

LATITUDE 39°15'00"

6,306'

9,818' TO BOTTOM HOLE

LATITUDE 39°17'30"

LONGITUDE 80°52'30"

4,263'

9,911' TO BOTTOM HOLE

LONGITUDE 80°52'30"

Antero Resources Corporation
Well No. Caldwell Unit 2H

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

8559

8560

3722

WELL NO. 2H

4482

8561

4411

3000'

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8622

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NOTES:
WELL 2H TOP HOLE INFORMATION:
N: 271,981ft E: 1,604,244ft
LAT: 39°14'17.87" LON: 80°53'50.15"
BOTTOM HOLE INFORMATION:
N: 281,562ft E: 1,600,879ft
LAT: 39°15'52.04" LON: 80°54'34.83"
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: 4,343,235m E: 508,881m
BOTTOM HOLE INFORMATION:
N: 4,346,137m E: 507,807m

NOTE:
NO OCCUPIED DWELLINGS OR BUILDINGS TWO
THOUSAND FIVE HUNDRED (2,500) SQUARE FEET
OR LARGER USED TO HOUSE OR SHELTER CATTLE
OR POLICRY HUSBANDRY ARE LOCATED
WITHIN SIX HUNDRED TWENTY-FIVE (625) FEET
OF THE CENTER OF THE WELL PAD.



JOB # 14-064WA
DRAWING # CALDWELL2H
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
⊕ Iron Rod, Found

DOUGLAS R. ROWE P.S. 2202
DATE 10/13/14
OPERATOR'S WELL# CALDWELL UNIT #2H
API WELL # 47 - 085 - 10190
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.



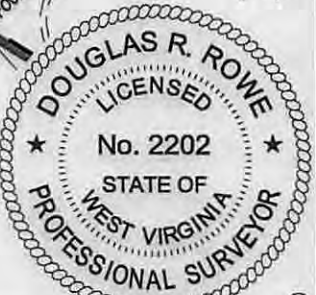
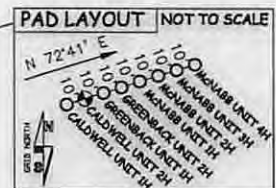
STATE OF WEST VIRGINIA, DIVISION
OF ENVIRONMENTAL PROTECTION,
OFFICE OF OIL AND GAS

WILLOW LAND SURVEYING PLLC
220 MASONIC AVE. PENNSBORO
WEST VIRGINIA 26415

STATE OF WEST VIRGINIA DEPT. OF ENERGY DIVISION OF OIL AND GAS
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF "GAS") PRODUCTION STORAGE DEEP SHALLOW
LOCATION: ELEVATION 1,099' WATERSHED CABIN RUN
QUADRANGLE PULLMAN 7.5' (TH) PENNSBORO 7.5' (BH) DISTRICT CLAY COUNTY RITCHIE

SURFACE OWNER JACK D. MACKAY ET AL ACREAGE 235.03 ACRES +/-
OIL & GAS ROYALTY OWNER WM. VANCAMPEN; ANN BATTA ET AL; M.B. NUTTER ET UX; EILEEN SHERRER ET AL LEASE ACREAGE 312 AC±; 111 AC±; 400 AC±; 500 AC±

