

LATITUDE 39°12'30"

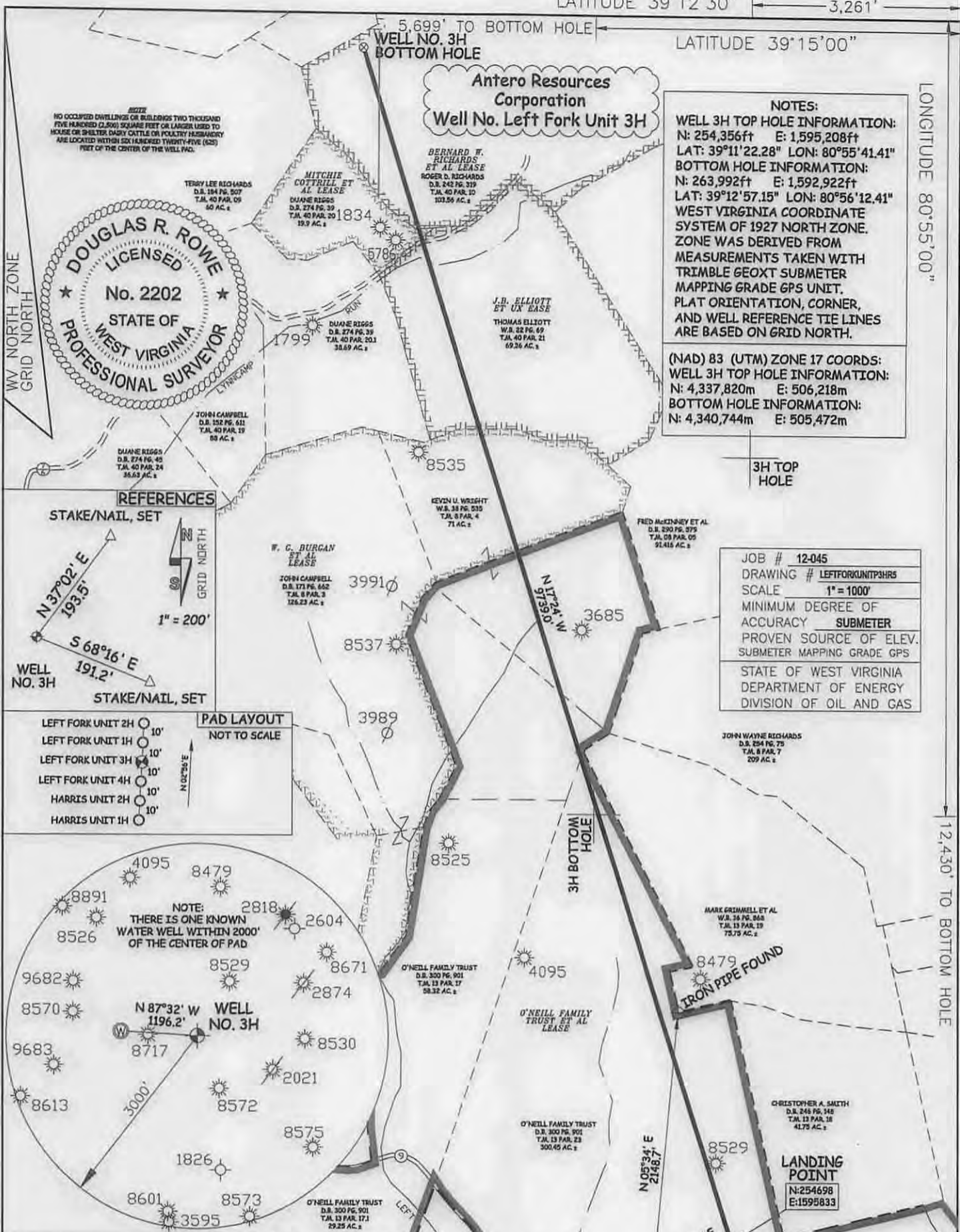
3,261'

LATITUDE 39°15'00"

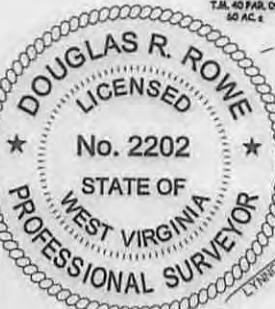
LONGITUDE 80°55'00"

6,852'

12,430' TO BOTTOM HOLE



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 IN ANY MANNER ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.



