

LATITUDE 39°22'30"

10,029'

2,670' TO BOTTOM HOLE

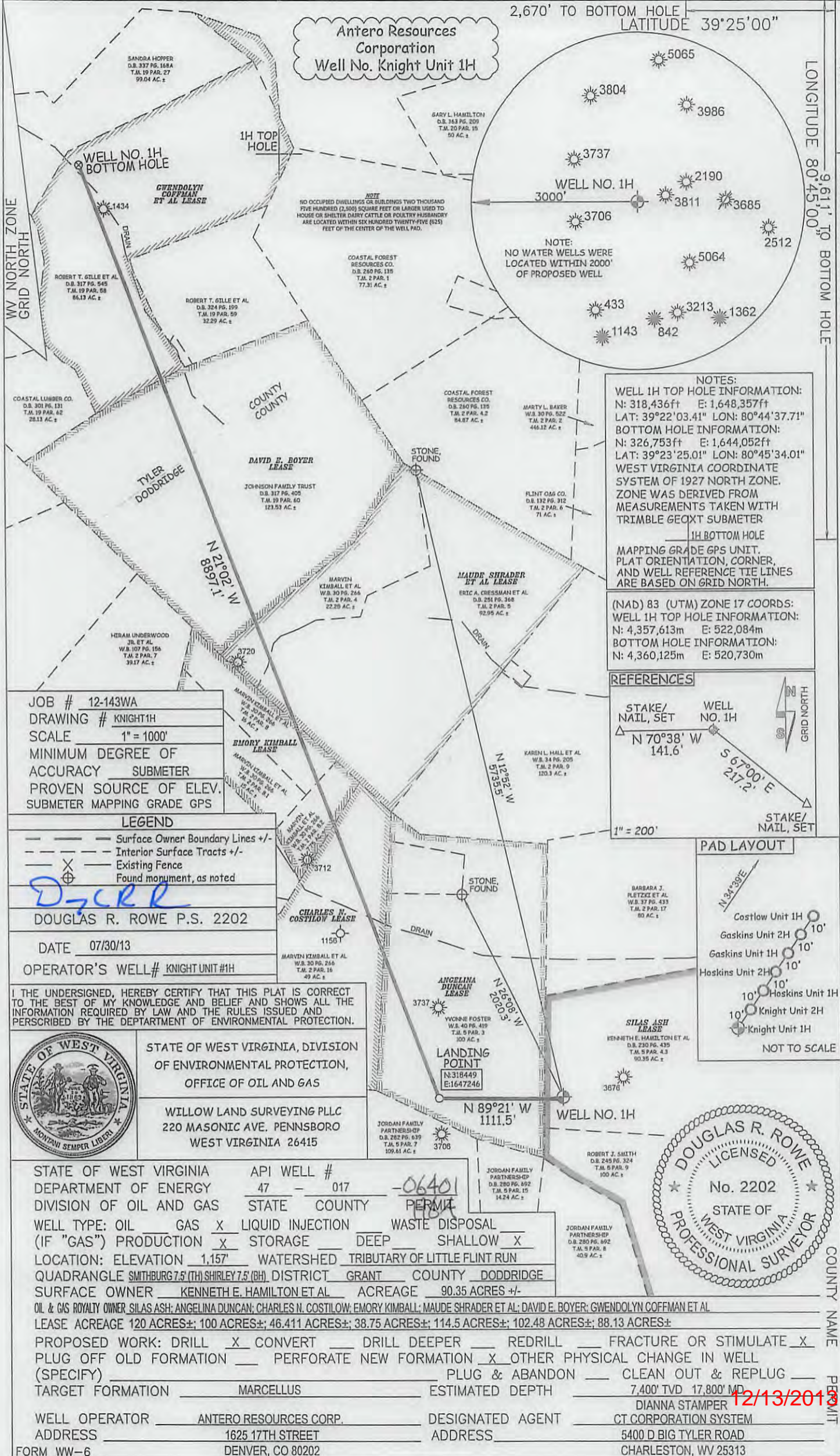
LATITUDE 39°25'00"

LONGITUDE 80°45'00"

LONGITUDE 80°42'30"

WV NORTH ZONE
GRID NORTH

Antero Resources Corporation
Well No. Knight Unit 1H

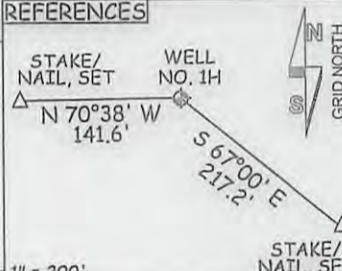


NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

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

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: 326,753ft E: 1,644,052ft
LAT: 39°23'25.01" LON: 80°45'34.01"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,357,613m E: 522,084m
BOTTOM HOLE INFORMATION:
N: 4,360,125m E: 520,730m



