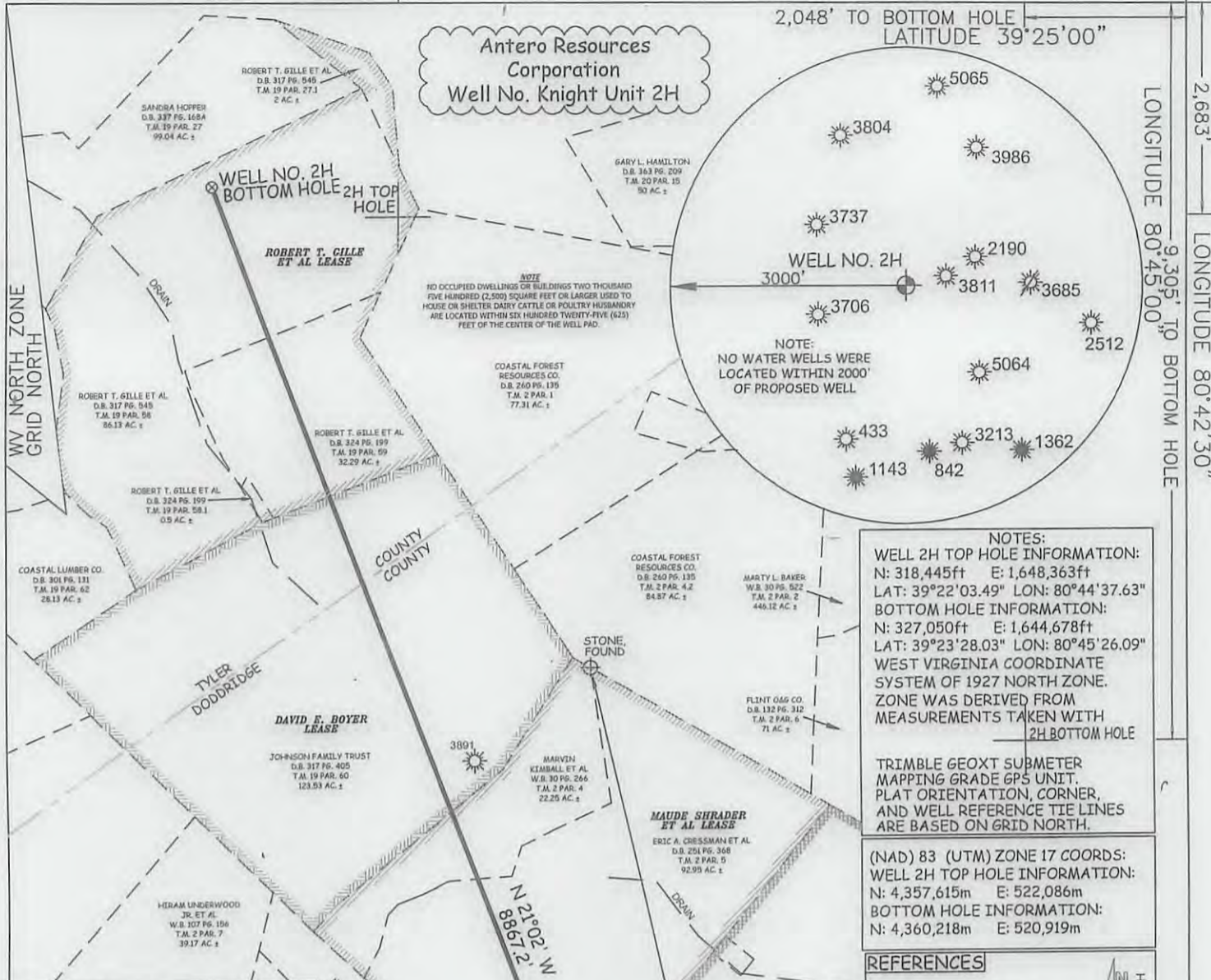


LATITUDE 39°22'30"

10,024'

2,048' TO BOTTOM HOLE
LATITUDE 39°25'00"

Antero Resources Corporation Well No. Knight Unit 2H



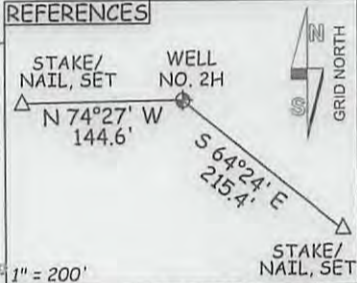
NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2,500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

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

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 318,445ft E: 1,648,363ft
LAT: 39°22'03.49" LON: 80°44'37.63"
BOTTOM HOLE INFORMATION:
N: 327,050ft E: 1,644,678ft
LAT: 39°23'28.03" LON: 80°45'26.09"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH 2H BOTTOM HOLE

TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

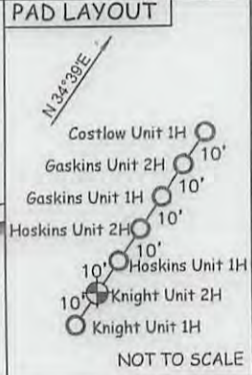
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 4,357,615m E: 522,086m
BOTTOM HOLE INFORMATION:
N: 4,360,218m E: 520,919m



