO 80202	DESIGNATED AGENT ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313	DIANNA STAMPER CT CORPORATION SYSTEM





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Received  
Office of Oil & Gas

MAY 15 2013

### Antero Resources Corporation

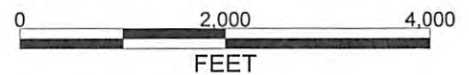
APPALACHIAN BASIN

Gavin Unit 1H

Doddridge County

REMARKS

QUADRANGLE: SMITHBURG  
WATERSHED: WOLFPEN RUN  
DISTRICT: GRANT



July 11, 2012