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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, S.E.  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Friday, June 28, 2019  
WELL WORK PLUGGING PERMIT  
Horizontal Plugging

BRC OPERATING COMPANY, LLC  
200 CRESCENT COURT, SUITE 1900

DALLAS, TX 75201

Re: Permit approval for MWV RUPERT 7H  
47-067-00946-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Upon completion of the plugging well work, the above named operator will reclaim the site according to the provisions of WV Code 22-6-30. Please be advised that form WR-38, Affidavit of Plugging and Filling Well, is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.

  
James A. Martin  
Chief

Operator's Well Number: MWV RUPERT 7H  
Farm Name: WEYERHAEUSER COMPANY  
U.S. WELL NUMBER: 47-067-00946-00-00  
Horizontal Plugging  
Date Issued: 06/28/2019

Promoting a healthy environment.

# PERMIT CONDITIONS

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

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1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
3. Well work activities shall not constitute a hazard to the safety of persons.

MWV Rupert 7H

5-1/2" 20# P110 production casing set at 12,612' and cemented to surface/topped off  
Shallowest perforation is @ 8,233'

MIRU workover rig and BOP

Perform BOP function test

RIH with wire line and remove retrievable csg plugs @ 2,000 & 1,496'

PU 2-7/8" workstring with mill and drill out stuck CIBP @ 2,500'

Circulate Clean and POOH

Fill casing with 6% GEL

RIH with wire line and set CIBP @ 7153'

7153' - 6822'  
~~7,000 - 6,900~~ JEP

TIH with 2-7/8" workstring open ended to 6,030' 7153'

RU Halliburton cement unit

M&P 6.3 bbl Class A cement @ 15.6 ppg

Set 2<sup>nd</sup> plug from 6100' - 5916' ~~6100 - 5660~~ JEP

Displace with 6% GEL

POOH 3 stands above 5,630' and WOC

Add 100 cement plug 3050 - 2950 JEP

TIH and tag cement. ADD CEMENT IF NEEDED

M&P 6.3 bbl Class A cement @ 15.6 ppg

Set 3<sup>rd</sup> balanced plug from 3100' - 2816' (ELU. 3040')

Displace with 6% GEL. POOH 3 stands above 1,160'

WOC. TIH and tag cement. ADD CEMENT IF NEEDED.

M&P 6.3 bbl Class A cement @ 15.6 ppg

Set 5<sup>th</sup> plug from 200' to surface. WOC

Cut production, intermediate and surface casing 2' below surface

Weld cap with API number and set monument.



★ SET 4<sup>TH</sup> PLUG W/ 6.3 BBLS  
15.6<sup>TH</sup> CEMENT FROM 1605' - 1321' JEP

