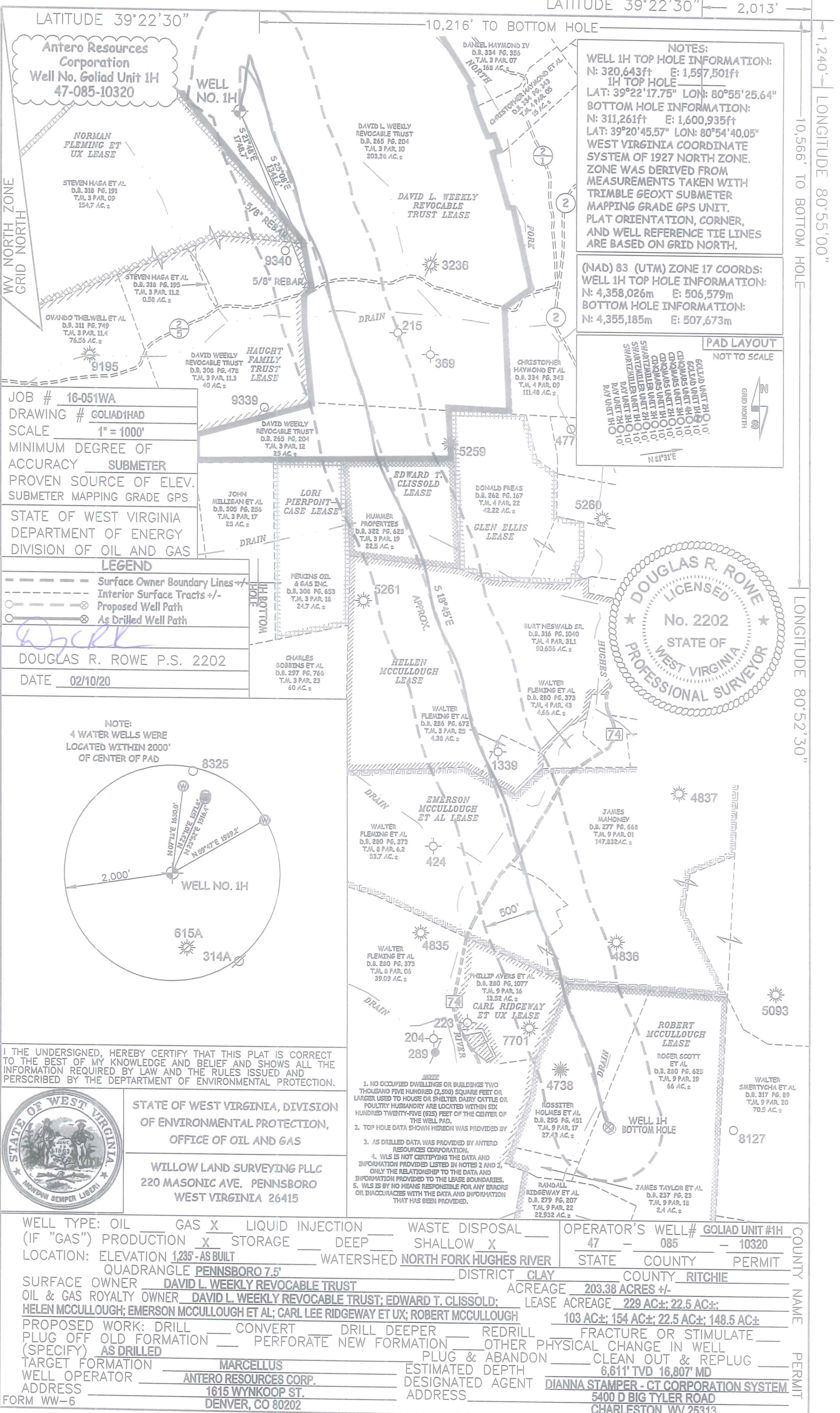


LATITUDE 39°22'30" 2,013'

1,240' LONGITUDE 80°55'00"

10,566' TO BOTTOM HOLE

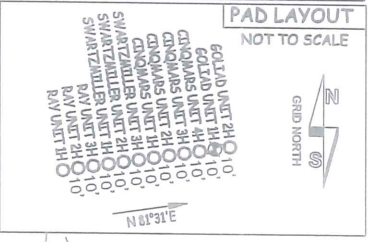
LONGITUDE 80°52'30"



