

LATITUDE 39°20'00"

8,007'

6,291' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 81°00'00"

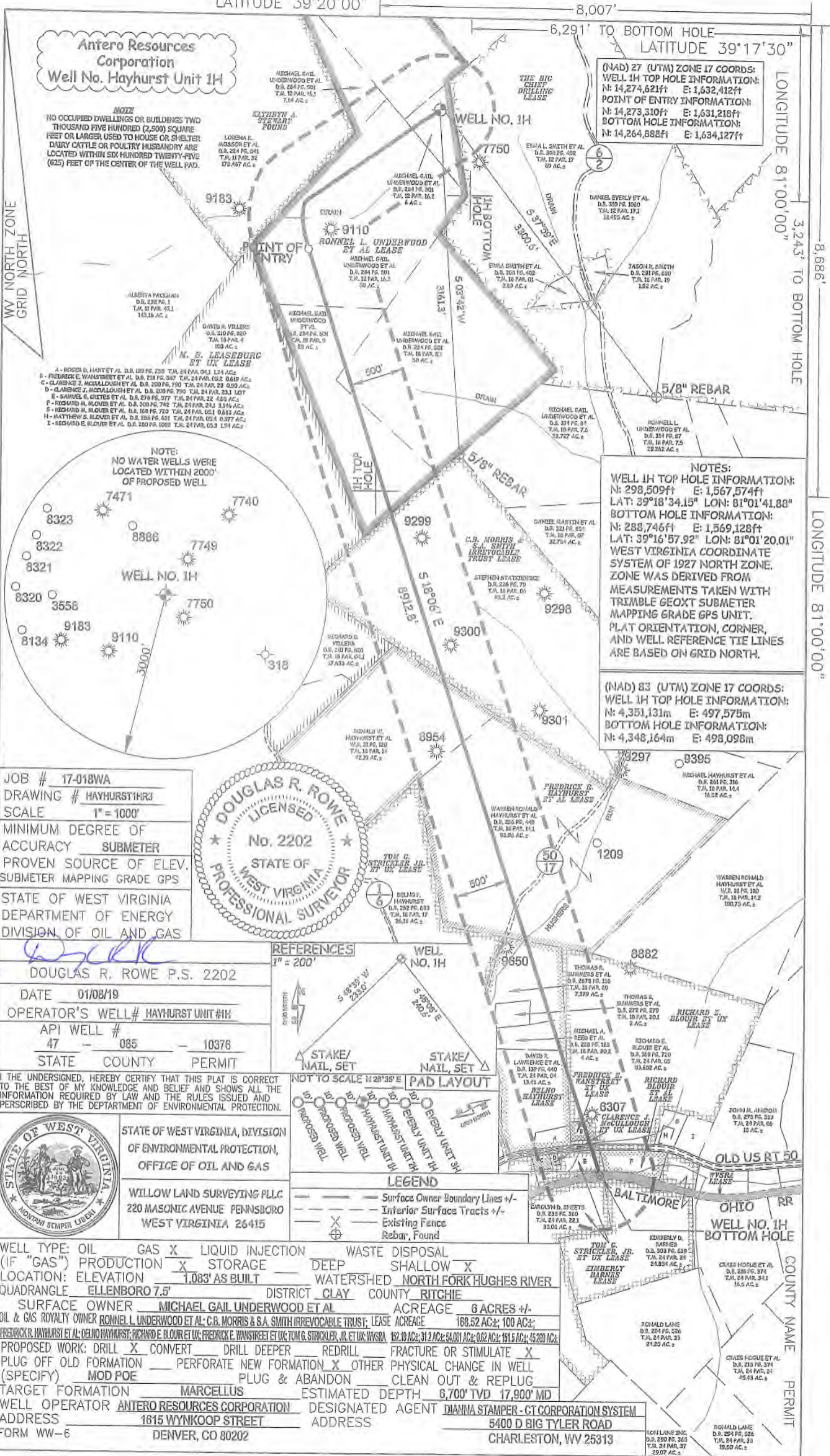
8,686'

LONGITUDE 81°00'00"

Antero Resources Corporation Well No. Hayhurst 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.

(NAD) 27 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 14,274,621ft E: 1,632,412ft
POINT OF ENTRY INFORMATION:
N: 14,273,310ft E: 1,631,218ft
BOTTOM HOLE INFORMATION:
N: 14,264,888ft E: 1,634,127ft



NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 298,509ft E: 1,567,574ft
LAT: 39°18'34.15" LON: 81°01'41.88"
BOTTOM HOLE INFORMATION:
N: 288,746ft E: 1,569,128ft
LAT: 39°16'57.92" LON: 81°01'20.01"
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 1H TOP HOLE INFORMATION:
N: 4,351,131m E: 497,575m
BOTTOM HOLE INFORMATION:
N: 4,348,164m E: 498,098m

JOB # 17-018WA
DRAWING # HAYHURST1HR3
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS



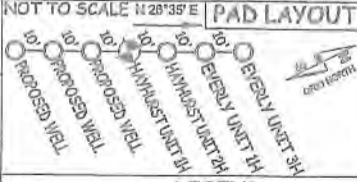
DOUGLAS R. ROWE P.S. 2202
DATE 01/08/19
OPERATOR'S WELL# HAYHURST UNIT 1H
API WELL # 47 - 085 - 10376
STATE COUNTY PERMIT



I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN 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 AVENUE PENNSBORO WEST VIRGINIA 26415



WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,083' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE
SURFACE OWNER MICHAEL GAIL UNDERWOOD ET AL ACREAGE 6 ACRES +/-
OIL & GAS ROYALTY OWNER RONNELL L. UNDERWOOD ET AL; C.B. MORRIS & S.A. SMITH IRREVOCABLE TRUST; LEASE ACREAGE 168.52 AC±; 100 AC±;
FREDRICK R. HAYHURST ET AL; DELNO HAYHURST; RICHARD E. BLOOUR ET UX; FREDRICK E. WINSTREET ET UX; TOM G. STRICKLER, JR. ET UX; WISRA 169.10 AC±; 31.2 AC±; 64.001 AC±; 0.62 AC±; 151.5 AC±; 45,209 AC±
PROPOSED WORK: DRILL X CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE X
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) MOD POE PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,900' MD
WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-6 DENVER, CO 80202 CHARLESTON, WV 25313