JNM

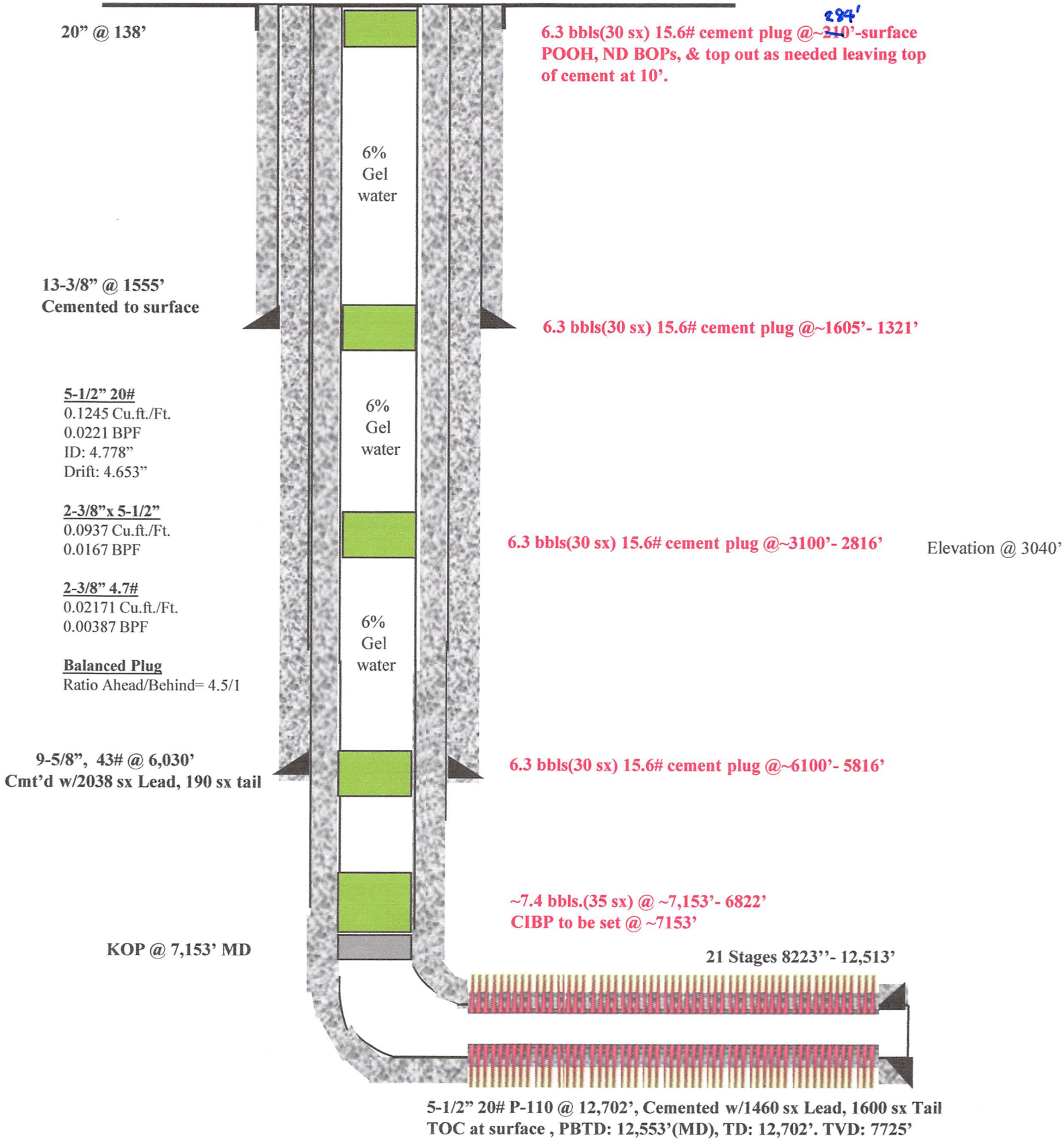
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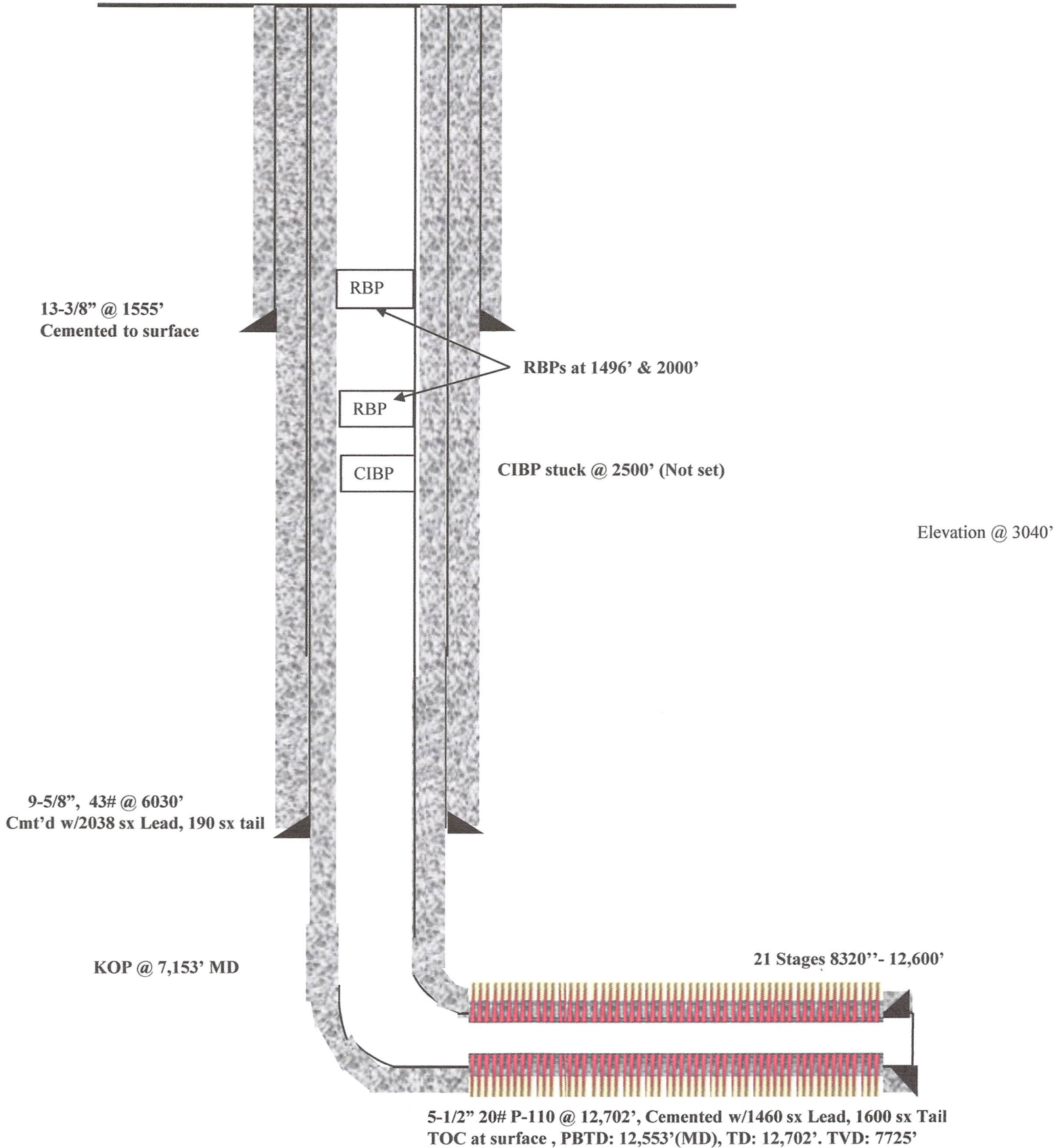
**BRC Operating Company, LLC**  
**MWV Rupert #7H**  
**API No. 47-067-00946**  
**Proposed Wellbore Schematic**