Antero Resources Corporation
Well No. Goliad Unit 1H
47-085-10320

NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 320,643ft E: 1,597,501ft
1H TOP HOLE
LAT: 39°22'17.75" LON: 80°55'25.64"
BOTTOM HOLE INFORMATION:
N: 311,261ft E: 1,600,935ft
LAT: 39°20'45.57" LON: 80°54'40.05"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE 6EOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

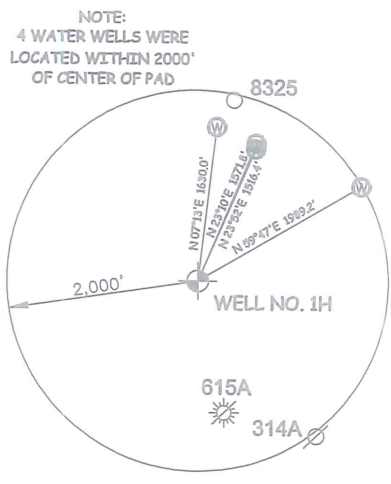
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1H TOP HOLE INFORMATION:
N: 4,358,026m E: 506,579m
BOTTOM HOLE INFORMATION:
N: 4,355,185m E: 507,673m



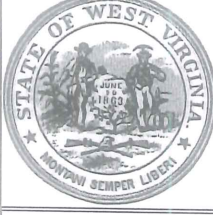
JOB # 16-051WA
DRAWING # GOLIAD1HAD
SCALE 1" = 1000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS
STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

LEGEND
--- Surface Owner Boundary Lines
- - - Interior Surface Tracts +/-
○ Proposed Well Path
○ As Drilled Well Path

DOUGLAS R. ROWE P.S. 2202
DATE 02/10/20



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

- NOTE**
1. 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.
 2. TOP HOLE DATA SHOWN HEREON WAS PROVIDED BY
 3. AS DRILLED DATA WAS PROVIDED BY ANTERO RESOURCES CORPORATION.
 4. WLS IS NOT CERTIFYING THE DATA AND INFORMATION PROVIDED LISTED IN NOTES 2 AND 3, ONLY THE RELATIONSHIP TO THE DATA AND INFORMATION PROVIDED TO THE LEASE BOUNDARIES.
 5. WLS IS BY NO MEANS RESPONSIBLE FOR ANY ERRORS OR INACCURACIES WITH THE DATA AND INFORMATION THAT HAS BEEN PROVIDED.

WELL TYPE: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL <input type="checkbox"/>	OPERATOR'S WELL#	GOLIAD UNIT #1H
(IF "GAS") PRODUCTION <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input type="checkbox"/> SHALLOW <input checked="" type="checkbox"/>	47 - 085	10320
LOCATION: ELEVATION 1,235' - AS BUILT	STATE	COUNTY
QUADRANGLE PENNSBORO 7.5'	DISTRICT CLAY	COUNTY RITCHIE
SURFACE OWNER DAVID L. WEEKLY REVOCABLE TRUST	ACREAGE	203.38 ACRES +/-
OIL & GAS ROYALTY OWNER DAVID L. WEEKLY REVOCABLE TRUST; EDWARD T. CLISSOLD;	LEASE ACREAGE	229 AC±; 22.5 AC±;
HELEN MCCULLOUGH; EMERSON MCCULLOUGH ET AL; CARL LEE RIDGEWAY ET UX; ROBERT MCCULLOUGH		103 AC±; 154 AC±; 22.5 AC±; 148.5 AC±
PROPOSED WORK: DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> REDRILL <input type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/>	TARGET FORMATION	MARCELLUS
PLUG OFF OLD FORMATION <input type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL <input type="checkbox"/>	ESTIMATED DEPTH	6,611' TVD 16,807' MD
(SPECIFY) AS DRILLED	DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM
WELL OPERATOR ANTERO RESOURCES CORP.	ADDRESS	5400 D BIG TYLER ROAD
ADDRESS 1615 WYNKOOP ST.		CHARLESTON, WV 25313
FORM WW-6		