

LATITUDE 39°17'30"

6,897' TO TOP HOLE

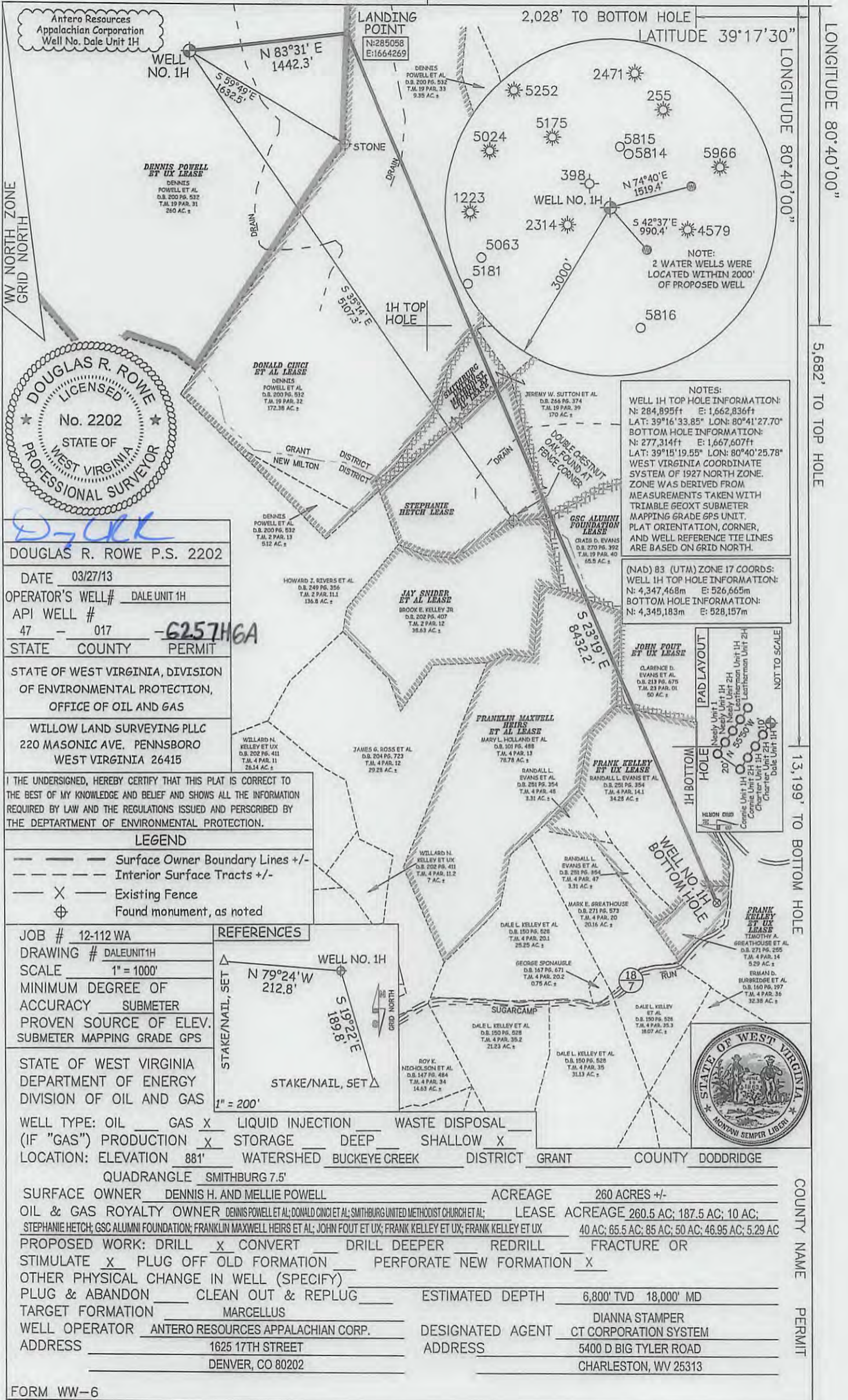
2,028' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°40'00"