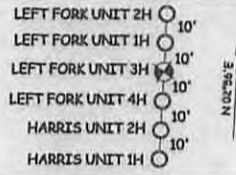
NOTES:
WELL 3H TOP HOLE INFORMATION:
 N: 254,356ft E: 1,595,208ft
BOTTOM HOLE INFORMATION:
 N: 263,992ft E: 1,592,922ft
 LAT: 39°12'57.15" LON: 80°56'12.41"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE. ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.
(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 3H TOP HOLE INFORMATION:
 N: 4,337,820m E: 506,218m
BOTTOM HOLE INFORMATION:
 N: 4,340,744m E: 505,472m

JOB # 12-045
 DRAWING # LEFTFORKUNIT3HRS
 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

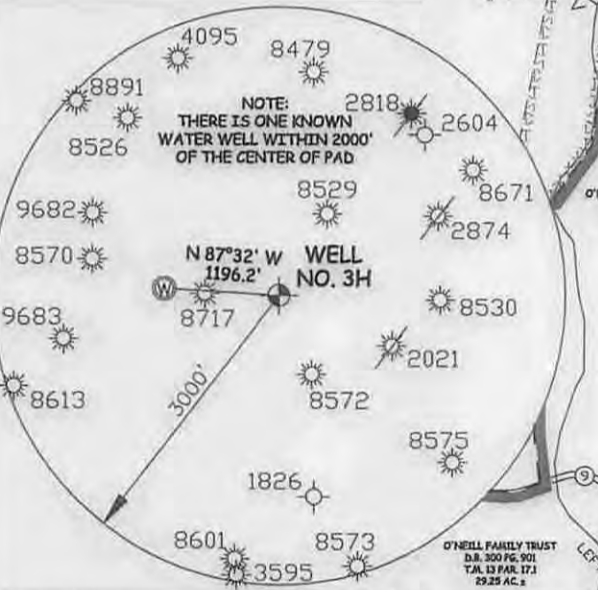
REFERENCES



PAD LAYOUT
NOT TO SCALE



NOTE: THERE IS ONE KNOWN WATER WELL WITHIN 2000' OF THE CENTER OF PAD



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
 266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

DATE 03/12/15
 OPERATOR'S WELL # LEFT FORK UNIT #3H

LEGEND
 --- Surface Owner Boundary Lines +/-
 --- Interior Surface Tracts +/-
 X Existing Fence
 ⊕ Found monument, as noted
 DOUGLAS R. ROWE P.S. 2202

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL API WELL # 47 - 085 - 10205 MOD
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW STATE COUNTY SOUTH FORK HUGHES RIVER
 LOCATION: ORIGINAL GROUND ELEV. 1,039' PROPOSED ELEV. 1,021' WATERSHED SOUTH FORK HUGHES RIVER
 QUADRANGLE PULLMAN 7.5' DISTRICT UNION COUNTY RITCHIE COUNTY NAME UNION COUNTY RITCHIE
 SURFACE OWNER O'NEILL FAMILY TRUST ET AL ACREAGE 300.45 ACRES +/-
 OIL & GAS ROYALTY OWNER O'NEILL FAMILY TRUST ET AL; W.G. BURGAN ET AL; J.B. ELLIOTT ET UX; MITCHEL COTTRILL ET AL; BERNARD W. RICHARDS ET AL LEASE ACREAGE 517.83 ACRES +/- 154 ACRES +/- 70 ACRES +/- 19.9 ACRES +/- 114 ACRES +/-
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Permit Modification - BHL PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,000' MD
 WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER - CT CORPORATION SYSTEM
 ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
 DENVER, CO 80202 CHARLESTON, WV 25313

06/12/2015