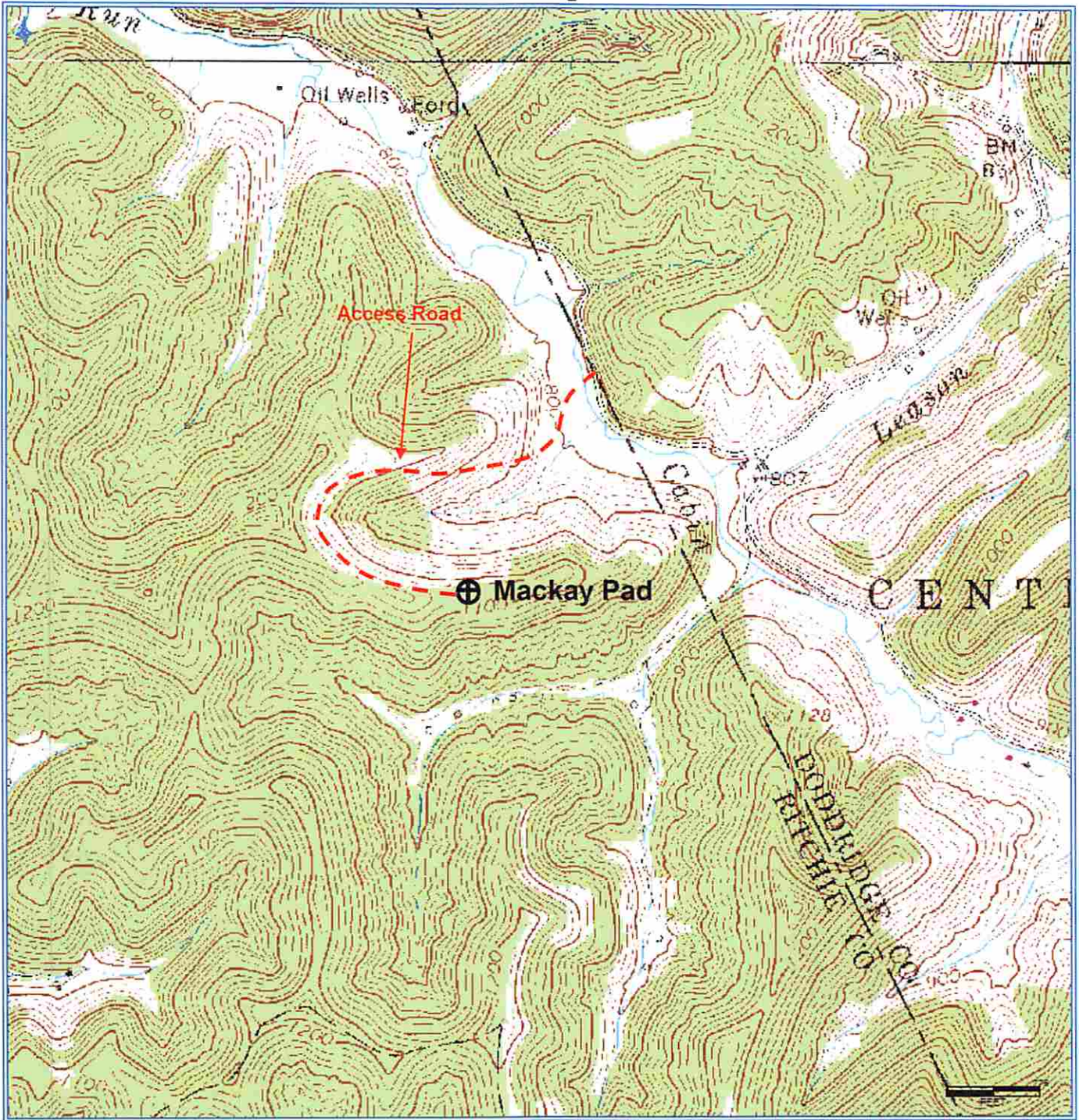
PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON CLEAN OUT & REPLUG
TARGET FORMATION MARCELLUS ESTIMATED DEPTH 6,700' TVD 17,600' MD
WELL OPERATOR ANTERO RESOURCES CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1615 WYNKOOP STREET ADDRESS 5400 D BIG TYLER ROAD
FORM WW-5 DENVER, CO 80202 CHARLESTON, WV 25313



COUNTY NAME PERMIT

01/16/2015

4708510190



Received
Office of Oil & Gas
DEC 01 2014

Antero Resources Corporation
Appalachian Basin
Caldwell Unit 2H
Ritchie County
Quadrangle: Pennsboro/Pullman
Watershed: North Fork Hughes River
District: Clay
Date: 3-10-2014