

LATITUDE 39°15'00"

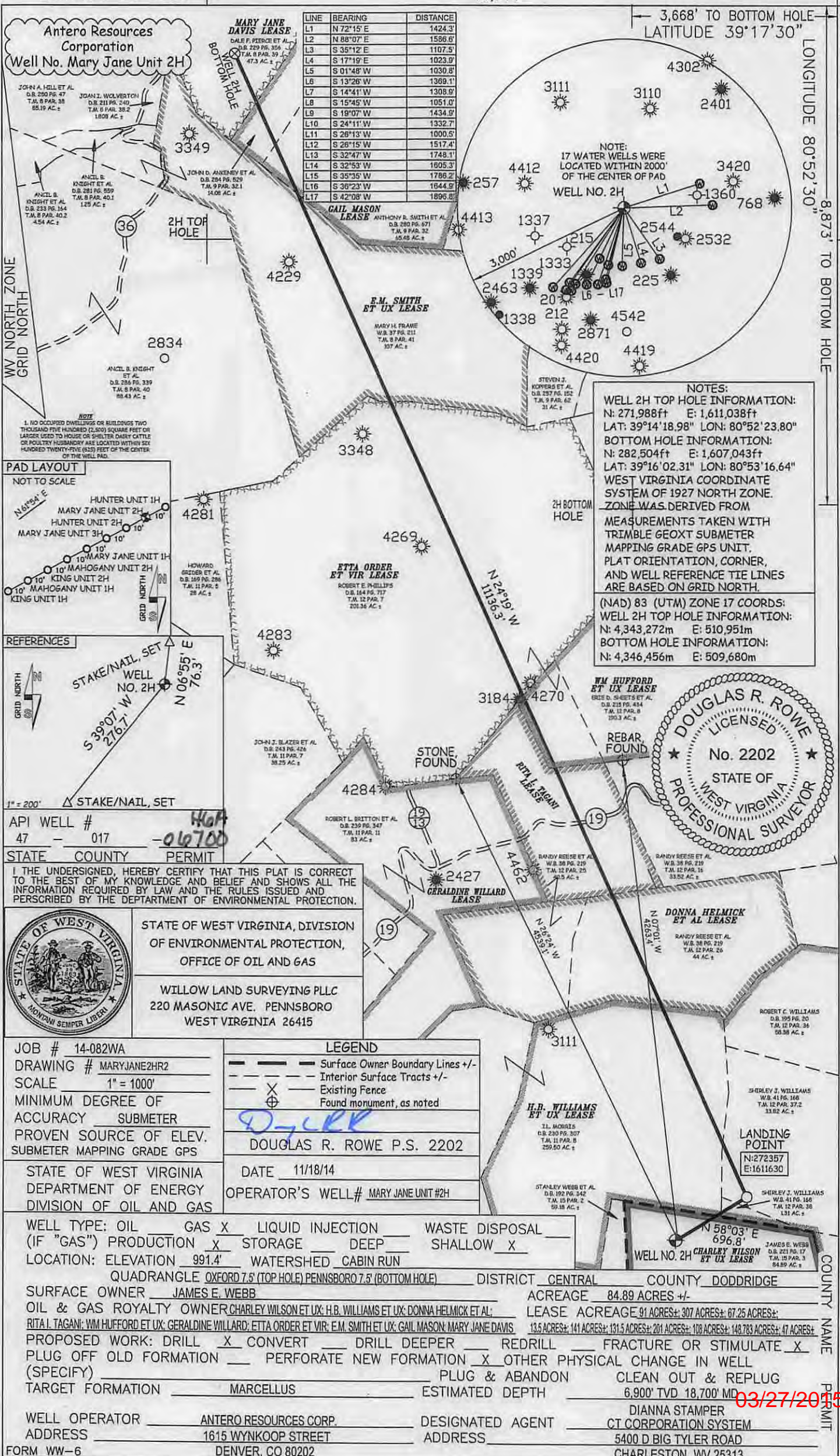
11,314'

3,668' TO BOTTOM HOLE
LATITUDE 39°17'30"