Prepared by: Tim McGilvray



**BRC Operating Company, LLC**  
**MWV Rupert #7H**  
**API No. 47-067-00946**  
**Present Wellbore Schematic**

Prepared by: Tim McGilvray



WR-35  
Rev (9-11)

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

DATE: 1/22/13 REV. 11/12/14  
API #: 47-67-00946

Farm name: MeadWestvaco Corp Operator Well No.: MWV Rupert 7H

LOCATION: Elevation: 3,040 Quadrangle: Richwood

District: Kentucky County: Nicholas  
Latitude: 650 Feet South of 38 Deg. 12 Min. 30 Sec.  
Longitude 9600 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: BRC Operating Company, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
200 Crescent Court, Suite 200 Dallas, TX 75201	20"	138'	138'	207 Tail
Agent: Marc A. Montelcone	13 3/8"	1,555'	1,555'	1,560 Tail
Inspector:	9 5/8"	6,030'	6,030'	2,038 Lead/190 Tail
Date Permit Issued: 3/22/11	5 1/2"	12,552'	12,552'	1,400 Lead/1,650 Tail
Date Well Work Commenced: 4/11/11				
Date Well Work Completed: 5/18/11	PLUGS			2,015 Tail
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,695				
Total Measured Depth (ft): 12,552				
Fresh Water Depth (ft.): 182				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7,650 - 7,810  
Gas: Initial open flow 2,369 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 650 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 3,100 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

  
Signature

4/12/2014  
Date

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes X No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list \_\_\_\_\_  
Gamma Ray / CCL Casing Collar Locator

**NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.**

Perforated Intervals, Fracturing, or Stimulating:

Perforations: 12,513' - 8,233' 525 Holes

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: \_\_\_\_\_ Top Depth / \_\_\_\_\_ Bottom Depth  
Surface:

<u>Geologic Age</u>	<u>Formation</u>	<u>Lithology</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Mississippian	Greenbrier	Limestone	2490	2543
Mississippian		Shale	2543	2858
Mississippian	Injun	Sandstone	2858	2875
Mississippian		Shale	2875	2884
Mississippian	Squaw	Sandstone	2884	2890
Mississippian		Shale	2890	2967
Mississippian	Weir	Sandstone	2967	2975
Mississippian		Shale	2975	3433
Mississippian	Berea	Sandstone	3433	3455
Mississippian		Shale	3455	3523
Devonian	Gordon	Sandstone	3523	3548
Devonian		Siltstone & Shale	3548	4493
Devonian	Huron	Shale	4493	7382
Devonian	Rhinestreet	Organic Shale	7382	
Devonian	Marcellus	Organic Shale	7620	

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47-067-00946

FORM WW 6 LONG. 80°34'29.9" 9,600' LATITUDE 38°12'30"

# MWV RUPERT LEASE

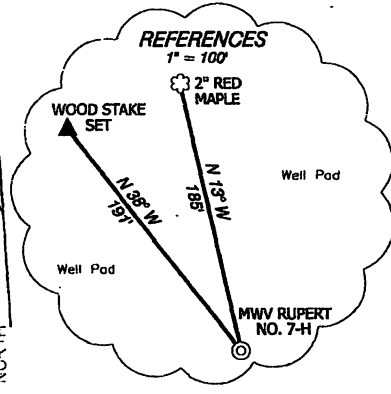
## 4,797.24 ACRES±

### MWV RUPERT NO. 7-H

**MWV RUPERT NO. 7-H**  
 STATE PLANE COORDINATES SOUTH ZONE  
 (N) 439616 (E) 2122125

**MWV RUPERT NO. 7-H**  
 L & L DECIMAL  
 38.20655 80.57498

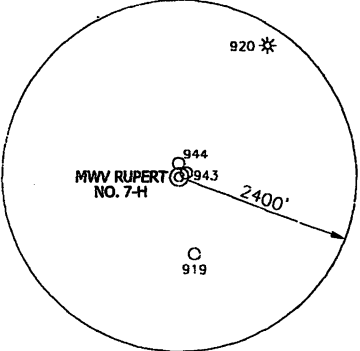
**MWV RUPERT NO. 7-H**  
 UTM (NAD 83)  
 4228830 537228



**MWV RUPERT NO. 7-H**  
 LANDING POINT STATE PLANE COORDINATES SOUTH ZONE  
 (N) 438580 (E) 2122185

**MWV RUPERT NO. 7-H**  
 LANDING POINT L & L DECIMAL  
 38.20370 80.57479

**MWV RUPERT NO. 7-H**  
 LANDING POINT UTM (NAD 83)  
 4228515 537246



**NOTES ON SURVEY**

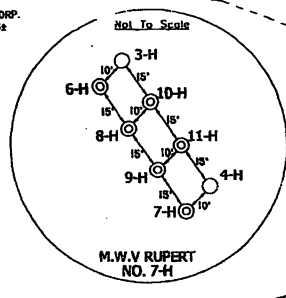
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 10-08-10.

