



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, June 26, 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 4H
47-067-00943-00-00

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 4H
Farm Name: WEYERHAEUSER COMPANY
U.S. WELL NUMBER: 47-067-00943-00-00
Horizontal Plugging
Date Issued: 6/26/2019

I

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.

- 1) Date February 20, 20 19
- 2) Operator's
Well No. MWV Rupert 4H
- 3) API Well No. 47-67 - 00943 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 3065 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

PROPOSED WELLBORE SCHEMATIC

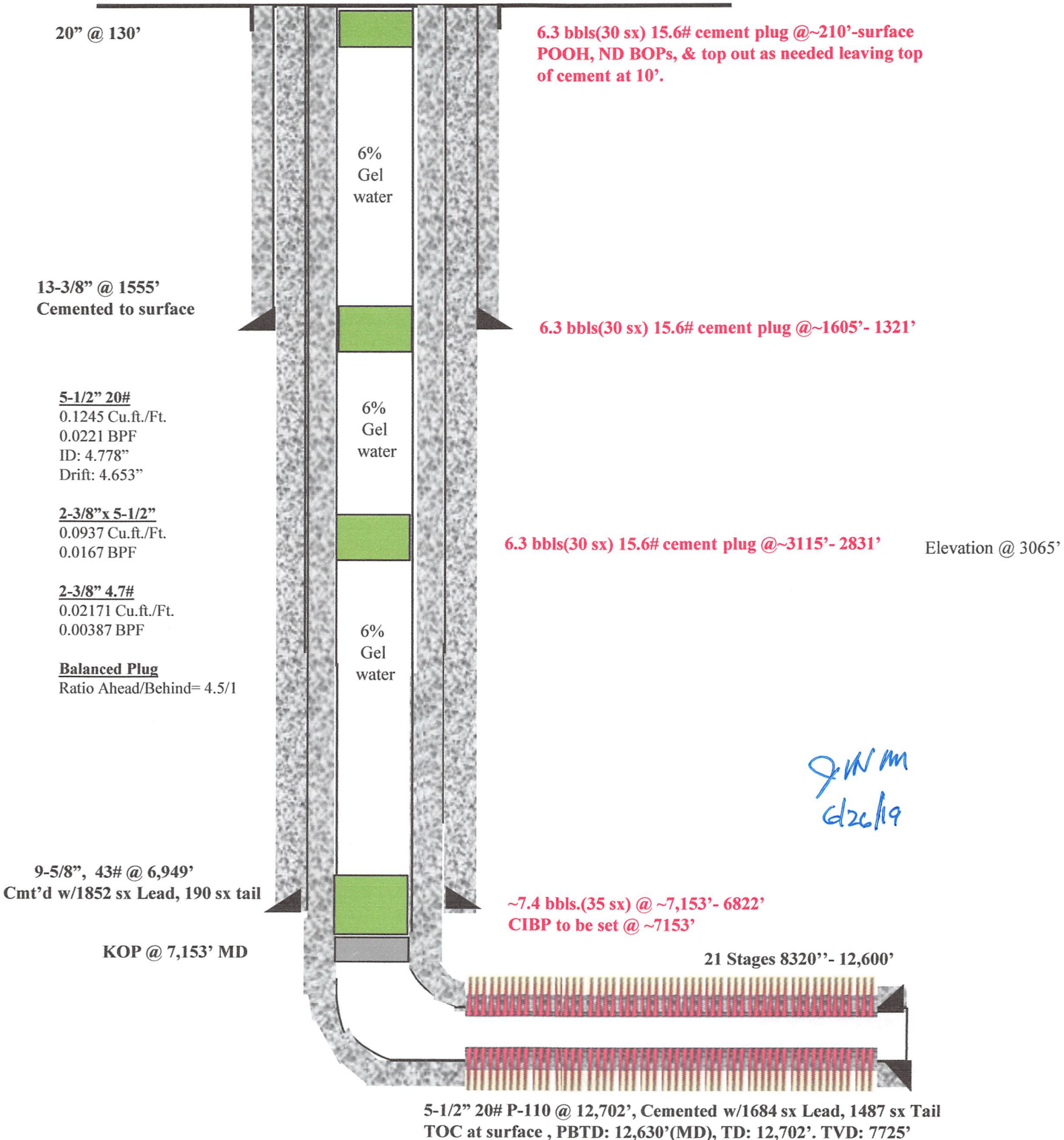
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Notification must be given to the district oil and gas inspector 24 hours before permitted work can commence.

