

LATITUDE 39°22'30"

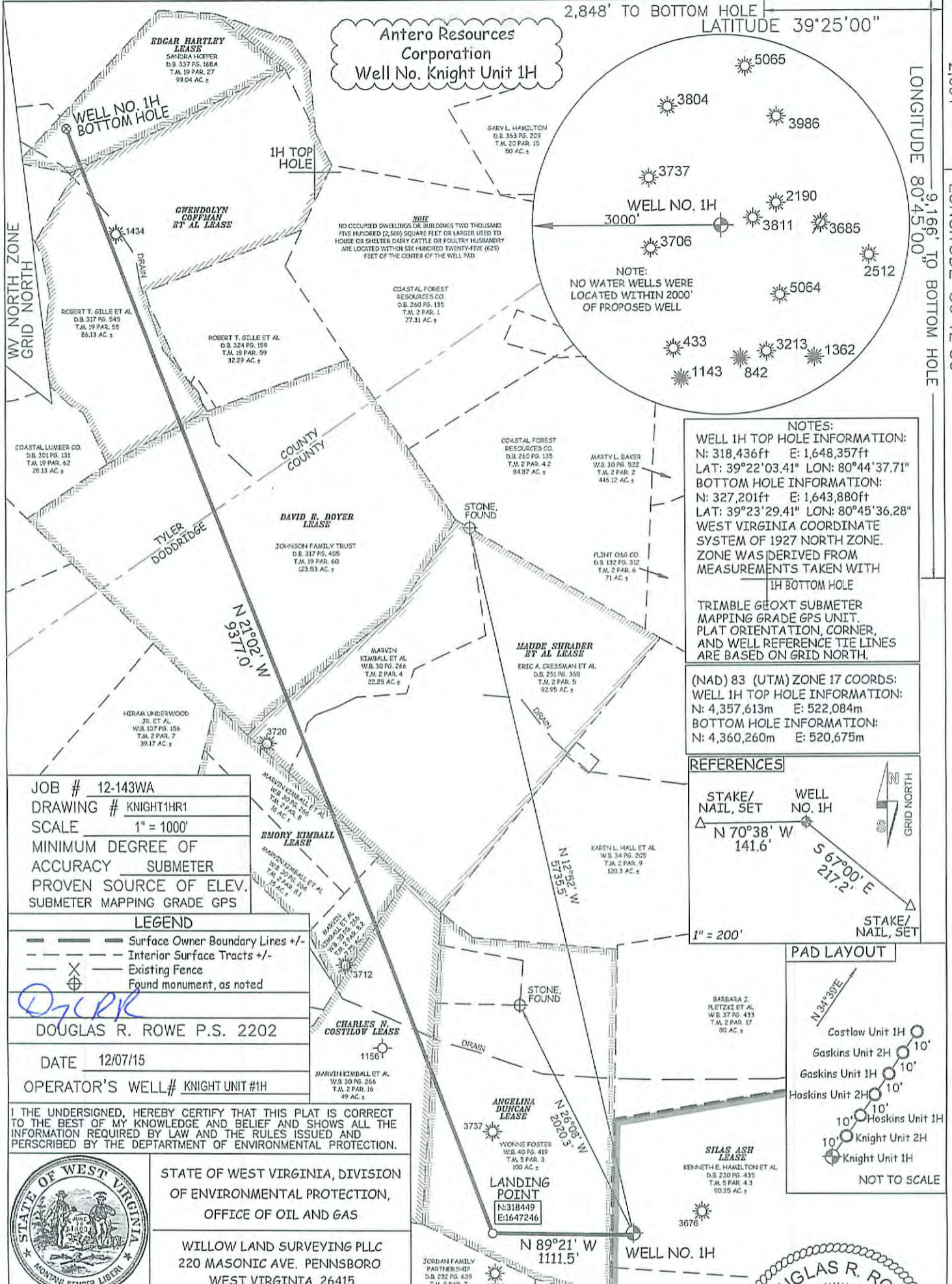
10,029'

2,848' TO BOTTOM HOLE

LATITUDE 39°25'00"

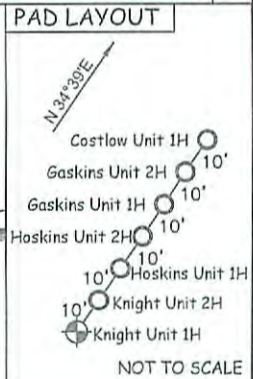
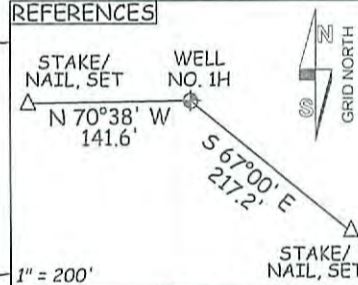
LONGITUDE 80°45'00" LONGITUDE 80°42'30"

Antero Resources Corporation Well No. Knight Unit 1H



NOTES:
WELL 1H TOP HOLE INFORMATION:
 N: 318,436ft E: 1,648,357ft
 LAT: 39°22'03.41" LON: 80°44'37.71"
BOTTOM HOLE INFORMATION:
 N: 327,201ft E: 1,643,880ft
 LAT: 39°23'29.41" LON: 80°45'36.28"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH 1H BOTTOM HOLE 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: 4,357,613m E: 522,084m
BOTTOM HOLE INFORMATION:
 N: 4,360,260m E: 520,675m



JOB # 12-143WA
 DRAWING # KNIGHT1HR1
 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
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 12/07/15
 OPERATOR'S WELL# KNIGHT UNIT #1H

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 DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

API WELL # 47 - 017 - 06401

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION ORIG 1,171' - PROPOSED 1,157' WATERSHED McELROY CREEK
 QUADRANGLE SMITHBURG 7.5 (TH) SHIRLEY 7.5 (BH) DISTRICT GRANT COUNTY DODDRIDGE
 SURFACE OWNER KENNETH E. HAMILTON ET AL ACREAGE 90.35 ACRES +/-
 OIL & GAS ROYALTY OWNER SILAS ASH; ANGELINA DUNCAN; CHARLES N. COSTILOW; EMORY KIMBALL; MAUDE SHRADER ET AL; DAVID E. BOYER; GWENDOLYN COFFMAN ET AL; EDGAR HARTLEY
 LEASE ACREAGE 120 ACRES±; 100 ACRES±; 46.411 ACRES±; 38.75 ACRES±; 114.5 ACRES±; 102.48 ACRES±; 88.13 ACRES±; 30 ACRES±

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

TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 17,200' MD

WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
 ADDRESS 1615 WYNKOOP STREET ADDRESS CT CORPORATION SYSTEM
 FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

DOUGLAS R. ROWE LICENSED No. 2202 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR
 12/11/2015

COUNTY NAME PERMIT