LEASE BOUNDARY SHOWN HEREON TAKEN FROM A DEED AT DEED BOOK 419 AT PAGE 187 AND INFORMATION PROVIDED BY BRC OPERATING CO., LLC.

SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF NICHOLAS COUNTY IN MAY, 2010 AND INFORMATION PROVIDED BY BRC OPERATING CO., LLC.

WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).

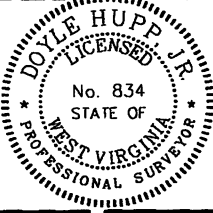


**MWV RUPERT NO. 7-H**  
 BOTTOM HOLE L & L DECIMAL  
 38.19512 80.58401

**MWV RUPERT NO. 7-H**  
 BOTTOM HOLE UTM (NAD 83)  
 4227567 538194

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DIVISION OF ENVIRONMENTAL PROTECTION.

P.S. 834 *Doyle Hupp Jr.*  
**HUPP Surveying & Mapping**  
 P.O. Box 647 Grantsville, WV 26147  
 (304) 354-7035 EMAIL: hupp@frontiernet.net



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS.

DATE MARCH 3, 20 11

OPERATORS WELL NO. MWV RUPERT NO. 7-H

API WELL NO. 47-067-00946

STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1834 (BK47-28)

PROVEN SOURCE OF ELEVATION DGPS (SUBMETER GRADE) SCALE 1" = 1000'

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

WELL TYPE : OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_ IF "GAS" PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION : ELEVATION 3,040' WATERSHED LITTLE LAUREL CREEK

DISTRICT KENTUCKY COUNTY NICHOLAS QUADRANGLE RICHWOOD 7.5'

SURFACE OWNER MEADWESTVACO CORP. ACREAGE 4,958.75±

ROYALTY OWNER MEADWESTVACO CORP., et al LEASE ACREAGE 4,797.24±

PROPOSED WORK : LEASE NO. \_\_\_\_\_

DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_ OTHER \_\_\_

PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ TARGET FORMATION MARCELLUS SHALE

ESTIMATED DEPTH TVD-7,742' MVD-12,900'

WELL OPERATOR BRC OPERATING CO., LLC DESIGNATED AGENT MARC A. MONTELEONE

ADDRESS 200 CRESCENT COURT, SUITE 200 DALLAS, TX 75201 ADDRESS P.O. Box 1386 Charleston WV 25325

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PERMIT



Form W-9

# BRC OPERATING CO., LLC. MWV RUPERT 7-H

67-00946H

Page 7 of 7

 Install Minimum 12" Culvert

ALL EROSION CONTROL MEASURES AND EXISTING DRAINAGE OR DRAINAGE NOTES AND SHALL BE MAINTAINED IN ACCORDANCE WITH DEP 01. AND DEP DEP MANUAL. DISTURBANCES AT CONSTRUCTION SITES SHALL BE MAINTAINED IN ACCORDANCE WITH WV DEP REGULATIONS. SCHEDULED PERMITS MAY BE REQUIRED BY THE STATE.

SEEDING, EROSION TRAPS AND APPROPRIATE EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED AT ALL CULVERT AND EROSION TRAP INLETS AND OUTLETS AS ADDRESS IN THE WV DEP 01. AND DEP DEP MANUAL. FIELD CONDITIONS GOVERN OVERCEPT AND MEASUREMENT PERMITS DRAIN TRAP BEING INSTALLED. WHEN THESE CONDITIONS EXIST, ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED.

INSTALLATION CONTRACTORS ARE RESPONSIBLE FOR NOTIFYING TO THE OPERATOR AND INSPECTOR PRIOR TO ANY DEVIATION FROM THIS PLAN.

CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT.

