

LATITUDE 39°22'30"

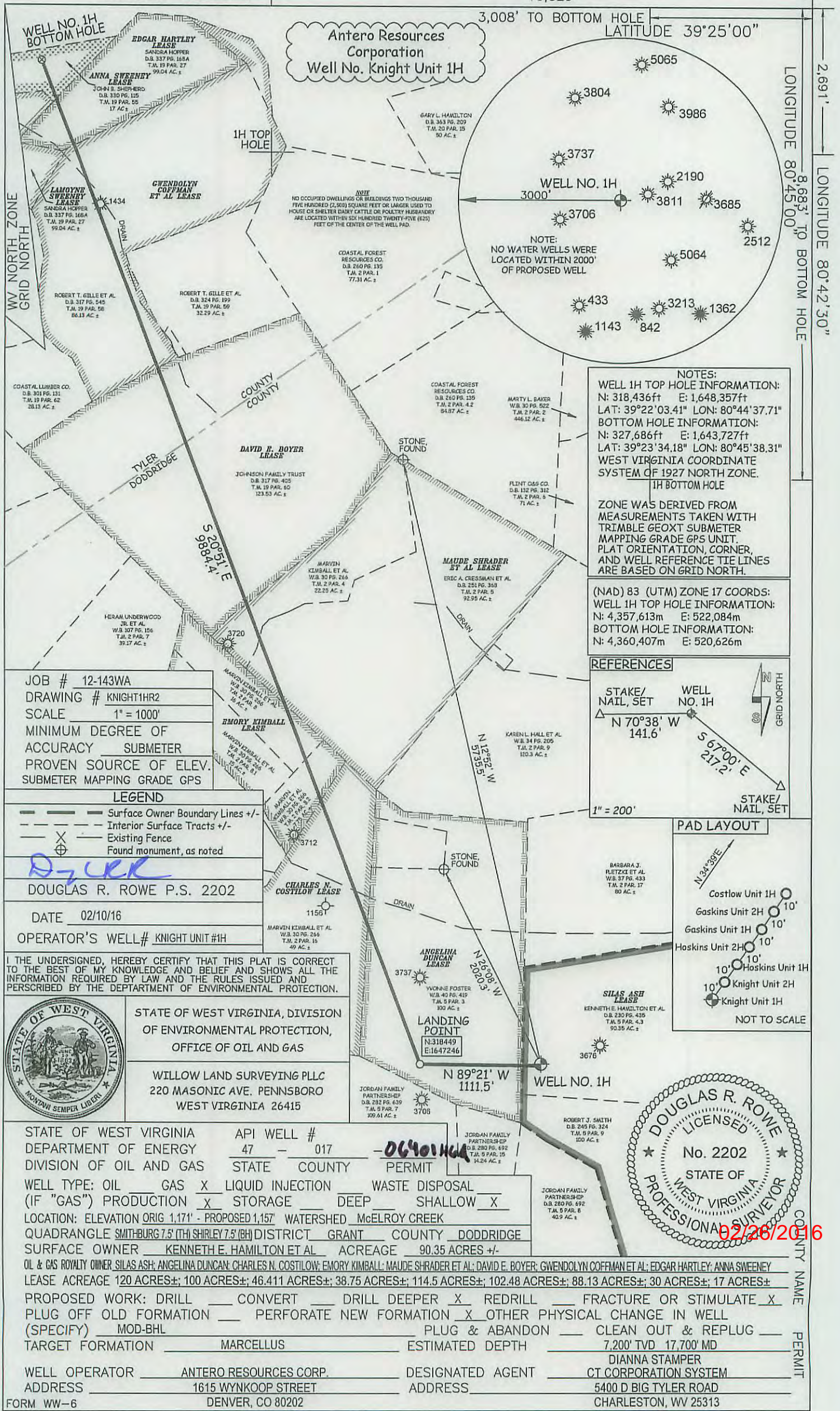
10,029'

3,008' TO BOTTOM HOLE

LATITUDE 39°25'00"

LONGITUDE 80°45'00"

LONGITUDE 80°42'30"

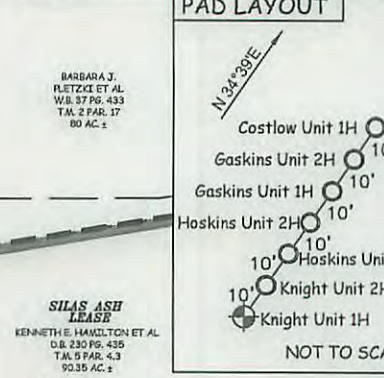
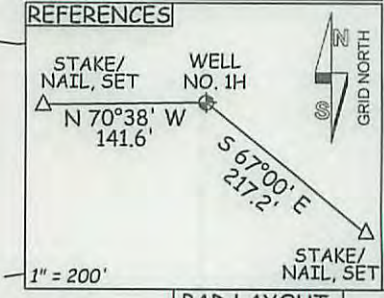


Antero Resources Corporation
Well No. Knight Unit 1H

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: 327,686ft E: 1,643,727ft
LAT: 39°23'34.18" LON: 80°45'38.31"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
1H BOTTOM HOLE

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: 4,357,613m E: 522,084m
BOTTOM HOLE INFORMATION:
N: 4,360,407m E: 520,626m



JOB # 12-143WA
DRAWING # KNIGHT1HR2
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 02/10/16

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 - 06401114
STATE COUNTY PERMIT
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 SHRAIDER ET AL; DAVID E. BOYER; GWENDOLYN COFFMAN ET AL; EDGAR HARTLEY; ANNA SWEENEY
LEASE ACREAGE 120 ACRES±; 100 ACRES±; 46.411 ACRES±; 38.75 ACRES±; 114.5 ACRES±; 102.48 ACRES±; 88.13 ACRES±; 30 ACRES±; 17 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 PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 7,200' TVD 17,700' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313



02/28/2016