Work order approved by inspector  Date 3-28-19

BRC Operating Company, LLC
MWV Rupert #4H
API No. 47-067-00943
Proposed Wellbore Schematic

Prepared by: Tim McGilvray



MWV Rupert 4H

5-1/2" 20# P110 production casing set at 12,702' and cemented to surface/topped off
Shallowest perforation is @ 8,320

MIRU workover rig and BOP

Perform BOP function test

RIH with wire line and remove tbg plugs @ 3,820 & 4,020'

Rotate tubing to unset Baker packer set @ 7,894'

Fill casing with 6% KCl mud. **GEL.**

POOH and lay down 2-3/8" 4.7# L80 tubing, packer, GLM

RIH with wire line and set CIBP @ ~~6,960~~ **7153'**

TIH with 2-7/8" workstring open ended to ~~6960~~ **7153'**

RU Halliburton cement unit

M&P 8.9 bbl Class A cement @ 15.6 ppg

Set 1st plug from ~~6960~~ **7153'** to ~~6560~~ **6822'**

Add 100# cement plug @ 3,100-3,000 (sea level)

Displace with 6% KCl mud. **GEL.**

POOH 3 stands above ~~6560~~ **6822'** and WOC

TIH and tag cement. **ADD CEMENT IF NECESSARY.**

M&P 8.9 bbl Class A cement @ 15.6 ppg

Set 2nd balanced plug from **3115' - 2831'** **ELEVATION**

Displace with 6% KCl mud. POOH 3 stands above ~~1,165~~ **3115'**.

WOC. TIH and tag cement. **ADD CEMENT IF NECESSARY.**

M&P 8.9 bbl Class A cement @ 15.6 ppg

Set 3rd plug from **1605' - 1321'** WITH **6.3 BBL, 15.6# CEMENT PLUG**

Cut production, intermediate and surface casing 2' below surface

Weld cap with API number and set monument.



SET SURFACE PLUG FROM 210' TO SURFACE.

**POOH, NO BOP'S
1/2 TOP OUT LEAVING
TUC @ 10'.**

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47-067-00943 P

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 #: 47-67-00943

Farm name: MoadWestvaco Corp. Operator Well No.: MWV Rupert 4H

LOCATION: Elevation: 3,065' 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

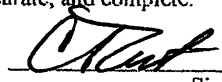
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
200 Crescent Court, Suite 200 Dallas, TX 75201	20"	130'	130'	180 Tail
Agent: Marc A. Monteleone	13 3/8"	1,555'	1,555'	662 Lead/213 Tail
Inspector: Ed Gainer	9 5/8"	6,949'	6,949'	1,852 Lead/190 Tail
Date Permit Issued: 7/21/10	5 1/2"	12,702'	12,702'	1,684 Lead/1,487 Tail
Date Well Work Commenced: 2/28/11				
Date Well Work Completed: 5/25/12				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,743				
Total Measured Depth (ft): 12,702				
Fresh Water Depth (ft.): 182				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
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 2,718 MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 1,300 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 36 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

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

11/12/2014
Date

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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 CGL-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: 12,600' - 8,320' 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	7620
Devonian	Marcellus	Organic Shale	7620	TD

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47-067-00943H

Form W-9

BRC OPERATING CO., LLC.

Page 7 of 7

MWV RUPERT 4-H

○ Install Minimum 12" Culvert

ALL ROADS SHOWN HEREON ARE EXISTING UNLESS OTHERWISE NOTED AND SHALL BE MAINTAINED IN ACCORDANCE WITH DEP. OIL AND GAS BMP MANUAL. ENTRANCES AT COUNTY/STATE ROADS SHALL BE MAINTAINED IN ACCORDANCE WITH WV D.O.T. REGULATIONS. SEPARATE PERMITS MAY BE REQUIRED BY THE D.O.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 BMP MANUAL. FIELD CONDITIONS (ROCK OUTCROPS AND BEDROCK) MAY PROHIBIT INLET TRAPS BEING INSTALLED. WHEN THESE CONDITIONS EXIST, ADDITIONAL EROSION CONTROL MEASURES SHALL BE EVALUATED AND UTILIZED.

EARTHWORK CONTRACTORS ARE RESPONSIBLE FOR NOTIFYING 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.

