



west virginia department of environmental protection

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

Austin Caperton, Cabinet Secretary
www.dep.wv.gov

Wednesday, July 31, 2019
WELL WORK PLUGGING PERMIT
Vertical Plugging

BRC OPERATING COMPANY, LLC
200 CRESCENT COURT, SUITE 1900
DALLAS, TX 75201

Re: Permit approval for RUPERT 3
47-025-00031-00-00

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: RUPERT 3
Farm Name: WEYERHAEUSER COMPANY
U.S. WELL NUMBER: 47-025-00031-00-00
Vertical Plugging
Date Issued: 7/31/2019

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

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.

WW-4B
Rev. 2/01

1) Date February 20, 2019
2) Operator's Well No. MWV Rupert 3
3) API Well No. 47-25 - 00031 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 3275 Watershed Laurel Creek
District Meadow Bluff County Greenbrier Quadrangle Quinwood 7.5'
- 6) Well Operator BRC Operating Company, LLC 7) Designated Agent Chuck Brightman
Address 200 Crescent Court, Suite 1900 Address _____
Dallas, TX 75201
- 8) Oil and Gas Inspector to be notified Name Gary Kennedy 9) Plugging Contractor Name Halliburton
Address Route 5, Box 301 Address 4999 East Pointe Dr.
Bluefield WV 24701 Zanesville, OH 43701

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

MWV RUPERT 3

- MISC WORKOVER RIG AND BOP
- FILL WELL BORE W/ FRESH WATER.
- RUN CBL TO DETERMINE TOC ON 4 1/2" CASING.
- TIE W/ 2 7/8" WORK STRING OPEN ENDED TO ~ 8000' & SET CLASS A CEMENT PLUG FROM 8000' - 7662' WITH ~ 5.3 BBLs OF 15.6# CLASS A CEMENT.
- POOH SEVERAL STANDS TO WOC. TAG PLUG. ADD CLASS A CEMENT IF NEEDED.
- FILL WELL BORE W/ 6% GEL, KEEPING GEL ABOVE ALL PLUGS.

IF 4 1/2" CUT IS BELOW 4077' (7" SHOE)
IF CUT IS ABOVE 7" SHOE

SET 200' CLASS A CEMENT PLUG ACROSS CASING CUT. POOH A FEW STANDS & WOC, ADD CEMENT IF NEEDED.
SET 368' CLASS A CEMENT PLUG ACROSS SHOE @ 4077' FROM 426' TO 3893'
THEN SET A 338' CLASS A PLUG ACROSS 7" SHOE AND A 243' CLASS A CEMENT PLUG ACROSS THE CUT, WITH 50' INSIDE 4 1/2" CASING. (SEE NEXT PAGE)

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APR 10 2019

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

Work order approved by inspector Gary Kennedy Date 3/29/19

MWV Rupert 3

Check Rock Pressure

4-1/2" 11.6# L80 production casing set at ~~7,830'~~ and cemented to ~~surface/topped off~~

Previous plug set @ 8,058'

MIRU workover rig and BOP

Perform BOP function test

Fill casing with 6% KCl mud.

TIH with 2-7/8" workstring open ended to 1,855

RU Halliburton cement unit

M&P 4.5 bbl Class A cement @ 15.6 ppg

Set 1st balanced plug from 1,855 to 1,455'

Displace with 6% KCl mud

POOH 3 stands above 1,130' and WOC

TIH and tag cement.

M&P 4.5 bbl Class A cement @ 15.6 ppg

Set 2nd plug from 400' to surface. WOC

Cut production, intermediate and surface casing 2' below surface

Weld cap with API number and set monument.

- POOH SEVERAL STANDS & WOC. TAG CEMENT. ADD CEMENT IF NEEDED.
- ADD GEL IF NEEDED.
- SET NEXT PLUG FROM 1910' - 1697' w/ 8.4 BBLs (405X) OF CLASS A 15.6# CEMENT.
- POOH, A FEW STANDS AND WOC. TAG PLUG. ADD CEMENT IF NEEDED.
- ADD GEL IF NEEDED.
- SET A TOPHOLE PLUG w/ 8.4 BBLs (405X) OF 15.6# CLASS A CEMENT FROM 210' TO SURFACE.
- POOH, NO. BOPS & TOP OUT AS NEEDED LEAVING TOC @ 10'.
- SET MONUMENT PER WV STATE CODE.