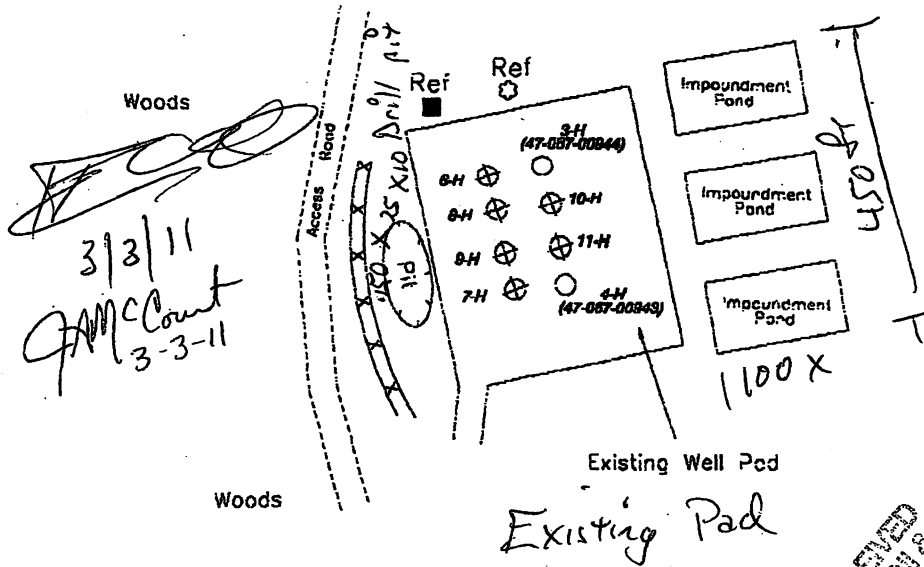
TEMPORARILY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATIONS.

CUT AND STACK ALL TREES ABOVE 6-INCHES IN DIAMETER AND THICKER.

STACK BELOW BELOW LOCATION FOR SEDIMENT CONTROL.

### Detail Sketch for MWV Rupert 7-H

Woods



Drawing Not To Scale NORTH

**HUPP Surveying & Mapping**

P.O. BOX 647 GRANTSVILLE, WV 26147  
PH: (304) 354-7933 E-MAIL: hupp@grantnet.net

Drafted BY:

DB

Date Drafted:

10/18/10

Job Number:

W20081834

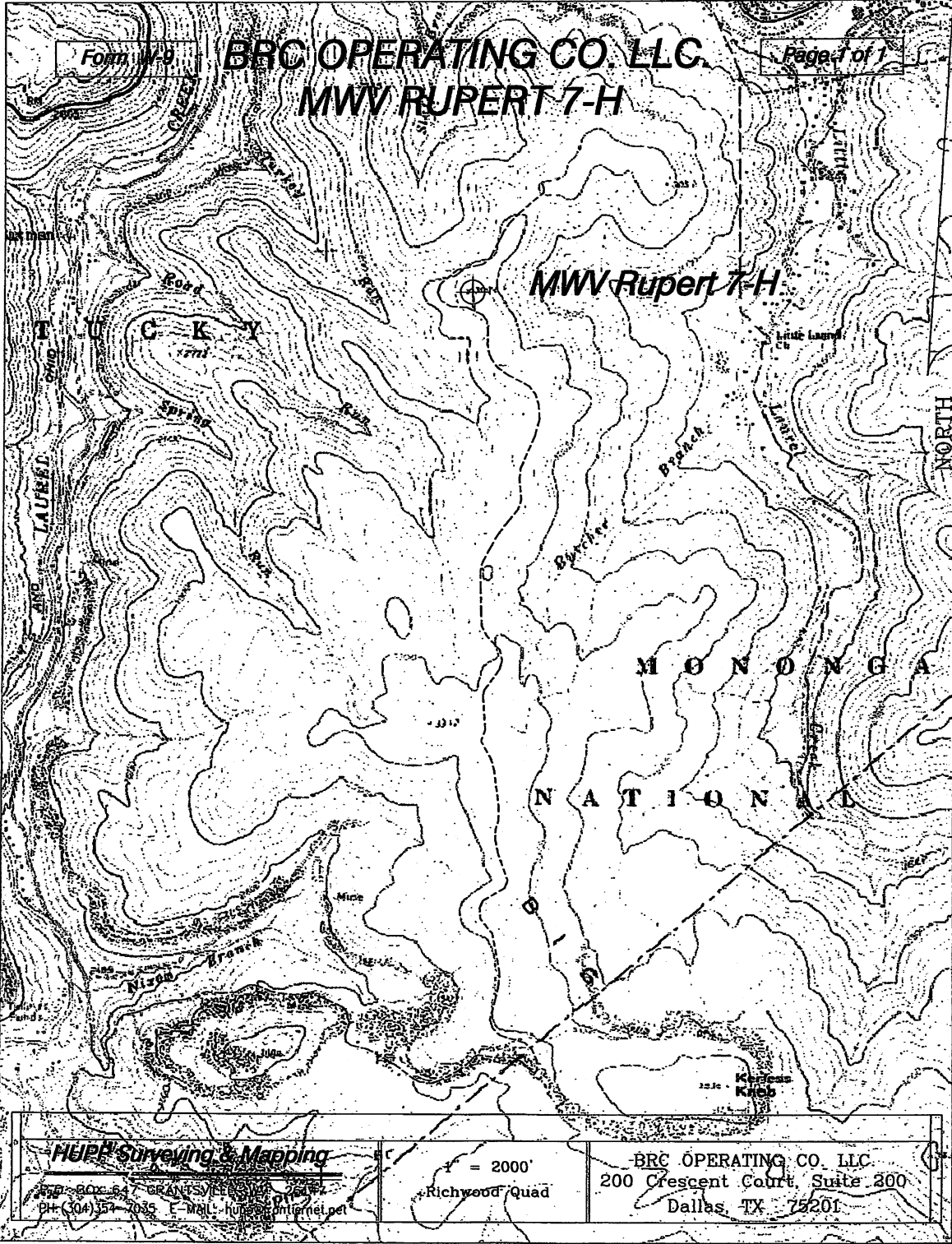
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# BRC OPERATING CO. LLC MWV RUPERT 7-H