JOB # 12-143WA
DRAWING # KNIGHT1H
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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

DOUGLAS R. ROWE P.S. 2202
DATE 07/30/13
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

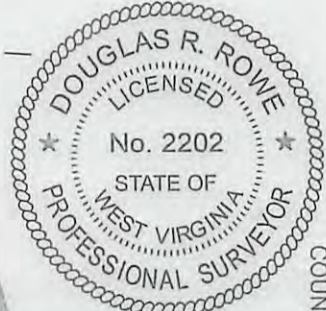
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415

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 1,157' WATERSHED TRIBUTARY OF LITTLE FLINT RUN
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

LEASE ACREAGE 120 ACRES±; 100 ACRES±; 46.411 ACRES±; 38.75 ACRES±; 114.5 ACRES±; 102.48 ACRES±; 88.13 ACRES±
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 17,800' MD

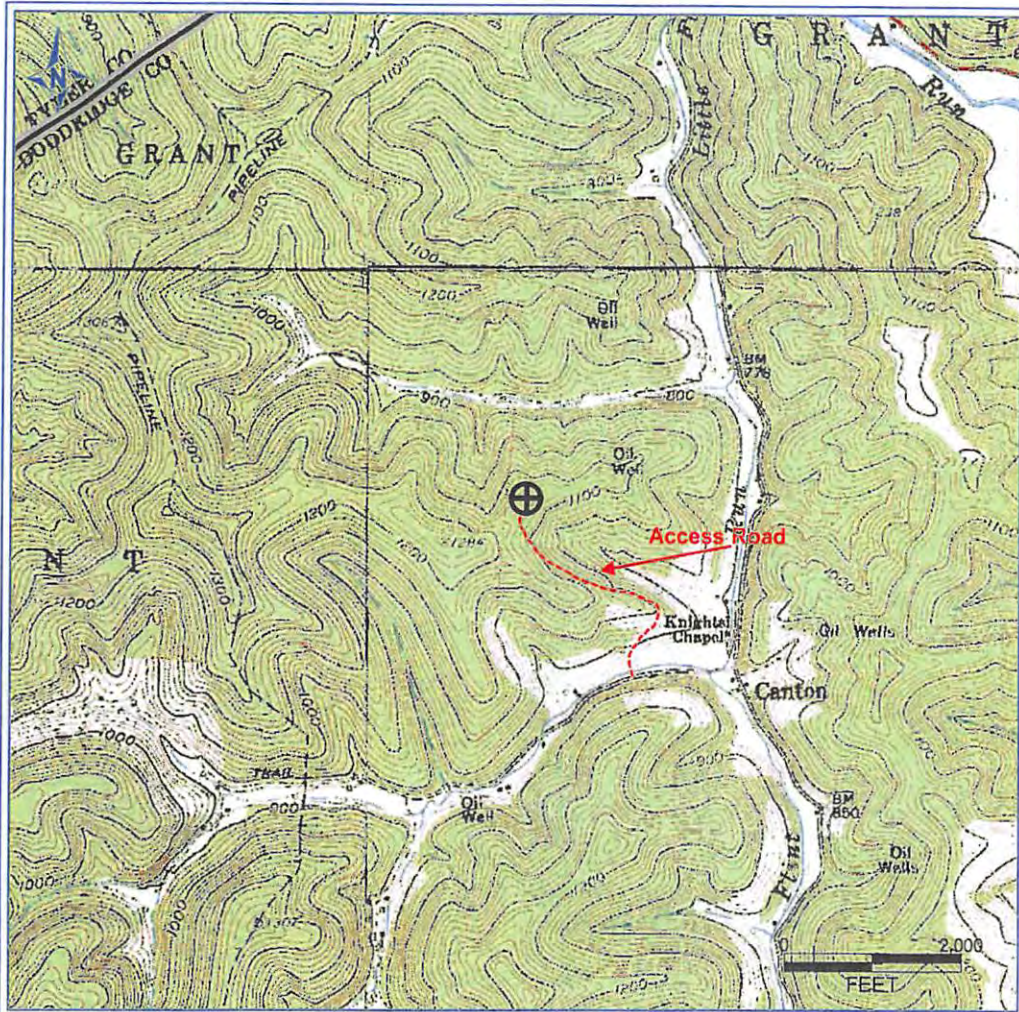
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313



12/13/2013

COUNTY NAME PERMIT

Plat spotted 17-06401



PETRA 11/29/2012 4:01:32 PM

DCN
10-23-2013

Antero Resources Corporation
APPALACHIAN BASIN
Knight Unit 1H
Doddridge County
0 2,000 4,000 FEET
REMARKS QUADRANGLE: SMITHBURG WATERSHED: TRIBUTARY OF LITTLE FLINT RUN DISTRICT: GRANT
Date: 12/05/2012