JWM

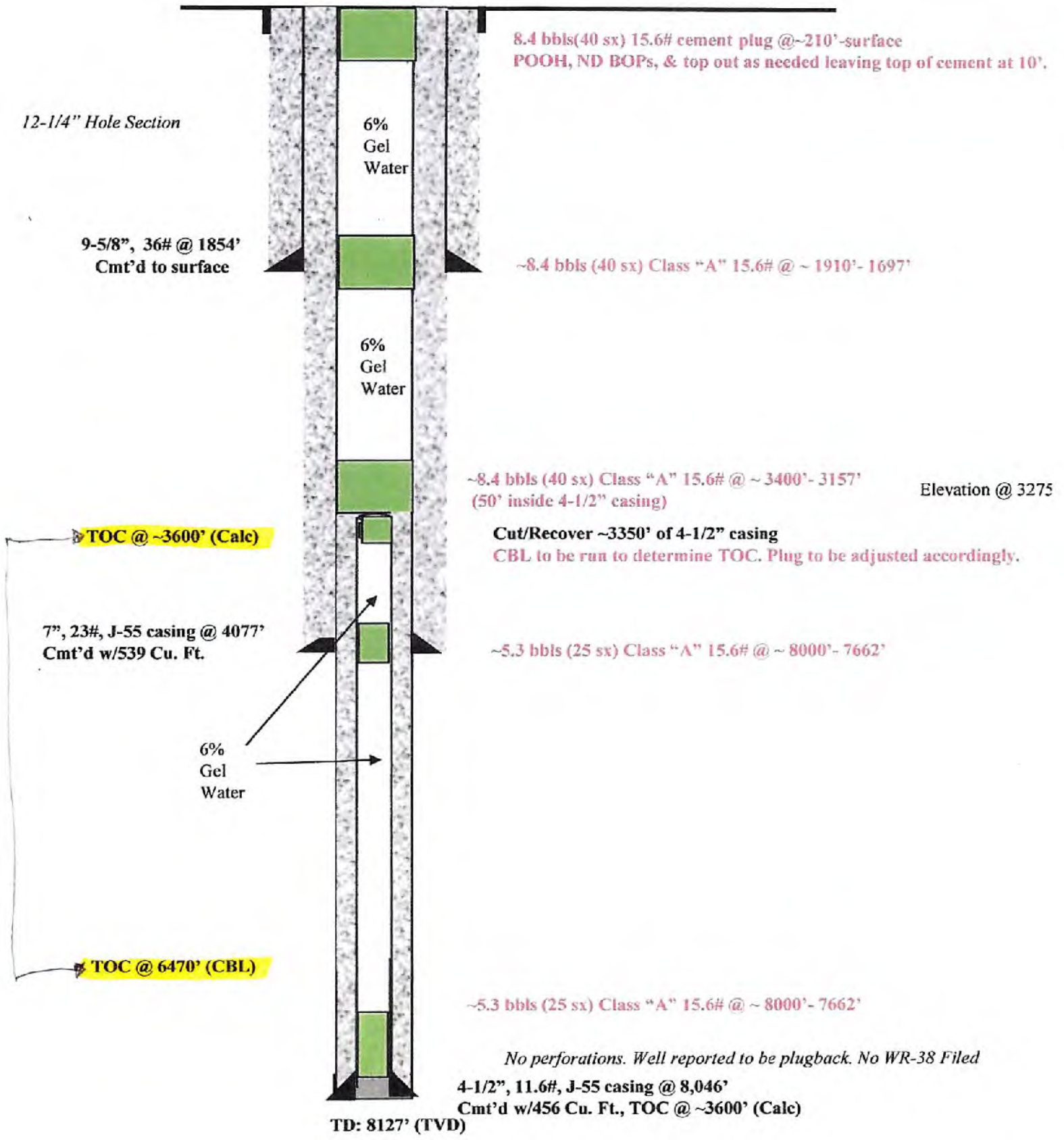
7/30/2019

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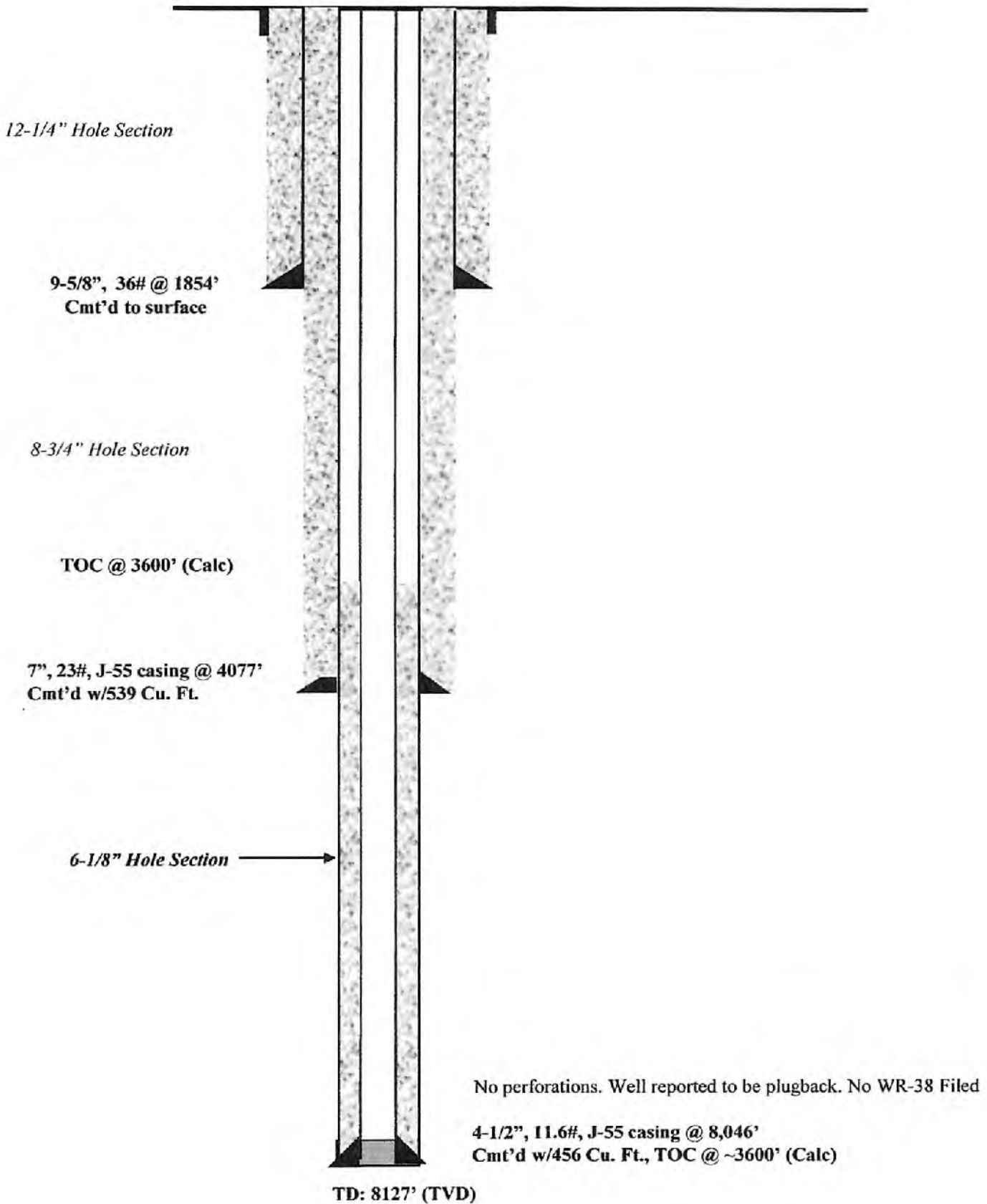
APR 10 2019

WV Department of
Environmental Protection

BRC Operating Company, LLC
MWV Rupert 3
API No. 47-025-00031
Proposed Wellbore Schematic



BRC Operating Company, LLC
MWV Rupert 3
API No. 47-025-00031
Present Wellbore Schematic



12-1/4" Hole Section

9-5/8", 36# @ 1854'
Cmt'd to surface

8-3/4" Hole Section

TOC @ 3600' (Calc)

7", 23#, J-55 casing @ 4077'
Cmt'd w/539 Cu. Ft.