5,682' TO TOP HOLE

13,199' TO BOTTOM HOLE



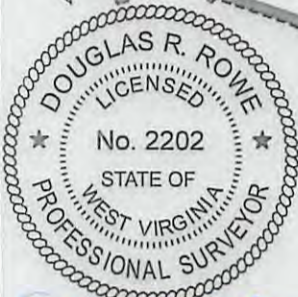
Antero Resources  
Appalachian Corporation  
Well No. Dale Unit 1H

DENNIS POWELL  
ET AL LEASE  
DENNIS  
POWELL ET AL  
D.B. 200 PG. 532  
T.M. 19 PAR. 31  
260 AC. ±

DONALD CINCI  
ET AL LEASE  
DENNIS  
POWELL ET AL  
D.B. 200 PG. 532  
T.M. 19 PAR. 32  
172.38 AC. ±

LANDING POINT  
N:285058  
E:1664269

DENNIS POWELL ET AL  
D.B. 200 PG. 532  
T.M. 19 PAR. 33  
9.35 AC. ±



DOUGLAS R. ROWE P.S. 2202

DATE 03/27/13

OPERATOR'S WELL# DALE UNIT 1H

API WELL # 47 - 017 - 6257H6A

STATE COUNTY PERMIT

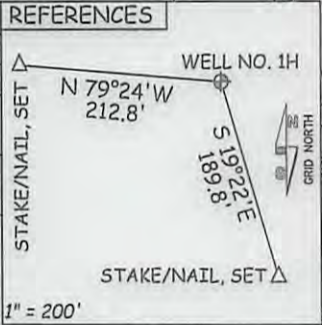
STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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

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.

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

JOB # 12-112 WA  
DRAWING # DALEUNIT1H  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS



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 881' WATERSHED BUCKEYE CREEK DISTRICT GRANT COUNTY DODDRIDGE

QUADRANGLE SMITHBURG 7.5'

SURFACE OWNER DENNIS H. AND MELLIE POWELL ACREAGE 260 ACRES +/-

OIL & GAS ROYALTY OWNER DENNIS POWELL ET AL; DONALD CINCI ET AL; SMITHBURG UNITED METHODIST CHURCH ET AL; LEASE ACREAGE 260.5 AC; 187.5 AC; 10 AC; STEPHANIE HETCH; GSC ALUMNI FOUNDATION; FRANKLIN MAXWELL HEIRS ET AL; JOHN FOUT ET UX; FRANK KELLEY ET UX; FRANK KELLEY ET UX 40 AC; 65.5 AC; 85 AC; 50 AC; 46.95 AC; 5.29 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 6,800' TVD 18,000' MD

