

LATITUDE 39°22'30" 2,013'

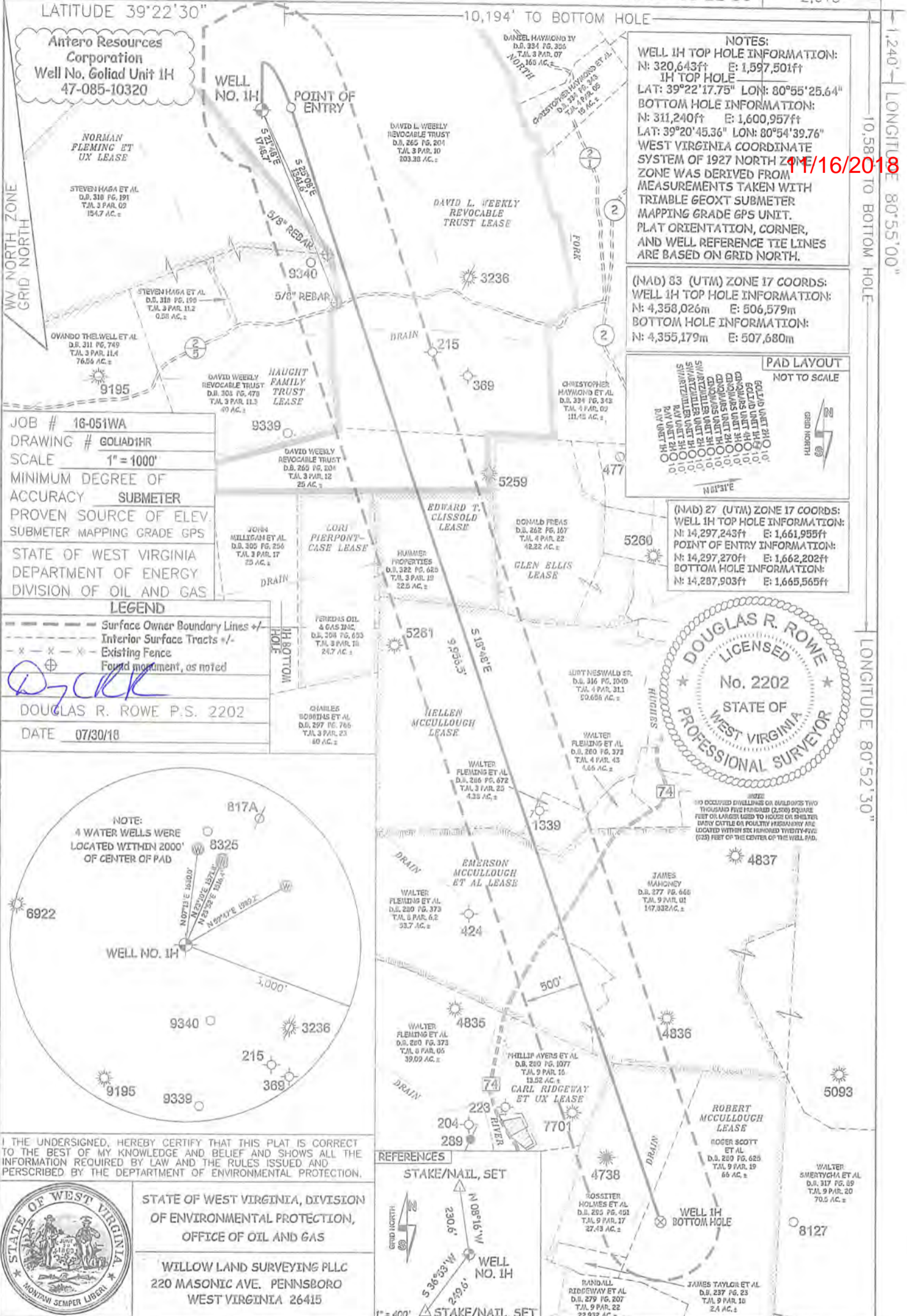
LATITUDE 39°22'30"