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WW-4B  
Rev. 2/01

- 1) Date February 20, 20 19
- 2) Operator's  
Well No. MWV Rupert 7H
- 3) API Well No. 47-67 - 00946 P

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS

APPLICATION FOR A PERMIT TO PLUG AND ABANDON

- 4) Well Type: Oil \_\_\_ / Gas X / Liquid injection \_\_\_ / Waste disposal \_\_\_ /  
(If "Gas, Production \_\_\_ or Underground storage \_\_\_) Deep \_\_\_ / Shallow X
- 5) Location: Elevation 3040' Watershed Staff Branch  
District Kentucky County Nicholas Quadrangle Richwood 7.5
- 6) Well Operator BRC Operating Company, LLC 7) Designated Agent Charles Brightman  
Address 200 Crescent Court, Suite 1900 Address 286 Sunday Rd.  
Dallas, TX 75201 Hico, WV 25854
- 8) Oil and Gas Inspector to be notified Name Jeremy James  
Address P.O. Box 36  
Clendenin, WV 25045
- 9) Plugging Contractor Name Halliburton  
Address 4999 East Pointe Dr.  
Zanesville, OH 43701

10) Work Order: The work order for the manner of plugging this well is as follows:  
**See attached**

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Office of Oil and Gas

APR 10 2019

WV Department of  
Environmental Protection

Notification must be given to the district oil and gas inspector 24 hours before permit work can commence.

Work order approved by inspector  Date 3-29-19

47-067-00946 P

WW-4A  
Revised 6-07

1) Date: February 20, 2019  
2) Operator's Well Number  
MWV Rupert 7H  
3) API Well No.: 47 - 67 - 00946

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Owner(s) to be served: (a) Name Weyerhaeuser Company, Address 220 Occidental Ave South, Seattle, WA 98104. (b) Name, Address. (c) Name, Address. 5) (a) Coal Operator Name N/A, Address. (b) Coal Owner(s) with Declaration Name N/A, Address. (c) Coal Lessee with Declaration Name N/A, Address. 6) Inspector Jeremy James, Address P.O. Box 36, Clendenin, WV 25045, Telephone 304-951-2596.

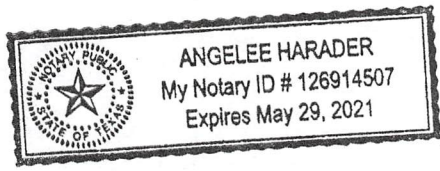
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (1) The application to Plug and Abandon a Well on Form WW-4B, which sets out the parties involved in the work and describes the well its and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form WW-6.

The reason you received these documents is that you have rights regarding the application which are summarized in the instructions on the reverses side. However, you are not required to take any action at all.

Take notice that under Chapter 22-6 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a permit to plug and abandon a well with the Chief of the Office of Oil and Gas, West Virginia Department of Environmental Protection, with respect to the well at the location described on the attached Application and depicted on the attached Form WW-6. Copies of this Notice, the Application, and the plat have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Chief.

Well Operator BRC Operating Company, LLC  
By: Charles Brightman  
Its: Agent  
Address 286 Sunday Rd., Hico, WV 25854  
Telephone 304-880-8121



Subscribed and sworn before me this 2nd day of April, 2019  
Angelee Harader Notary Public  
My Commission Expires 5-29-2021

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WV Department of Environmental Protection

Oil and Gas Privacy Notice

The Office of Oil and Gas processes your personal information, such as name, address and phone number, as a part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at [depprivacyoffier@wv.gov](mailto:depprivacyoffier@wv.gov).

47-067-00946 P

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Certified Mail Fee	\$3.50
Extra Services & Fees (check box, add fee as appropriate)	\$2.80
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

0126  
04

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Here

Postage	\$1.15
Total Postage and Fees	\$7.45

04/02/2019

Sent To **Weyerhaeuser Company**  
**ATTN: Mr. Bill Niemi**  
 Street and PO Box No. \_\_\_\_\_  
**220 Occidental Ave South**  
 City, State, ZIP+4®  
**Seattle, WA 98104**

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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APR 10 2019  
WV Department of  
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**SURFACE OWNER WAIVER**

Operator's Well  
Number

MWV Rupert 7H

**INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

**NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.  
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:**

Chief, Office of Oil and Gas  
Department of Environmental Protection  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0450

**Time Limits and methods for filing comments.** The law requires these materials to be served on or before the date the operator files his Application. You have **FIVE (5) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

**If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.**

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners and that I have received copies of the permit and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B, and a survey plat.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

**FOR EXECUTION BY A NATURAL PERSON  
ETC.**

**FOR EXECUTION BY A CORPORATION,**

_____	Date _____	Name _____	_____
Signature		By _____	_____
		Its _____	Date _____
		Signature _____	Date _____

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Office of Oil and Gas  
APR 10 2019  
WV Department of Environmental Protection