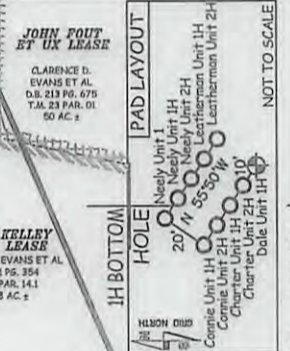
TARGET FORMATION MARCELLUS

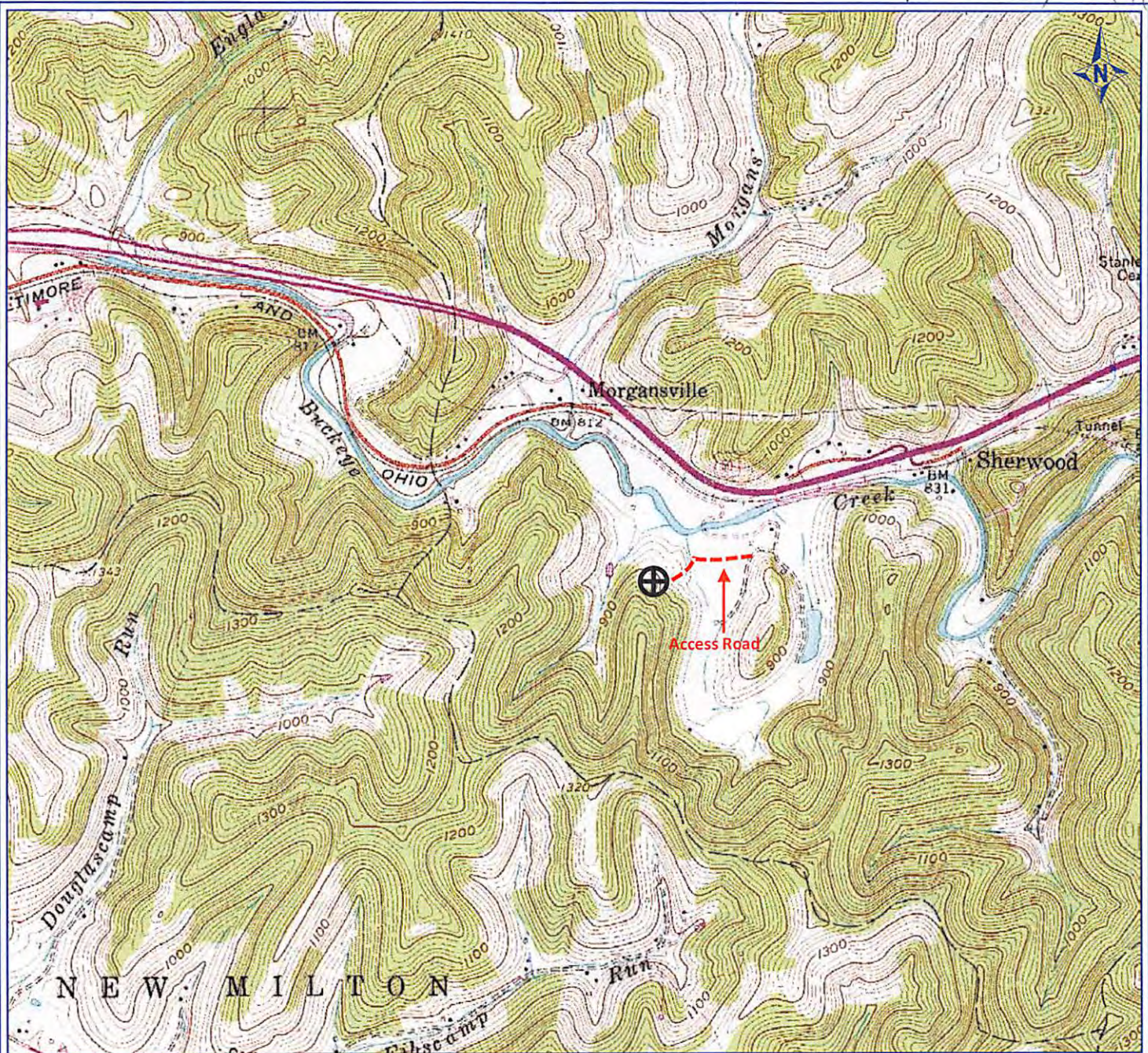
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER

ADDRESS 1625 17TH STREET DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

**NOTES:**  
WELL 1H TOP HOLE INFORMATION:  
N: 284,895ft E: 1,662,836ft  
LAT: 39°16'33.85" LON: 80°41'27.70"  
BOTTOM HOLE INFORMATION:  
N: 277,314ft E: 1,667,607ft  
LAT: 39°15'19.55" LON: 80°40'25.78"  
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: 4,347,468m E: 526,665m  
BOTTOM HOLE INFORMATION:  
N: 4,345,183m E: 528,157m





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### Antero Resources Corporation

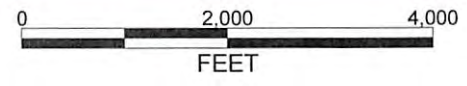
APPALACHIAN BASIN

Dale Unit 1H

Doddridge County

REMARKS

QUADRANGLE: SMITHBURG  
WATERSHED: BUCKEYE CREEK  
DISTRICT: GRANT



March 1, 2012