

LATITUDE 39°20'00"

8,696'

LATITUDE 39°20'00"

LONGITUDE 80°55'00"

15,088' TO BOTTOM HOLE

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

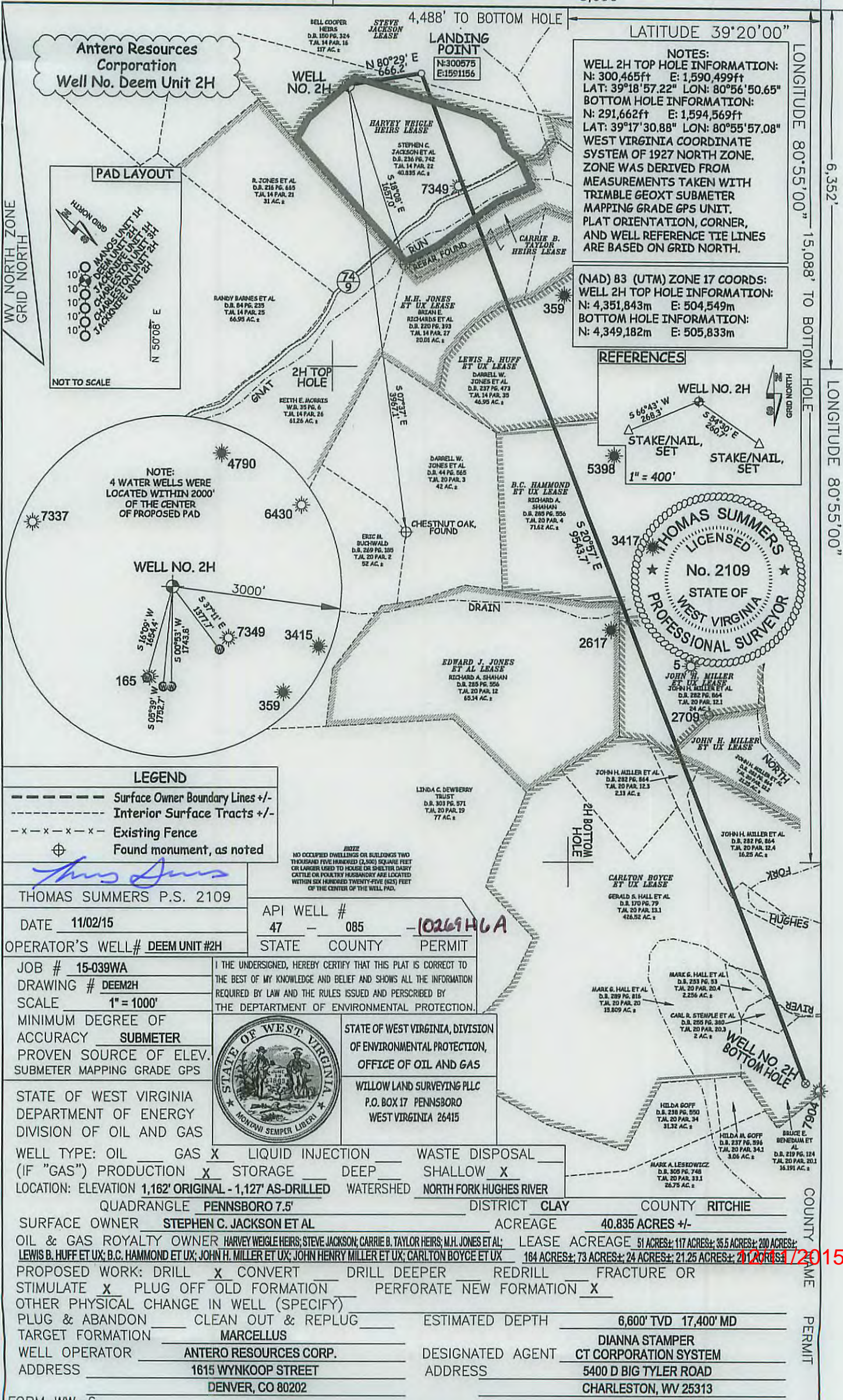
LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

LONGITUDE 80°55'00"