47-067-00946P

WW-9  
(5/16)

API Number 47 - 67 - 00946  
Operator's Well No. MWV Rupert 7H

STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL AND GAS  
FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name BRC Operating Company, LLC OP Code \_\_\_\_\_

Watershed (HUC 10) Staff Branch Quadrange Richwood 7.5

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes  No

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: N/A

Will a synthetic liner be used in the pit? Yes  No  If so, what ml.? \_\_\_\_\_

Proposed Disposal Method For Treated Pit Wastes:

- Land Application (if selected provide a completed form WW-9-GPP)
- Underground Injection ( UIC Permit Number \_\_\_\_\_)
- Reuse (at API Number \_\_\_\_\_)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

ANY WELL EFFLUENT WILL BE CONTAINED IN TANKS AND DISPOSED OF OFFSITE TO A UNDERGROUND INJECTION WELL JMM

Will closed loop system be used? If so, describe: N/A

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. N/A

-If oil based, what type? Synthetic, petroleum, etc. N/A

Additives to be used in drilling medium? N/A

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. N/A

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A

-Landfill or offsite name/permit number? N/A

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature *Charles Brightman*

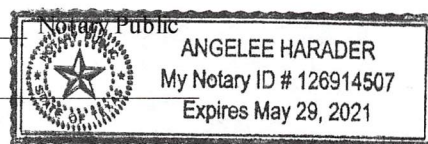
Company Official (Typed Name) CHARLES BRIGHTMAN

Company Official Title DESIGNATED AGENT

Subscribed and sworn before me this 3rd day of April, 2019

*Angelee Harader*

My commission expires 5-29-2021



Proposed Revegetation Treatment: Acres Disturbed +1 - 5.7 Prevegetation pH \_\_\_\_\_

Lime 5 gals = 2.5 Tons/acre or to correct to pH 6.5

Fertilizer type Liquid starter eq(10-20-20)

Fertilizer amount 7 gals = 500 lbs/acre

Mulch Hydro jet & fiber = 500 / EA Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

N/A

Tall Fescue Blend 250

43% Kentucky 31 Tall Fescue, 43% Red Fescue

7% White Clover, 7% Annual Rye

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, provide water volume, include dimensions (L, W, D) of the pit, and dimensions (L, W), and area in acres, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Jeremy James

Comments: Move BCibp from 6030 to <sup>7153'</sup> 7,000, set 100ft cement plug 7000-6900. Add 100ft cement plug 3050-2950 (seal level)

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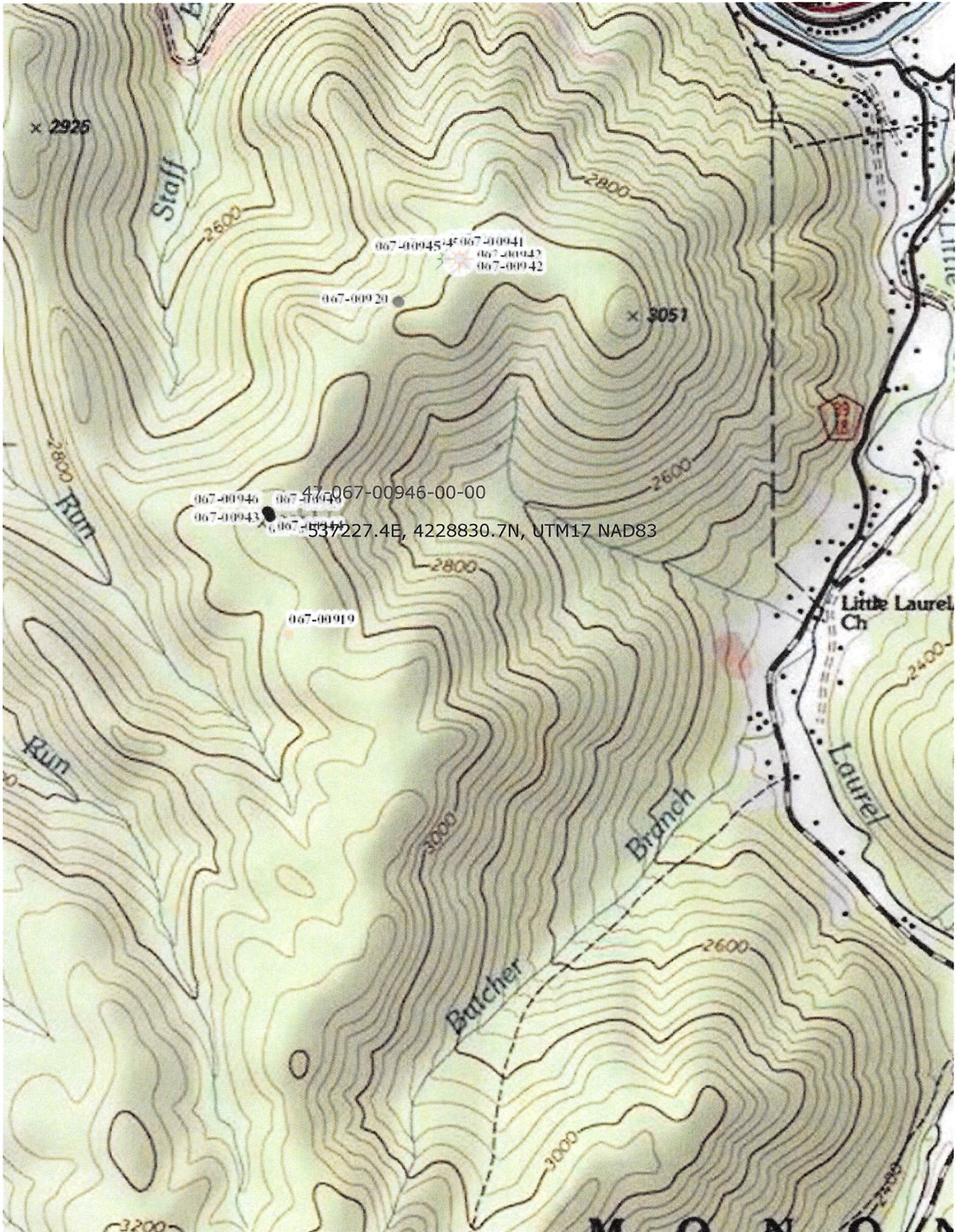
WV Department of  
Environmental Protection