6-1/8" Hole Section →

No perforations. Well reported to be plugback. No WR-38 Filed

4-1/2", 11.6#, J-55 casing @ 8,046'
Cmt'd w/456 Cu. Ft., TOC @ ~3600' (Calc)

TD: 8127' (TVD)

WR-35
Rev (5-01)

JF

API #: 47-2500031

MS
CR

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas

Well Operator's Report of Well Work

Farm name: _____ Operator Well No.: MWV Rupert #3

LOCATION: Elevation: 3275' Quadrangle: Quinwood

District: Meadow Bluff County: Greenbrier
Latitude: 10.650 Feet South of 38 Deg. 02 Min. 30 Sec.
Longitude 9.390 Feet West of 80 Deg. 40 Min 00 Sec.

Company: BRC operating Co. LLC

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 200 Crescent Court, Suite 200 Dallas, TX 75201	9 5/8", 36#, J-55	1854	1854	CTS 709 Cu. Ft.
Agent: Marc Monteleone Inspector: Joe McCourt	7", 23#, J-55	4077	4077	539 Cu. Ft.
Date Permit Issued: February 2, 2009	4 1/2", 11.6#, J-55	8046	8046	456 Cu. Ft.
Date Well Work Commenced: March 26, 2009				
Date Well Work Completed: April 29, 2009				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Depth (feet): 8139'				
Fresh Water Depth (ft.): 330'				
Salt Water Depth (ft.): 2580'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				

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JUL 19 2010

WV Department of
Environmental Protection

OPEN FLOW DATA N/A WELL NOT PERFORATED

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

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

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: Donald B. Compe
By: Donald B. Compe
Date: 7/16/09

Well logged by: Schlumberger

Total Depth: 8127'

Strata	Depths	Remarks
New River Fm.	Surface	
Sand and shale	0' - 100'	
Sand	100' - 122'	
Shale	122' - 142'	
Coal	142' - 144'	
Shale	144' - 200'	
Coal	200' - 202'	
Sand	202' - 220'	
Shale	220' - 288'	
Coal	288' - 290'	
Shale	290' - 352'	
Sand	352' - 384'	
Shale	384' - 634'	
Sand	634' - 675'	
Sand and shale	675' - 1648'	
Ravenclyff	1648' - 1690'	
Shale	1690' - 2260'	
Lwr Maxim	2260' - 2348'	
Greenbrier	2348' - 2550'	
Big Lime	2550' - 3063'	
Keener	3063' - 3314'	
Big Injun	3314' - 3430'	
Weir	3430' - 3632'	
Shale	3632' - 3954'	
Berea	3954' - 4114'	
Gordon	4114' - 4160'	
Sand and shale	4160' - 7248'	
Sycamore	7248' - 7700'	
Rhinestreet	7700' - 7809'	
Shale	7809' - 7866'	
Marcellus	7866' - 8012'	
Onondaga	8012' - 8034'	
Huntersville	8034' - TD	

WW - 2B

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator BRC Operating Company LLC
Operator ID County District Quadrangle

2) Operator's Well Number: MWV Rupert #3 3) Elevation: 3275'

4) Well Type: (a) Oil or Gas X
(b) If Gas: Production X / Underground Storage
Deep X / Shallow

5) Proposed Target Formation(s): Marcellus

6) Proposed Total Depth: 8500 Feet

7) Approximate fresh water strata depths: 330'

8) Approximate salt water depths: 2580'

9) Approximate coal seam depths: 900'

10) Does land contain coal seams tributary to active mine? NO

11) Describe proposed well work Drill new well to 8500' to provide sufficient rat hole to log full Marcellus interval. After logging, plug back to Marcellus to meet shallow well definition. Run and cement casing to plug-back TD at bottom of Marcellus. Stimulate in future operation.

Plug back with cement to base of Marcellus
GOS 4/20/09

12) CASING AND TUBING PROGRAM

TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT
	Size	Grade	Weight per ft	For Drilling	Left in Well	
Conductor	16			20	0	
Fresh Water						
Coal	9-5/8	API	36#	1750	1750	CTS
Intermediate	7	API	23#	3800	3800	490 cu ft
Production	4-1/2	API	12#	8300	8300	600 cu ft
Tubing						
Liners						

*Will run a string of pipe between conductor and 9-5/8 casing if significant water is encountered

Packers: Kind
Sizes
Depths Set

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2009

OK # 1001
2500'

WV Department of
Environmental Protection

Form W-9

BRC OPERATING CO., LLC. MWV RUPERT NO. 3

Page of

 Install Minimum 12" Culvert

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH DEP. OIL AND GAS SMP MANUAL ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.D.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.D.T.