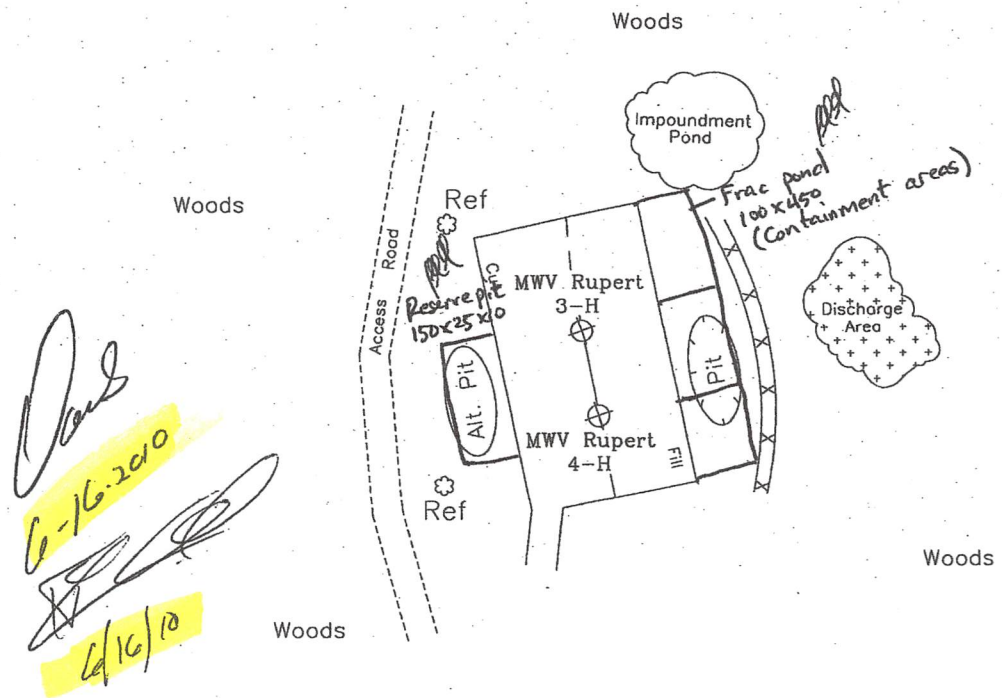
TEMPORARILY SEED AND MULCH ALL SLOPES AFTER CONSTRUCTION OF LOCATION.

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

STACK BRUSH BELOW LOCATION FOR SEDIMENT CONTROL.