JOB # 12-143WA
DRAWING # KNIGHT2H
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 11/01/13
OPERATOR'S WELL # KNIGHT UNIT #2H



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

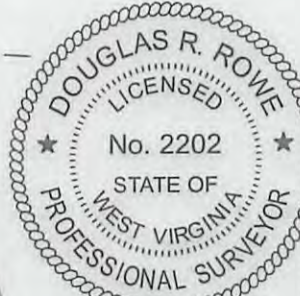
API WELL # 47 - 017 - 06417 HGA
STATE COUNTY PERMIT

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 +/-

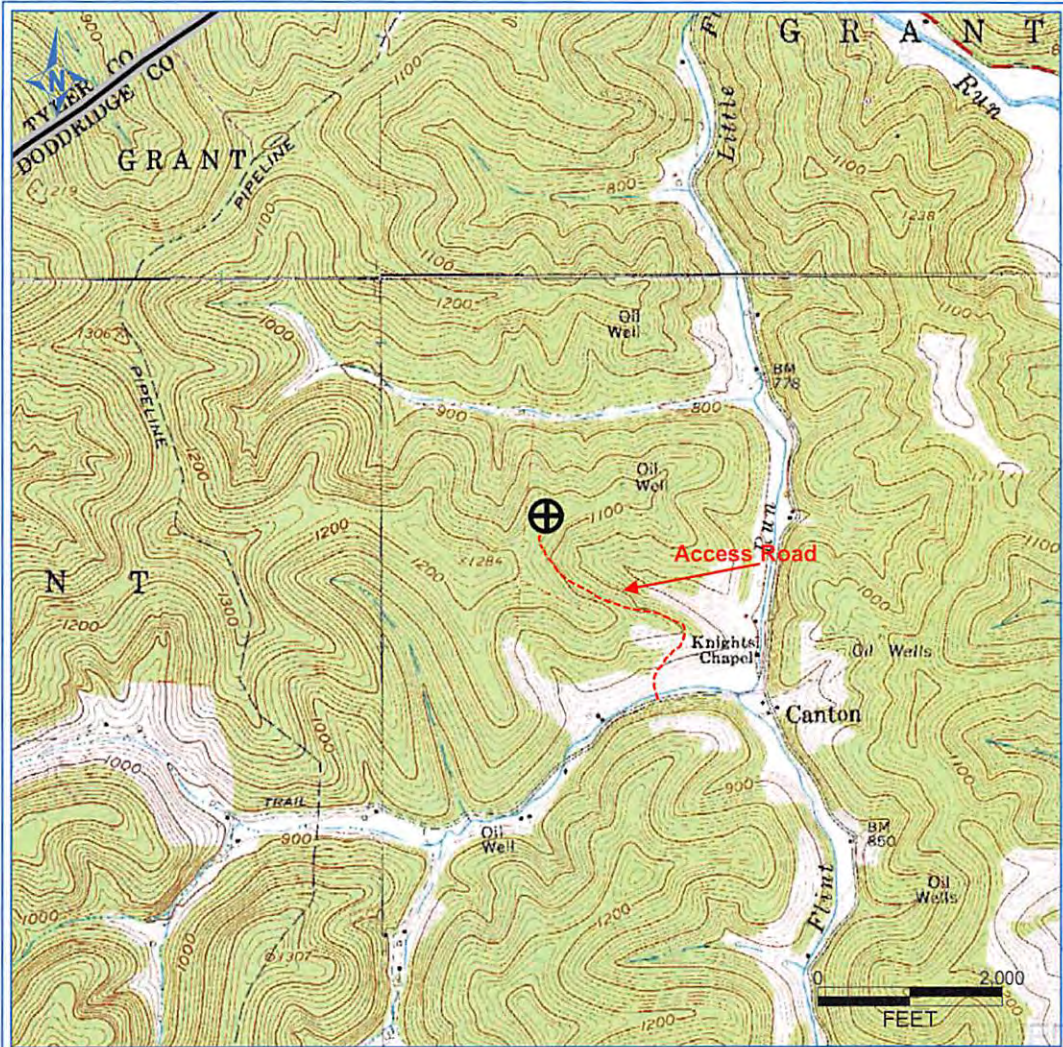
OIL & GAS ROYALTY OWNER SILAS ASH; ANGELINA DUNCAN; BEULAH CAYTON ET AL; MAUDE SHRADER ET AL; DAVID E. BOYER; ROBERT T. GILLE ET AL
LEASE ACREAGE 120 ACRES±; 100 ACRES±; 123.5 ACRES±; 114.5 ACRES±; 102.48 ACRES±; 120.92 ACRES±

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
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,400' TVD 17,500' MD
DIANNA STAMPER
CT CORPORATION SYSTEM

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



Plot spotted



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

Antero Resources Corporation

APPALACHIAN BASIN

Knight Unit 2H
Doddridge County



REMARKS
QUADRANGLE: SMITHBURG
WATERSHED: TRIBUTARY OF LITTLE FLINT RUN
DISTRICT: GRANT

Date: 12/05/2012

017 06417