

LATITUDE 39°17'30" 2,226'

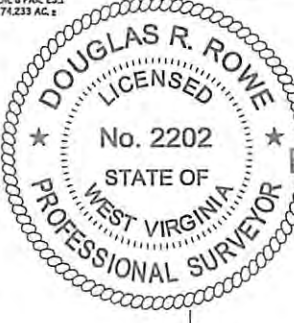
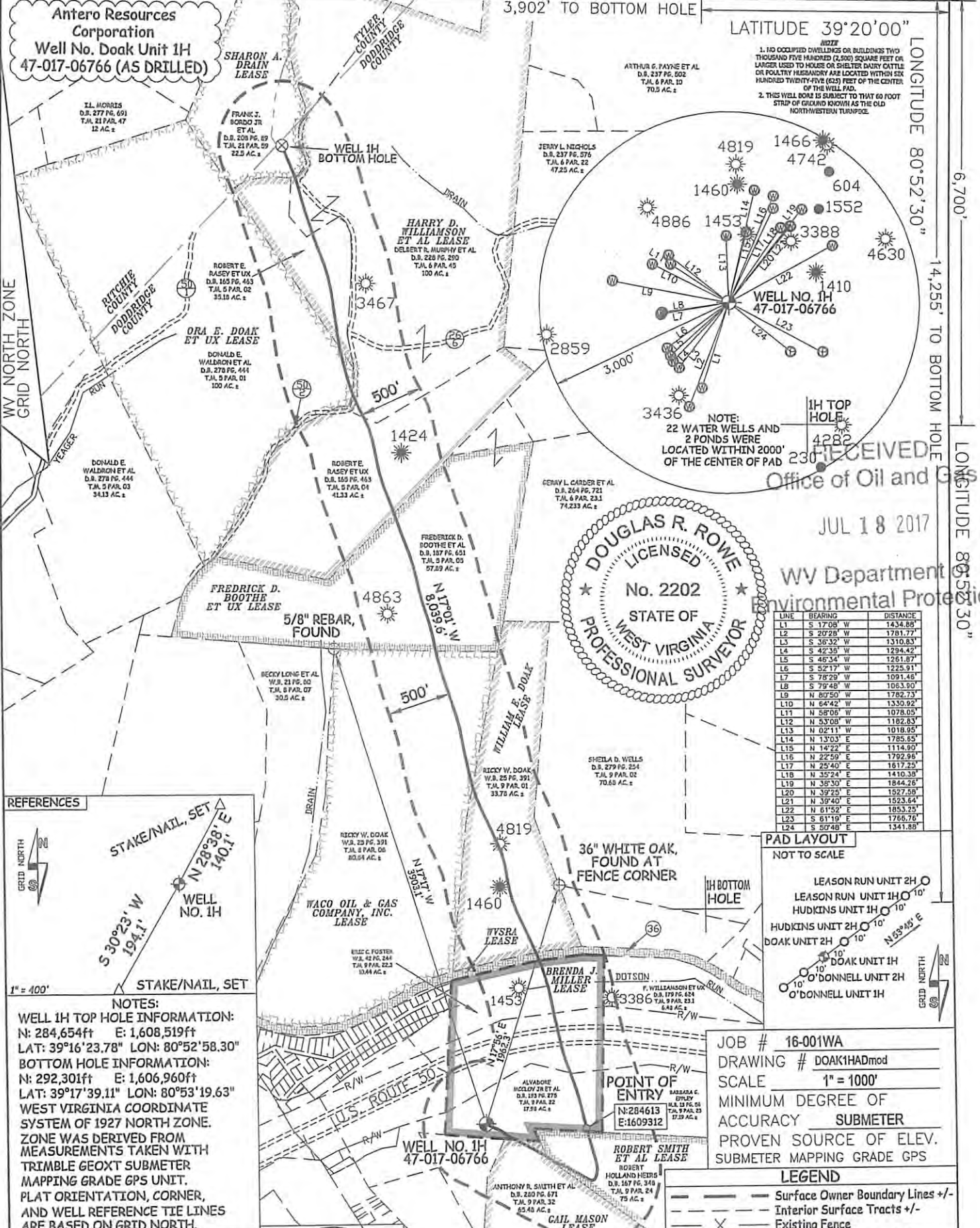
LATITUDE 39°20'00"

LONGITUDE 80°52'30"

6,700'

LONGITUDE 80°52'30"

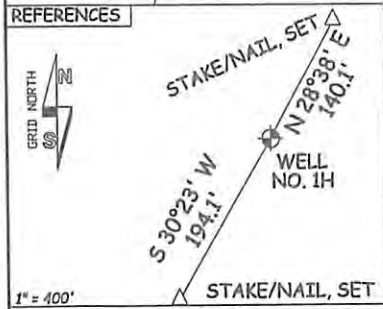
LONGITUDE 80°52'30"



RECEIVED
Office of Oil and Gas

JUL 18 2017

WV Department of Environmental Protection

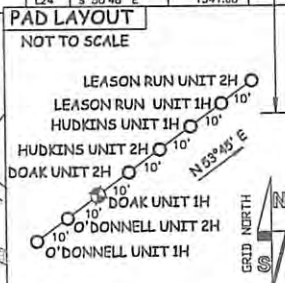


NOTES:
WELL 1H TOP HOLE INFORMATION:
N: 284,654ft E: 1,608,519ft
LAT: 39°16'23.78" LON: 80°52'58.30"
BOTTOM HOLE INFORMATION:
N: 292,301ft E: 1,606,960ft
LAT: 39°17'39.11" LON: 80°53'19.63"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT 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: 4,347,118m E: 510,119m
BOTTOM HOLE INFORMATION:
N: 4,349,440m E: 509,605m



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO WEST VIRGINIA 26415



JOB # 16-001WA
DRAWING # DOAK1HADmod
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
O Found monument, as noted

DATE 06/26/17
OPERATOR'S WELL# DOAK UNIT #1H
API WELL # 47 - 017 - 06766
STATE COUNTY PERMIT
WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE PENNSBORO 7.5' DISTRICT CENTRAL COUNTY DODDRIDGE
SURFACE OWNER ALVADORE MCCLOY JR ET UX ACREAGE 17.98 ACRES +/-
OIL & GAS ROYALTY OWNER BRENDA J. MILLER; GAIL MASON; ROBERT SMITH ET AL; WVSRA; WILLIAM E. DOAK; LEASE ACREAGE 30.15 AC±; 140.793 AC±; 75 AC±; 301.19 AC±; 35 AC±;
WACO OIL & GAS CO. INC.; FREDRICK D. BOOTHE ET UX; HARRY D. WILLIAMSON ET AL; ORA E. DOAK ET UX; SHARON A. DRAIN 83 ACRES±; 62 ACRES±; 176 ACRES±; 100 ACRES±; 22.5 ACRES±

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
LOCATION: ELEVATION 1,057' AS BUILT WATERSHED NORTH FORK HUGHES RIVER
PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___
PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL
(SPECIFY) POE MOD PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,452' TVD 14,799' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

06/04/2017