SEDIMENT BASINS TRAPS AND APPROPRIATE EROSION CONTROL BARRIERS ARE TO BE CONSTRUCTED AT ALL CULVERT AND CROSS DRAIN (INLETS AND OUTLETS) AS REQUIRED IN THE WV DEP. OIL AND GAS SMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT DILET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED

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

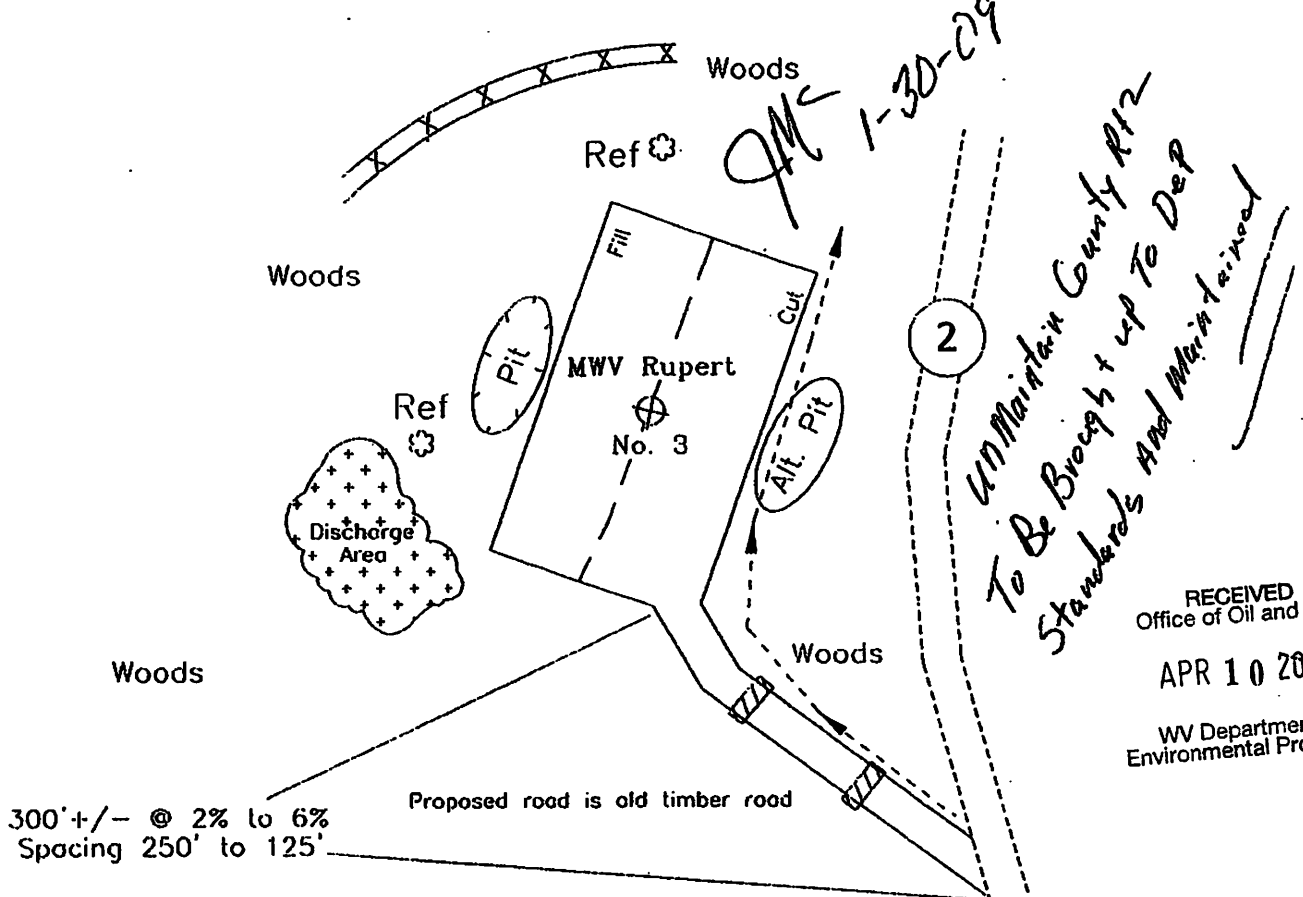
CONTRACTORS/COMPANY ARE RESPONSIBLE FOR LOCATING UTILITIES WHETHER SHOWN ON THIS PLAN OR NOT.