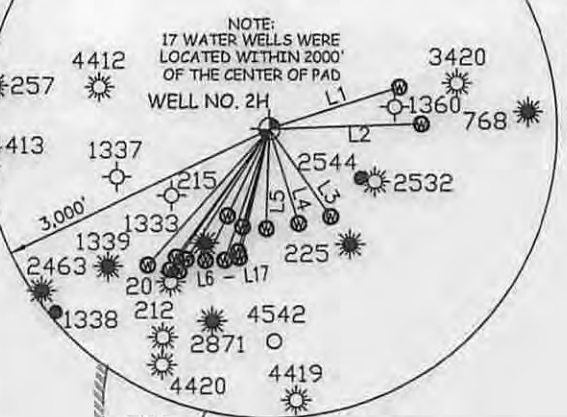
LONGITUDE 80°52'30"

4,151'

8,873' TO BOTTOM HOLE
LONGITUDE 80°50'00"



LINE	BEARING	DISTANCE
L1	N 72°15' E	1424.3'
L2	N 88°07' E	1586.6'
L3	S 35°12' E	1107.5'
L4	S 17°19' E	1023.9'
L5	S 01°48' W	1030.8'
L6	S 13°26' W	1309.1'
L7	S 14°41' W	1030.8'
L8	S 15°45' W	1051.0'
L9	S 19°07' W	1434.9'
L10	S 24°11' W	1332.7'
L11	S 28°13' W	1000.5'
L12	S 28°15' W	1517.4'
L13	S 32°47' W	1748.1'
L14	S 32°53' W	1605.3'
L15	S 35°35' W	1786.2'
L16	S 38°23' W	1644.9'
L17	S 42°08' W	1896.8'



NOTES:
 17 WATER WELLS WERE LOCATED WITHIN 2000' OF THE CENTER OF PAD
WELL NO. 2H
 L1
 L2
 L3
 L4
 L5
 L6 - L7

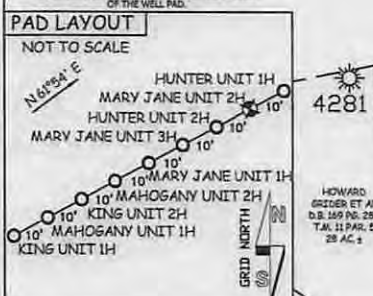
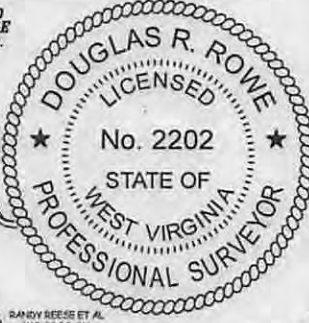
NOTE:
 1. NO OCCUPIED DWELLINGS OR BUILDINGS TWO THOUSAND FIVE HUNDRED (2500) SQUARE FEET OR LARGER USED TO HOUSE OR SHELTER DAIRY CATTLE OR POULTRY HUSBANDRY ARE LOCATED WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET OF THE CENTER OF THE WELL PAD.

WELL 2H TOP HOLE INFORMATION:
 N: 271,988ft E: 1,611,038ft
 LAT: 39°14'18.98" LON: 80°52'23.80"

BOTTOM HOLE INFORMATION:
 N: 282,504ft E: 1,607,043ft
 LAT: 39°16'02.31" LON: 80°53'16.64"

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: 4,343,272m E: 510,951m
BOTTOM HOLE INFORMATION:
 N: 4,346,456m E: 509,680m



API WELL # 47 - 017
 STATE COUNTY PERMIT

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

JOB # 14-082WA
 DRAWING # MARYJANE2HR2
 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
 ⊕ Found monument, as noted