Title: Inspector OOG

Date: 3-29-19

Field Reviewed? (  ) Yes (  ) No





WW-7  
8-30-06



West Virginia Department of Environmental Protection  
Office of Oil and Gas  
**WELL LOCATION FORM: GPS**

API: 47-6700946 WELL NO.: MWV Rupert 7H

FARM NAME: \_\_\_\_\_

RESPONSIBLE PARTY NAME: BRC Operating Company, LLC

COUNTY: Nicholas DISTRICT: Kentucky

QUADRANGLE: Richwood 7.5

SURFACE OWNER: Weyerhaeuser Company

ROYALTY OWNER: Westrock Company

UTM GPS NORTHING: 4228830.71

UTM GPS EASTING: 537227.44 GPS ELEVATION: 3040'

The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:

1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.
2. Accuracy to Datum – 3.05 meters
3. Data Collection Method:

Survey grade GPS  : Post Processed Differential \_\_\_\_\_  
Real-Time Differential

Mapping Grade GPS \_\_\_\_\_ : Post Processed Differential \_\_\_\_\_  
Real-Time Differential \_\_\_\_\_

4. Letter size copy of the topography map showing the well location.

I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.

Signature

DESIGNATED AGENT  
Title

4/16/19  
Date

200 Crescent Court  
Suite 200  
Dallas, Texas 75201

April 5, 2019

Mr. James Martin  
Director of the Office of Oil and Gas  
West Virginia Department of Environmental Protection  
Office of Oil and Gas  
601 57<sup>th</sup> St SE  
Charleston, WV 25304

ATTN: Mr. James Martin

RE: BRC Operating Company, LLC  
Deep Vertical Gas Well Development  
**Operators Well Number: Rupert 7H**  
**API Well Number: 47-6700946**  
**Submission of Well Work Permit Modification Plug and Abandon Permit**

Please find attached application for "Plug & Abandon" of the above referenced well.

Pursuant to submittal requirements of the application, find attached "Plugging Permit Checklist" which serves to summarize all included documents.

Both the surface owner and coal owner have been provided Waiver forms in order to expedite approval of the permit. Both have assured me that the waivers will be signed and are forth coming. In an effort to proceed, absent the waivers; I have provided notice to each by certified mail. Upon receipt of the waiver, I will forward them under separate cover to the OOG.

Should you have any questions or may require an on-site meeting, please do not hesitate to contact me at 304-880-8121, or via email at [cdbrightman@live.com](mailto:cdbrightman@live.com).

Respectfully,

  
Charles Brightman

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WV Department of  
Environmental Protection

Cc: Chad Touchet, Vice President BRC Operating Company, LLC

11/10/2016

PLUGGING PERMIT CHECKLIST

Plugging Permit

- WW-4B
- WW-4B signed by inspector
- WW-4A
  
- SURFACE OWNER WAIVER or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
  
- COAL OWNER/COAL OPERATOR/COAL LESSEE WAIVERS or PROOF THAT APPLICATION WAS SENT BY REGISTERED OR CERTIFIED MAIL
- WW-9 PAGE 1 (NOTARIZED)
- WW-9 PAGE 2 with attached drawing of road, location, pit and proposed area for land application
- WW-9 GPP PAGE 1 and 2 if well effluent will be land applied
- RECENT MYLAR PLAT OR WW-7
- WELL RECORDS/COMPLETION REPORT
- TOPOGRAPHIC MAP OF WELL, SHOWING PIT IF PIT IS USED
- MUST HAVE VALID BOND IN OPERATOR'S NAME
- CHECK FOR \$100 IF PIT IS USED

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