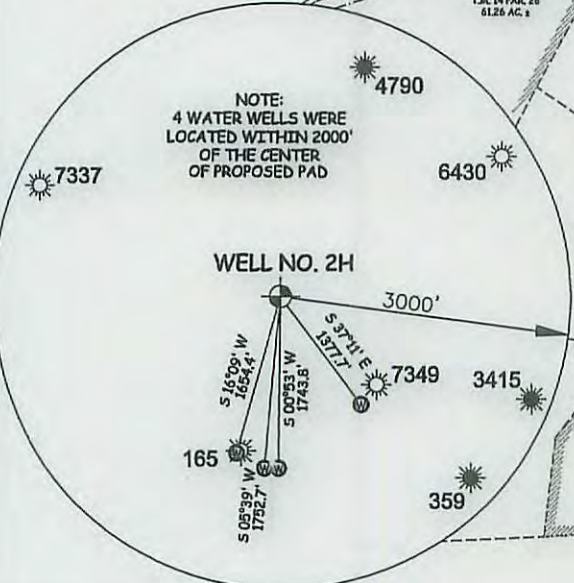
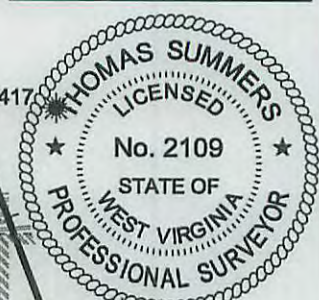
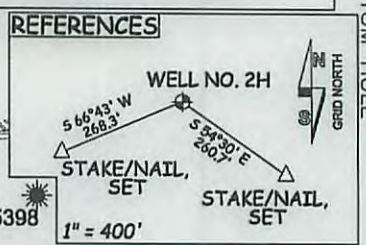
LONGITUDE 80°55'00"

LONGITUDE 80°55'00"



NOTES:
 WELL 2H TOP HOLE INFORMATION:
 N: 300,465ft E: 1,590,499ft
 LAT: 39°18'57.22" LON: 80°56'50.65"
 BOTTOM HOLE INFORMATION:
 N: 291,662ft E: 1,594,569ft
 LAT: 39°17'30.88" LON: 80°55'57.08"
 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: 4,351,843m E: 504,549m
 BOTTOM HOLE INFORMATION:
 N: 4,349,182m E: 505,833m



LEGEND

- Surface Owner Boundary Lines +/-
- - - Interior Surface Tracts +/-
- x - x - x - Existing Fence
- ⊕ Found monument, as noted

THOMAS SUMMERS P.S. 2109

DATE 11/02/15

OPERATOR'S WELL# DEEM UNIT #2H

API WELL # 47 - 085 - 10261H6A

STATE COUNTY PERMIT

JOB # 15-039WA
 DRAWING # DEEM2H
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY SUBMETER
 PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

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
 P.O. BOX 17 PENNSBORO WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