TEMPORARY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION. CUT AND STACK ALL TIMBER ABOVE 6-INCHES AND ABOVE.

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

NORTH

Detail Sketch for MWV Rupert No. 3



Drawing Not To Scale

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WV Department of
Environmental Protection

HUPP Surveying & Mapping P.O. BOX 647 GRANTSMILLE, WV 26147 PH. (304)354-7035 E-MAIL: hupp@frontiernet.net	Drafted BY:	Date Drafted:	Job Number:
	DH	01/16/09	W20081864

47-025-00031P

FORM NW 6

LONG. 80°41'57.4"

9,390'

LATITUDE 38°02'30"

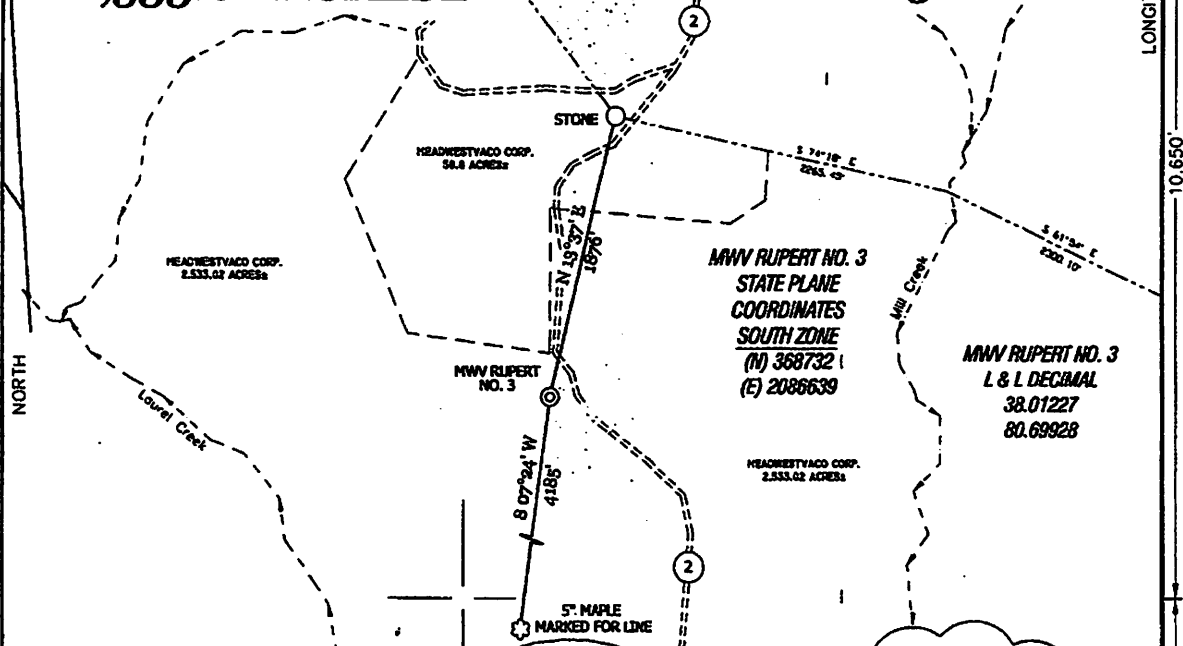
LONGITUDE 80°40'00"

10.650

LAT. 38°00'44.2"

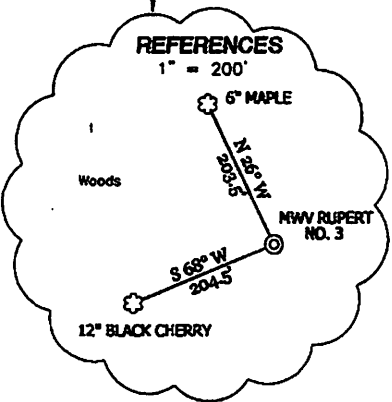
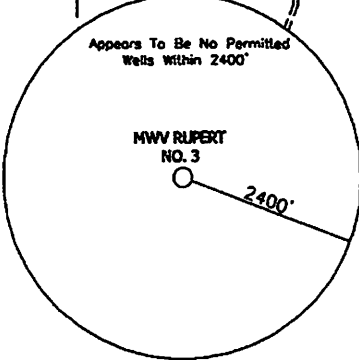
MWV RUPERT LEASE 2,533.02 ACRES±

