

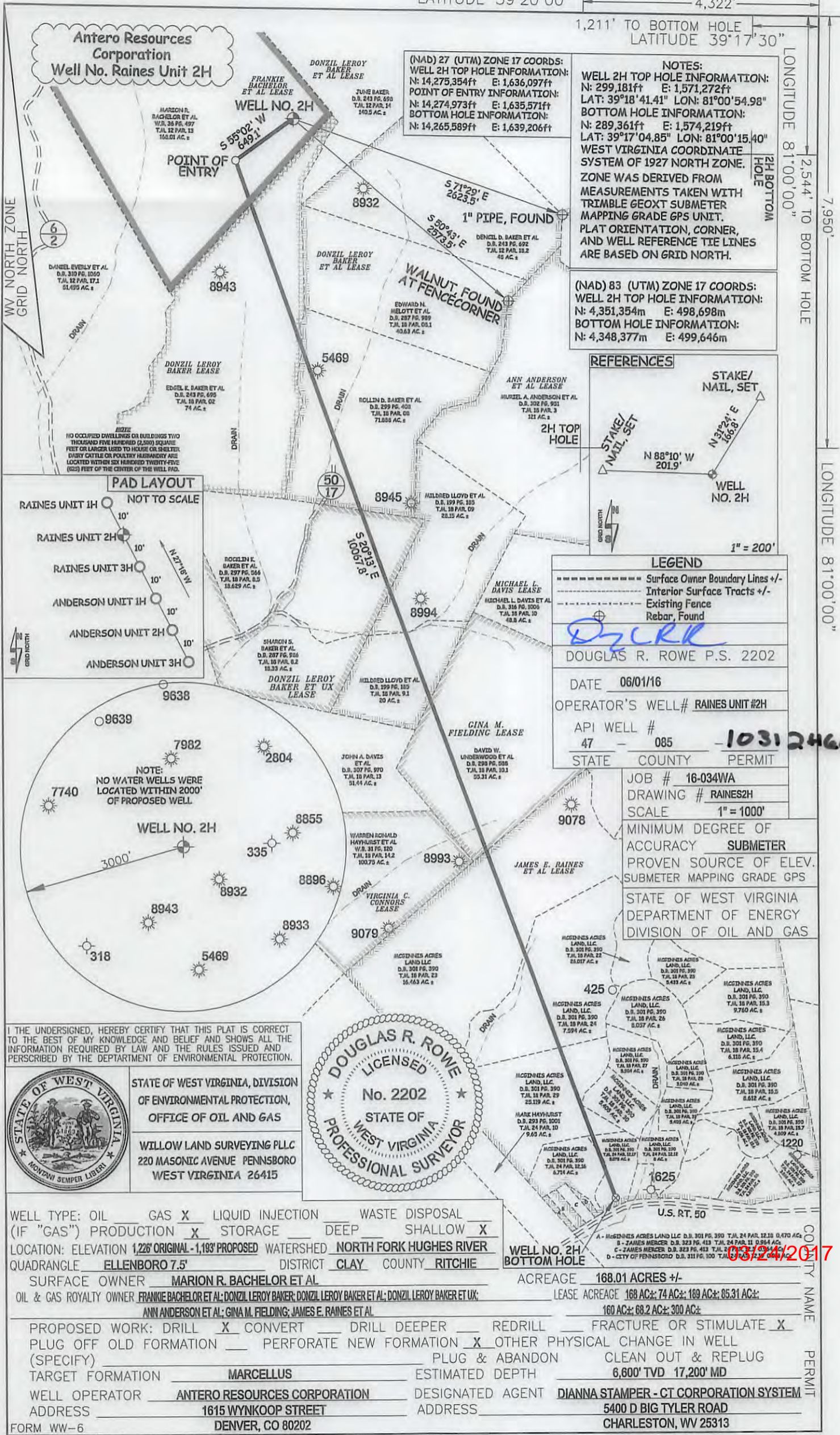
LATITUDE 39°20'00"

4,322'

1,211' TO BOTTOM HOLE
LATITUDE 39°17'30"

LONGITUDE 81°00'00"

7,950'
LONGITUDE 81°00'00"