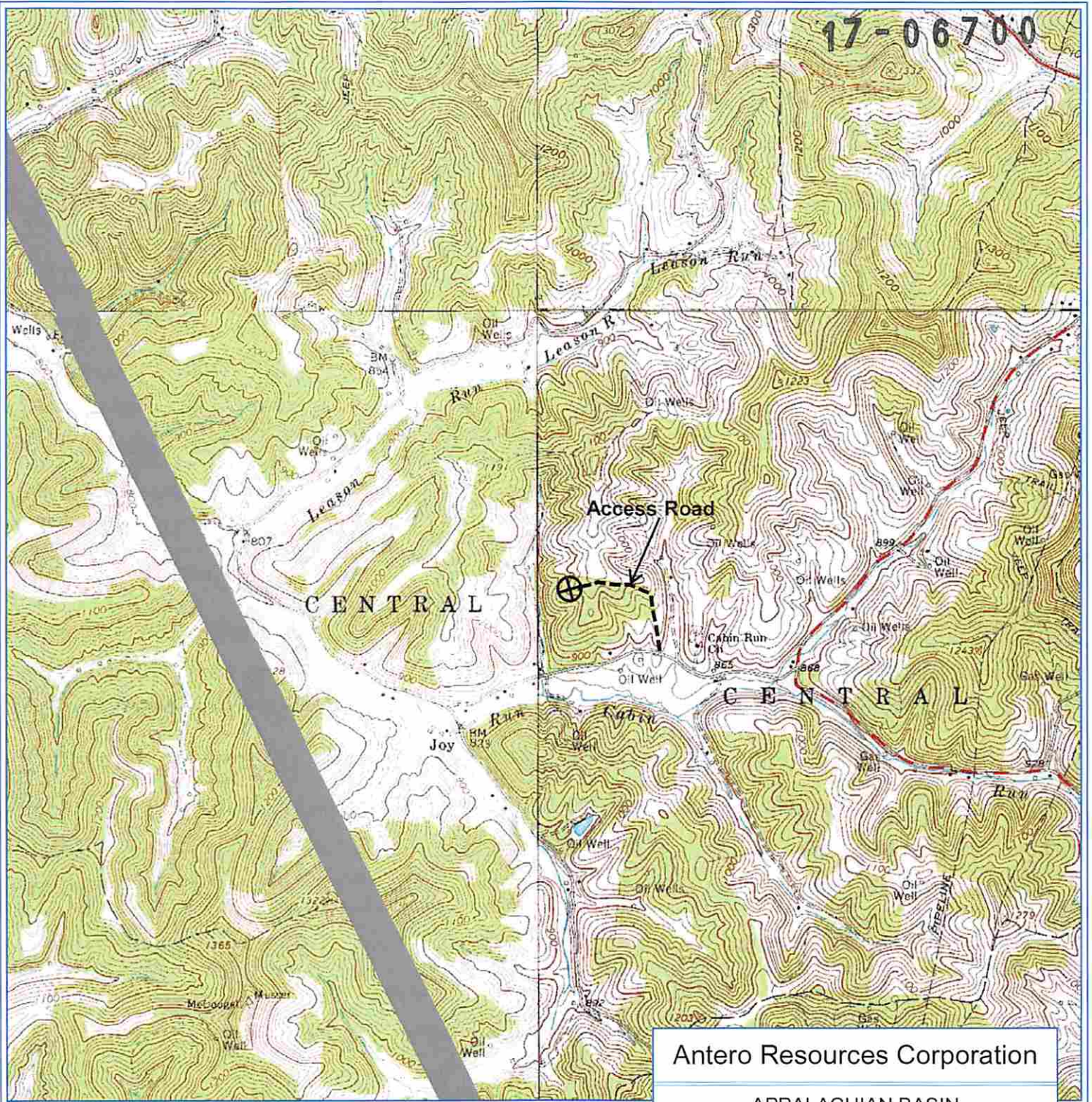
DOUGLAS R. ROWE P.S. 2202

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

DATE 11/18/14
 OPERATOR'S WELL# MARY JANE UNIT #2H

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 991.4' WATERSHED CABIN RUN
 QUADRANGLE OXFORD 7.5 (TOP HOLE) PENNSBORO 7.5 (BOTTOM HOLE) DISTRICT CENTRAL COUNTY DODDRIDGE
 SURFACE OWNER JAMES E. WEBB ACREAGE 84.89 ACRES +/-
 OIL & GAS ROYALTY OWNER CHARLEY WILSON ET UX; H.B. WILLIAMS ET UX; DONNA HELMICK ET AL; LEASE ACREAGE 91 ACRES+; 307 ACRES+; 67.25 ACRES+;
 RITALI TAGANI; WM HUFFORD ET UX; GERALDINE WILLARD; ETTA ORDER ET VIR; E.M. SMITH ET UX; GAIL MASON; MARY JANE DAVIS 13.5 ACRES+; 141 ACRES+; 131.5 ACRES+; 201 ACRES+; 108 ACRES+; 148.783 ACRES+; 47 ACRES+
 PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE
 (SPECIFY) ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL
 PLUG OFF OLD FORMATION ___ PLUG & ABANDON CLEAN OUT & REPLUG
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,900' TVD 18,700' 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

03/27/2015



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Antero Resources Corporation

APPALACHIAN BASIN

Mary Jane Unit 2H
Doddridge County, WV



REMARKS
QUADRANGLE: OXFORD
WATERSHED: CABIN RUN
DISTRICT: CENTRAL

November 24, 2014

RECEIVED
Office of Oil and Gas
DEC 01 2014
WV Department of
Environmental Protection