MWV RUPERT NO. 3



NOTES ON SURVEY

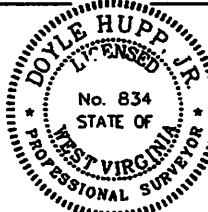
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27. TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 01-13-08. LEASE BOUNDARY SHOWN HEREON TAKEN FROM A TITLE OPINION BY J. BRECKENRIDGE MARTIN OF BOWLES RICE DATED JANUARY 6, 2009 AND INFORMATION PROVIDED BY BRC OPERATING CO., LLC. SURFACE OWNER AND ADJOINER INFORMATION TAKEN FROM THE ASSESSOR AND COUNTY CLERK RECORDS OF GREENBRIER COUNTY IN JULY, 2008 AND INFORMATION PROVIDED BY BRC OPERATING CO., LLC. WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 847 Gaitsville, WV 26147
 (304) 354-7035 EMAIL: hupp@frontiernet.net



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

DATE JANUARY 16, 2009
 OPERATORS WELL NO. MWV RUPERT NO. 3
 API WELL NO. 47-025-00031
 STATE COUNTY PERMIT

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1864 (BK39-10)
 PROVEN SOURCE OF ELEVATION DCPS (SUBMETER GRADE) SCALE 1" = 1000'

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



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

LOCATION :
 ELEVATION 3,275' WATERSHED LAUREL CREEK
 DISTRICT MEADOW BLUFF COUNTY GREENBRIER QUADRANGLE QUINWOOD 7.5'
 SURFACE OWNER MEADWESTVACO CORP. ACREAGE 2,533.02±
 ROYALTY OWNER MEADWESTVACO CORP. LEASE ACREAGE 2,533.02±
 PROPOSED WORK : LEASE NO.
 DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE 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 8200'

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

COUNTY NAME PERMIT

WW-4A
Revised 6-07

1) Date: February 20, 2019
2) Operator's Well Number
MWV Rupert #3
3) API Well No.: 47 - 25 - 00031

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

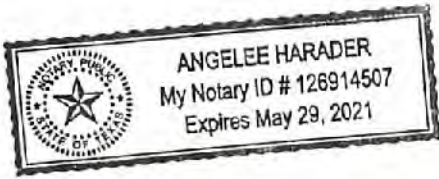
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Weyerhaeuser Company</u>	Name <u>N/A</u>
Address <u>220 Occidental Ave South</u>	Address _____
<u>Seattle, WA 98104</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Gary Kennedy</u>	(c) Coal Lessee with Declaration
Address <u>66 Old Church Lane</u>	Name <u>N/A</u>
<u>Pipestem, WV 25979</u>	Address _____
Telephone <u>304-382-8402</u>	_____

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 304-860-8121

RECEIVED
Office of Oil and Gas

APR 10 2019

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

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 depprivacyofficer@wv.gov.

WW-9
(5/16)

API Number 47 - 25 - 00031
Operator's Well No. MWV Rupert 3

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) Laurel Creek Quadrangle Quinwood 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) **NO LAND APPLICATION**
- Underground Injection (UIC Permit Number _____)
- ____ Reuse (at API Number _____)
- ____ Off Site Disposal (Supply form WW-9 for disposal location)
- ____ Other (Explain _____)

Will closed loop system be used? If so, describe: _____

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.

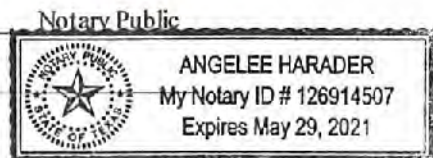
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on April 1, 2016, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations 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 Brittain*
Company Official (Typed Name) CHARLES BRITTAIN
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 +1-1.3 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: *Walter Kennedy*