(NAD 27 (UTM) ZONE 17 COORDS:
WELL 2H TOP HOLE INFORMATION:
N: 14,275,354ft E: 1,636,097ft
POINT OF ENTRY INFORMATION:
N: 14,274,973ft E: 1,635,571ft
BOTTOM HOLE INFORMATION:
N: 14,265,589ft E: 1,639,206ft

NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 299,181ft E: 1,571,272ft
LAT: 39°18'41.41" LON: 81°00'54.98"
BOTTOM HOLE INFORMATION:
N: 289,361ft E: 1,574,219ft
LAT: 39°17'04.85" LON: 81°00'15.40"
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 2H TOP HOLE INFORMATION:
N: 4,351,354m E: 498,698m
BOTTOM HOLE INFORMATION:
N: 4,348,377m E: 499,646m

REFERENCES



LEGEND

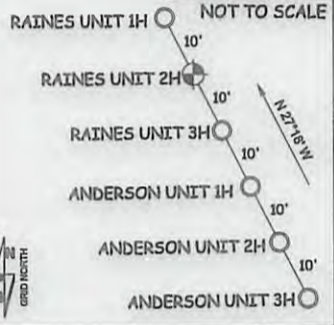
- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- Existing Fence
- Rebar, Found

DOUGLAS R. ROWE P.S. 2202

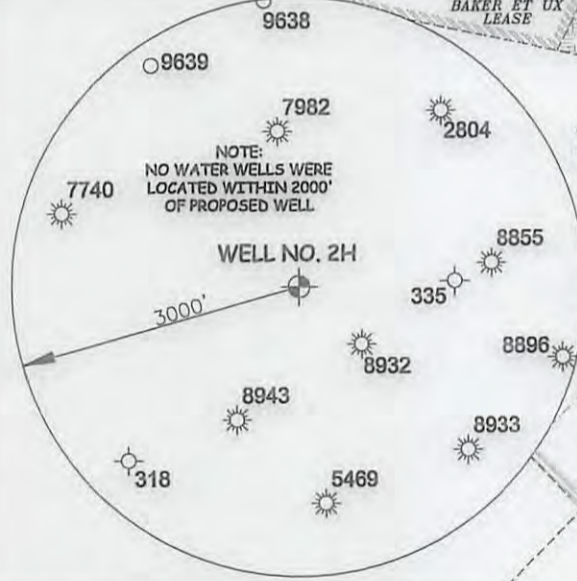
DATE 06/01/16
OPERATOR'S WELL# RAINES UNIT #2H
API WELL # 47 - 085 - 1031246A
STATE COUNTY PERMIT

JOB # 16-034WA
DRAWING # RAINES2H
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

PAD LAYOUT



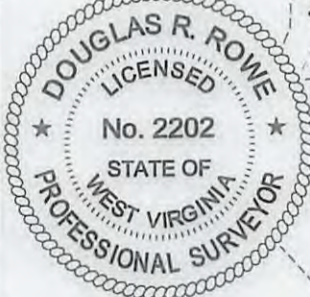
NOTE:
NO WATER WELLS WERE LOCATED WITHIN 2000' OF PROPOSED WELL



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 AVENUE PENNSBORO WEST VIRGINIA 26415