10,194' TO BOTTOM HOLE

10,58' TO BOTTOM HOLE

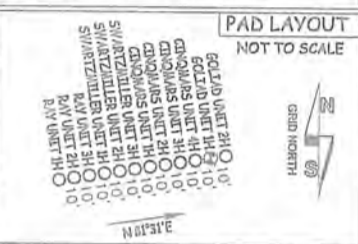
LONGITUDE 80°55'00"

LONGITUDE 80°52'30"



NOTES:
 WELL 1H TOP HOLE INFORMATION:
 N: 320,643ft E: 1,597,501ft
 IH TOP HOLE
 LAT: 39°22'17.75" LON: 80°55'25.64"
 BOTTOM HOLE INFORMATION:
 N: 311,240ft E: 1,600,957ft
 LAT: 39°20'45.36" LON: 80°54'39.76"
 WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH 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: 4,358,026m E: 506,579m
 BOTTOM HOLE INFORMATION:
 N: 4,355,179m E: 507,680m

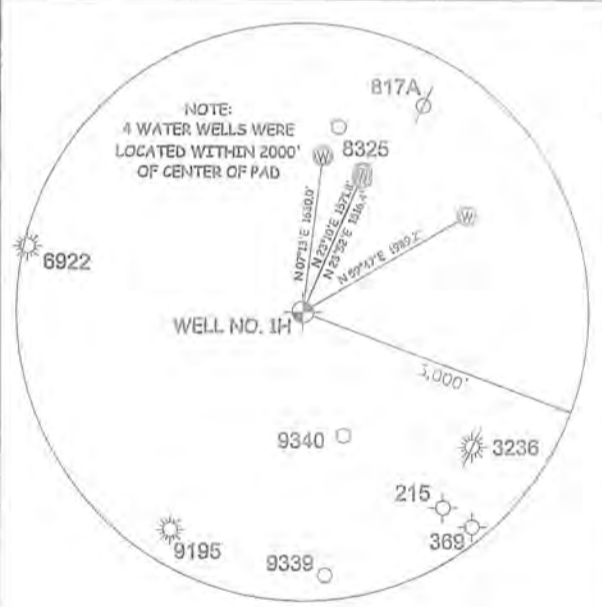


(NAD) 27 (UTM) ZONE 17 COORDS:
 WELL 1H TOP HOLE INFORMATION:
 N: 14,297,243ft E: 1,661,955ft
 POINT OF ENTRY INFORMATION:
 N: 14,297,270ft E: 1,662,202ft
 BOTTOM HOLE INFORMATION:
 N: 14,287,903ft E: 1,665,565ft

JOB # 16-051WA
 DRAWING # GOLIAD1HR
 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 +/-
 - x - x - Existing Fence
 ⊕ Found monument, as noted

DOUGLAS R. ROWE P.S. 2202
 DATE 07/30/18



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

REFERENCES



WELL TYPE: OIL	GAS <input checked="" type="checkbox"/>	LIQUID INJECTION	WASTE DISPOSAL	OPERATOR'S WELL#	GOLIAD UNIT #1H	COUNTY NAME
(IF "GAS") PRODUCTION	STORAGE	DEEP	SHALLOW <input checked="" type="checkbox"/>	47	085	
LOCATION: ELEVATION 1,235'-AS BUILT	WATERSHED NORTH FORK HUGHES RIVER	DISTRICT CLAY	COUNTY RITCHIE	STATE	COUNTY	PERMIT
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	CONVERT	DRILL DEEPER <input checked="" type="checkbox"/>	REDRILL	FRACTURE OR STIMULATE <input checked="" type="checkbox"/>		
PLUG OFF OLD FORMATION	PERFORATE NEW FORMATION <input checked="" type="checkbox"/>	OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD BHL	PLUG & ABANDON	CLEAN OUT & REPLUG		
TARGET FORMATION	MARCELLUS	ESTIMATED DEPTH	7,000' TVD 17,700' MD			
WELL OPERATOR	ANTERO RESOURCES CORP.	DESIGNATED AGENT	DIANNA STAMPER - CT CORPORATION SYSTEM			
ADDRESS	1615 WYNKOOP ST.	ADDRESS	5400 D BIG TYLER ROAD			
FORM WW-6	DENVER, CO 80202		CHARLESTON, WV 25313			