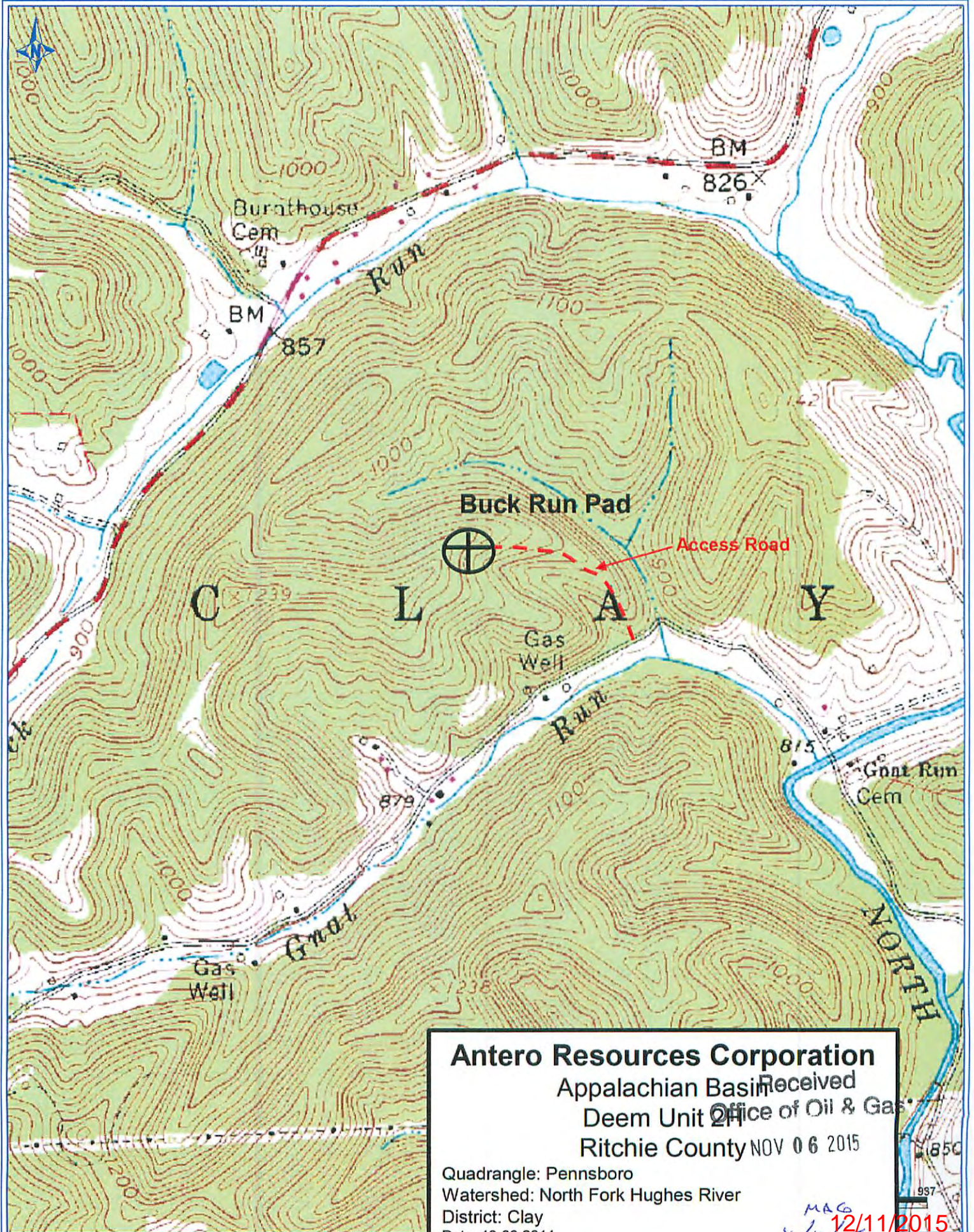
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS") PRODUCTION STORAGE DEEP SHALLOW

LOCATION: ELEVATION 1,162' ORIGINAL - 1,127' AS-DRILLED WATERSHED NORTH FORK HUGHES RIVER

QUADRANGLE PENNSBORO 7.5' DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER STEPHEN C. JACKSON ET AL ACREAGE 40.835 ACRES +/-
 OIL & GAS ROYALTY OWNER HARVEY WEIGLE HEIRS; STEVE JACKSON; CARRIE B. TAYLOR HEIRS; M.H. JONES ET AL; LEASE ACREAGE 51 ACRES; 117 ACRES; 35.5 ACRES; 200 ACRES;
 LEWIS B. HUFF ET UX; B.C. HAMMOND ET UX; JOHN H. MILLER ET UX; JOHN HENRY MILLER ET UX; CARLTON BOYCE ET UX 164 ACRES; 73 ACRES; 24 ACRES; 21.25 ACRES; 20 ACRES; 1/2015
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION
 OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG & ABANDON CLEAN OUT & REPLUG ESTIMATED DEPTH 6,600' TVD 17,400' MD
 TARGET FORMATION MARCELLUS
 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

85-10269



Antero Resources Corporation
 Appalachian Basin
 Deem Unit
 Ritchie County

Received
 Office of Oil & Gas
 NOV 06 2015

Quadrangle: Pennsboro
 Watershed: North Fork Hughes River
 District: Clay
 Date: 10-06-2014

MAG
 11/24/15
 12/11/2015