Comments: _____

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Office of Oil and Gas

APR 10 2019

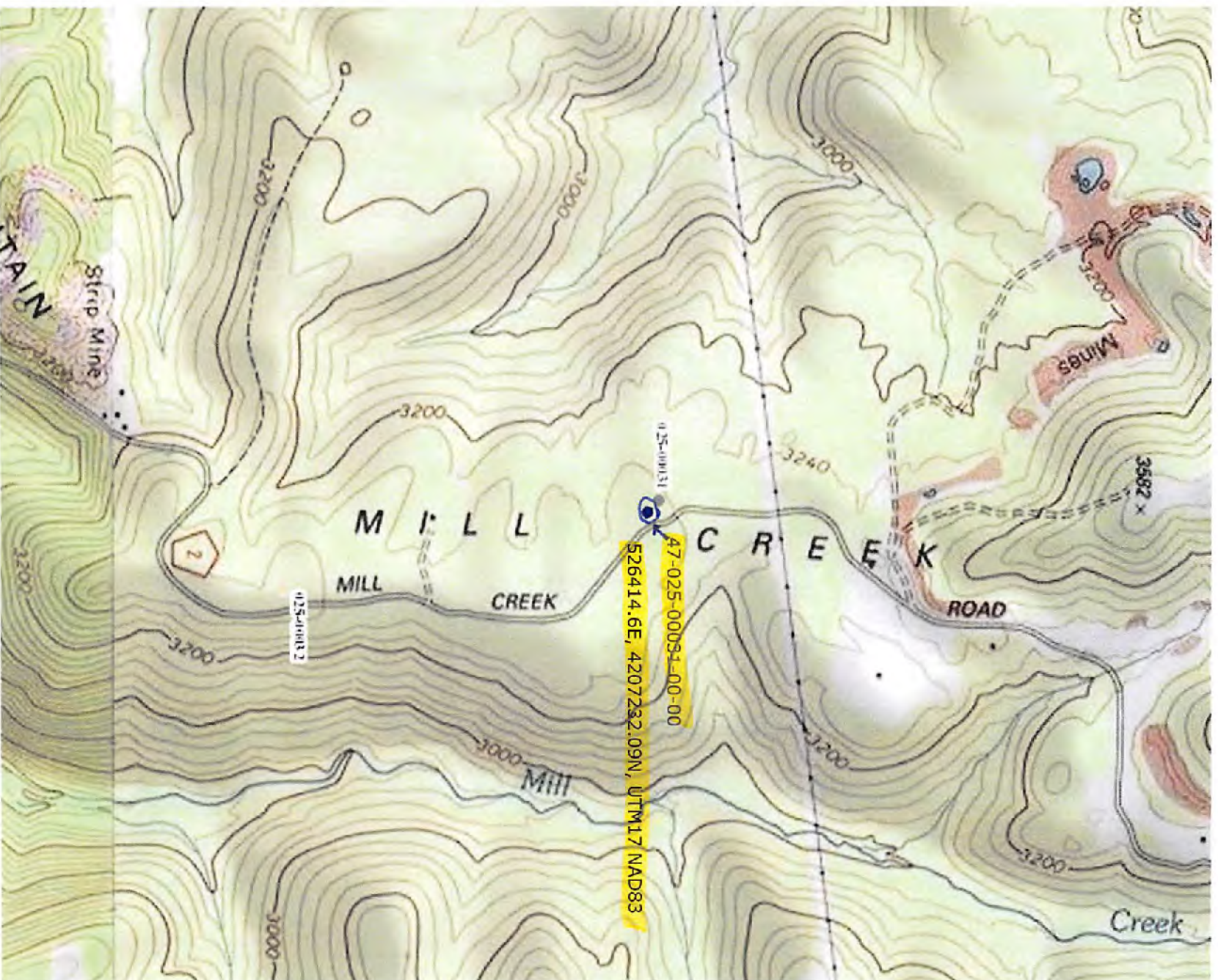
WV Department of
Environmental Protection

Title: *Inspector*

Date: *3/29/19*

Field Reviewed? Yes No

47 - 025 - 00031P



WW-7
8-30-06



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

API: 47-2500031 WELL NO.: MWV Rupert 3

FARM NAME: _____

RESPONSIBLE PARTY NAME: BRC Operating Company, LLC

COUNTY: Greenbrier DISTRICT: Meadow Bluff

QUADRANGLE: Quinwood 7.5'

SURFACE OWNER: Weyerhaeuser Company

ROYALTY OWNER: Westrock Company

UTM GPS NORTHING: 4207232.09

UTM GPS EASTING: 526414.62 GPS ELEVATION: 3275'

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 X : Post Processed Differential _____
Real-Time Differential X

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 _____ 4/16/19 _____
Signature Title Date