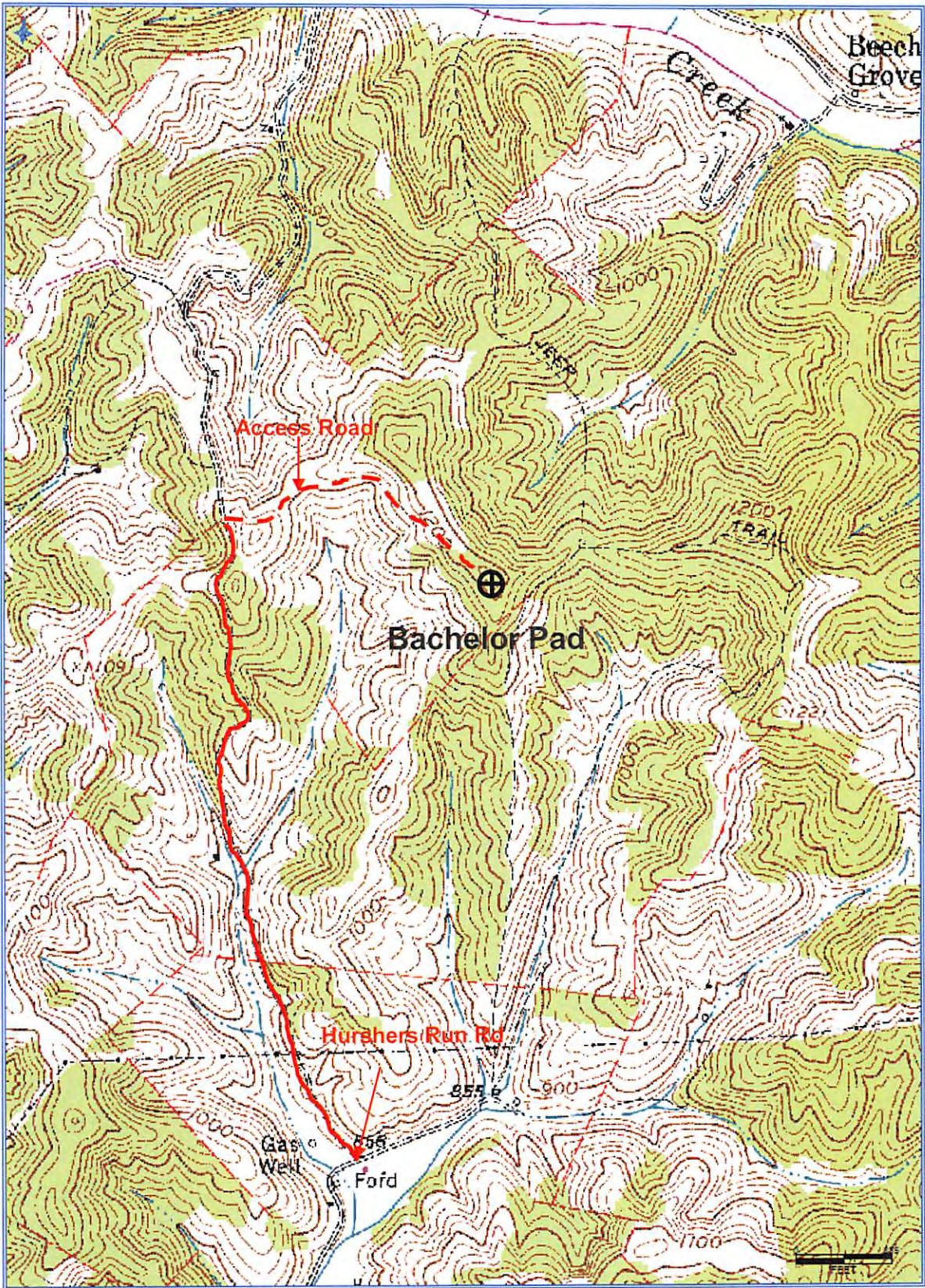


WELL TYPE: OIL GAS X LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION X STORAGE DEEP SHALLOW X
LOCATION: ELEVATION 1,228' ORIGINAL - 1,193' PROPOSED WATERSHED NORTH FORK HUGHES RIVER
QUADRANGLE ELLENBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER MARION R. BACHELOR ET AL ACREAGE 168.01 ACRES +/-
OIL & GAS ROYALTY OWNER FRANKIE BACHELOR ET AL; DONZIL LEROY BAKER; DONZIL LEROY BAKER ET AL; DONZIL LEROY BAKER ET UX; ANN ANDERSON ET AL; GINA M. FIELDING; JAMES E. RAINES ET AL LEASE ACREAGE 168 AC±; 74 AC±; 169 AC±; 85.31 AC±; 160 AC±; 68.2 AC±; 300 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) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,600' TVD 17,200' MD
WELL OPERATOR ANTERO RESOURCES CORPORATION DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
DENVER, CO 80202 CHARLESTON, WV 25313

06/24/2017



Antero Resources Corporation
Appalachian Basin
Raines Unit 2H
Ritchie County

Quadrangle: Ellenboro
Watershed: North Fork Hughes River
District: Clay
Date: 3-16-2016

03/24/2017