

LATITUDE 39°15'00"

6,306'

9,932' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°52'30"

4,263'

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

LONGITUDE 80°52'30"

Antero Resources Corporation  
Well No. Caldwell Unit 2H  
A.P.I. #47-085-10190

NOTE:  
NO WATER WELLS WERE  
LOCATED WITHIN 2000'  
OF PROPOSED WELL

47-085-10190  
WELL NO. 2H

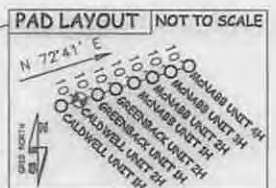
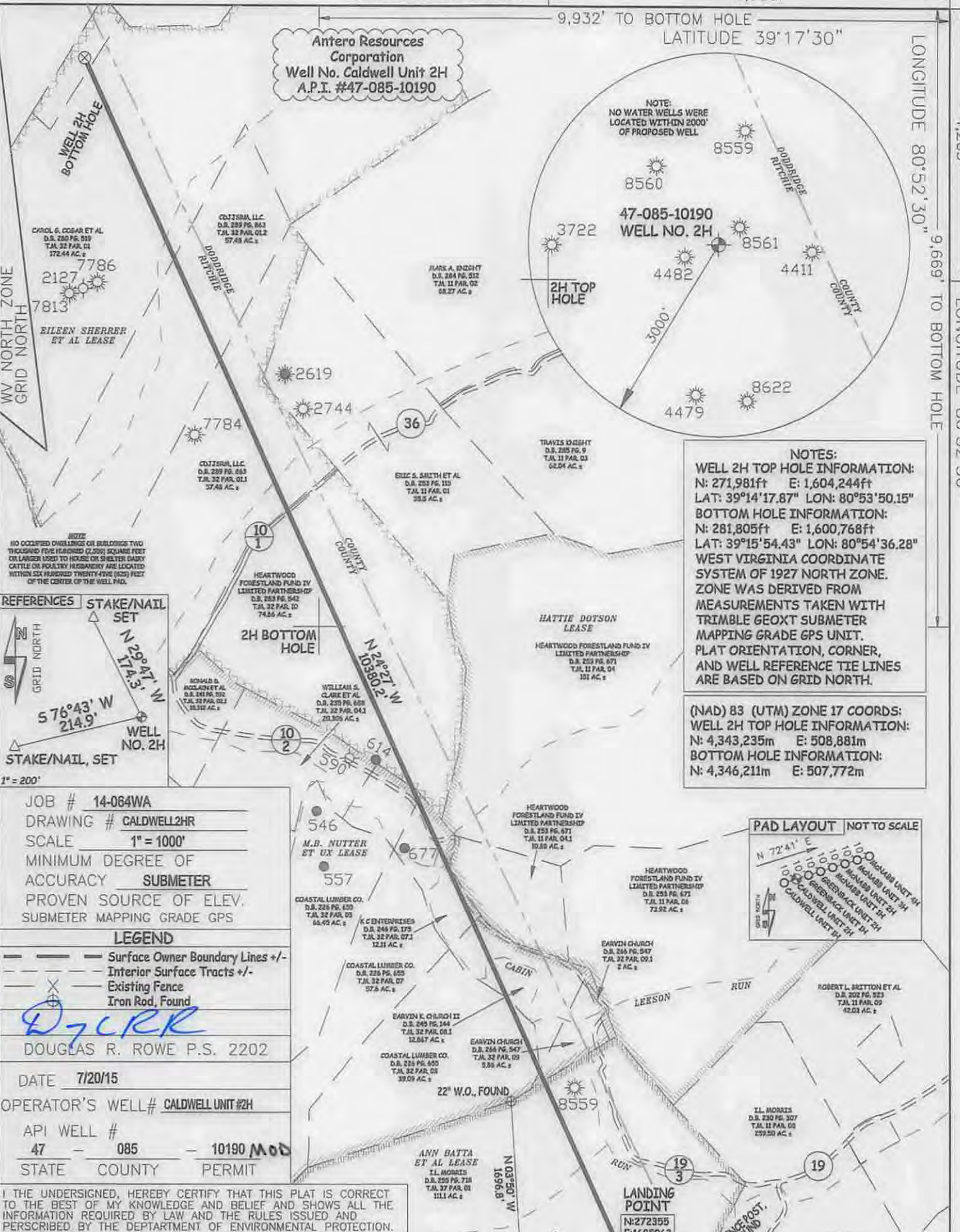
2H TOP HOLE

3000'

2H BOTTOM HOLE

NOTES:  
WELL 2H TOP HOLE INFORMATION:  
N: 271,981ft E: 1,604,244ft  
LAT: 39°14'17.87" LON: 80°53'50.15"  
BOTTOM HOLE INFORMATION:  
N: 281,805ft E: 1,600,768ft  
LAT: 39°15'54.43" LON: 80°54'36.28"  
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: 4,343,235m E: 508,881m  
BOTTOM HOLE INFORMATION:  
N: 4,346,211m E: 507,772m

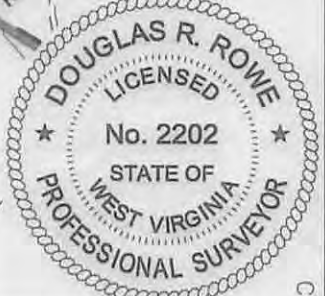


JOB # 14-064WA  
DRAWING # CALDWELL2HR  
SCALE 1" = 1000'  
MINIMUM DEGREE OF ACCURACY SUBMETER  
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS  
LEGEND  
- - - Surface Owner Boundary Lines +/-  
- - - Interior Surface Tracts +/-  
- - - Existing Fence  
- - - Iron Rod, Found  
DOUGLAS R. ROWE P.S. 2202  
DATE 7/20/15  
OPERATOR'S WELL# CALDWELL UNIT #2H  
API WELL # 47 - 085 - 10190 Mod  
STATE COUNTY PERMIT

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



STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS  
WELL TYPE: OIL GAS  LIQUID INJECTION WASTE DISPOSAL  
(IF "GAS") PRODUCTION  STORAGE DEEP SHALLOW   
LOCATION: ELEVATION 1,128' (ORIGINAL) - 1,099' (PROPOSED) WATERSHED NORTH FORK HUGHES RIVER  
QUADRANGLE PULLMAN 7.5' (TH) PENNSBORO 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE  
SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 235.03 ACRES +/-  
OIL & GAS ROYALTY OWNER WM. VANCAMPEN; ANN BATTA ET AL; M.B. NUTTER ET UX; LEASE ACREAGE 312 AC±; 111 AC±; 400 AC±; EILEEN SHERRER ET AL 500 AC±  
PROPOSED WORK: DRILL CONVERT DRILL DEEPER  REDRILL FRACTURE OR STIMULATE   
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL  
(SPECIFY) MOD-BHL PLUG & ABANDON CLEAN OUT & REPLUG  
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,800' 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

08/14/2015