Drawing Not To Scale NORTH

Detail Sketch for MWV Rupert 4-H

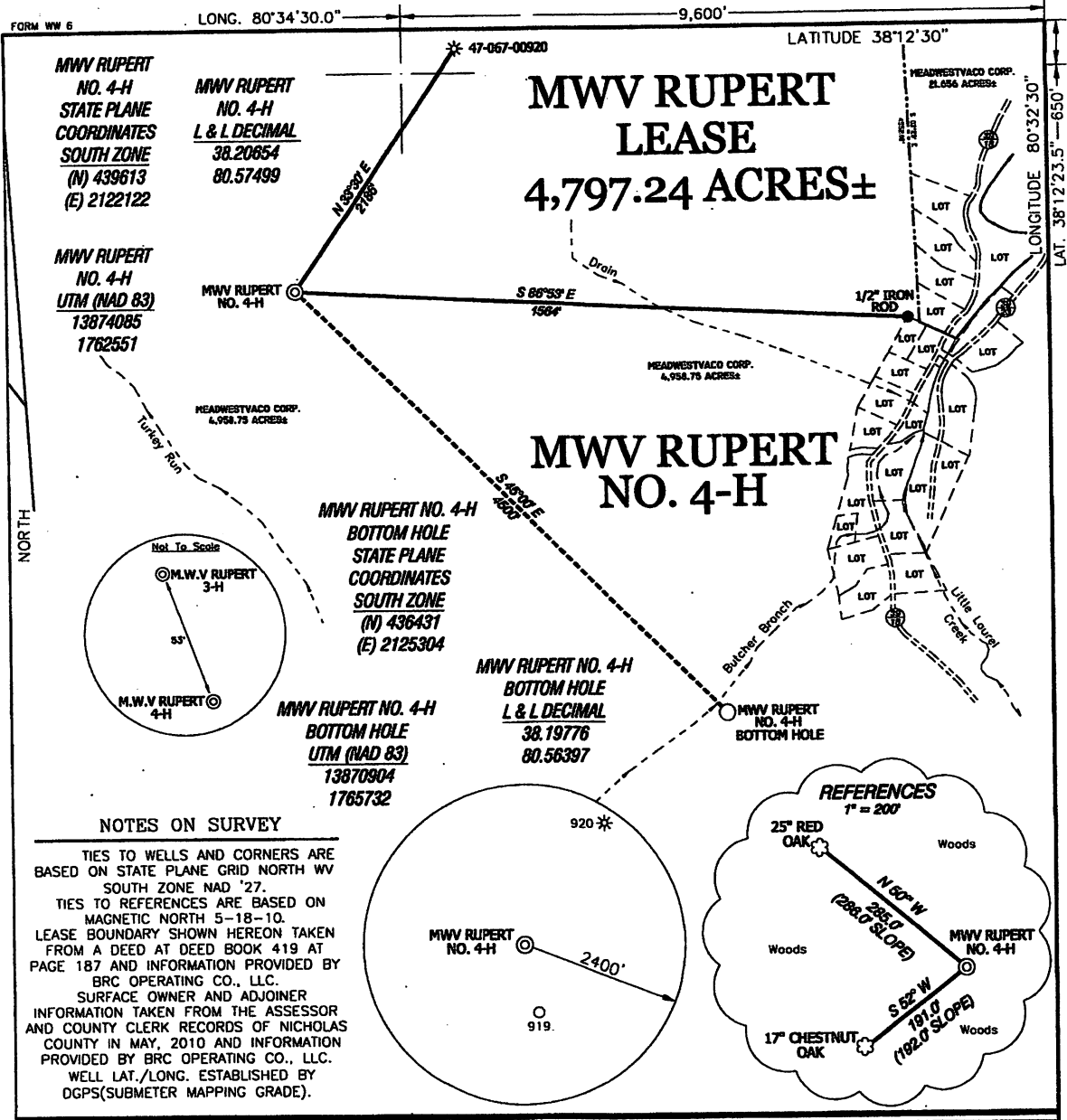


HUPP Surveying & Mapping
 P.O. BOX 647 GRANTSVILLE, WV 26147
 PH: (304)354-7035 E-MAIL: hupp@frontiernet.net

Drafted BY:	Date Drafted:	Job Number:
DB	05/28/10	W20081834

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47-067-009434



NOTES ON SURVEY

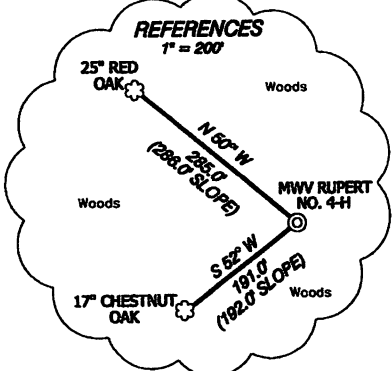
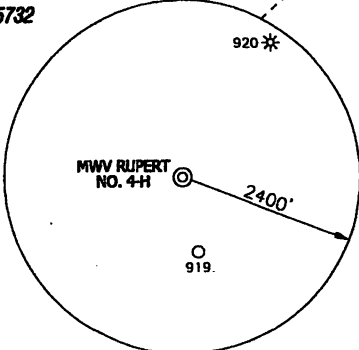
TIES TO WELLS AND CORNERS ARE BASED ON STATE PLANE GRID NORTH WV SOUTH ZONE NAD '27.

TIES TO REFERENCES ARE BASED ON MAGNETIC NORTH 5-18-10.

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.

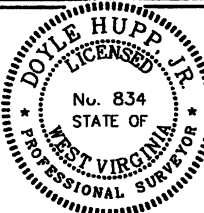
WELL LAT./LONG. ESTABLISHED BY DGPS(SUBMETER MAPPING GRADE).



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 MAY 28, 20 10

OPERATORS WELL NO. MWV RUPERT NO. 4-H

API WELL NO. 47-067-009434

STATE WV COUNTY WV PERMIT WV

MINIMUM DEGREE OF ACCURACY 1/200 FILE NO. W1834 (BK44-47)

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 LIQUID WASTE IF "GAS" PRODUCTION INJECTION DISPOSAL STORAGE DEEP SHALLOW

LOCATION: ELEVATION 3,065' 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 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 TVD-7,705' MVD-12,450'

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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WV Department of Environmental Protection

COUNTY NAME
PERMIT

WW-4A
Revised 6-07

1) Date: February 20, 2019
2) Operator's Well Number
MWV Rupert 4H

3) API Well No.: 47 - 67 - 00943

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

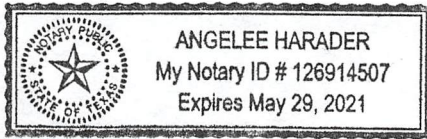
4) Surface Owner(s) to be served:	5) (a) Coal Operator
(a) Name <u>Weyerhaeuser Company</u>	Name <u>N/A</u>
Address <u>220 Occidenetal Ave South</u>	Address _____
<u>Seattle, WA 98104</u>	_____
(b) Name _____	(b) Coal Owner(s) with Declaration
Address _____	Name <u>N/A</u>
_____	Address _____
(c) Name _____	Name _____
Address _____	Address _____
_____	_____
6) Inspector <u>Jeremy James</u>	(c) Coal Lessee with Declaration
Address <u>P.O. Box 36</u>	Name <u>N/A</u>
<u>Clendenin, WV 25045</u>	Address _____
Telephone <u>304-951-2596</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 304-880-8121

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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 APR 10 2019
 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.

WW-9
(5/16)

API Number 47 - 67 - 00943
Operator's Well No. MWV Rupert 4H

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 Quadrangle 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 WELL FLUIDS MOD, GEL & CEMENT

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 _____)

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

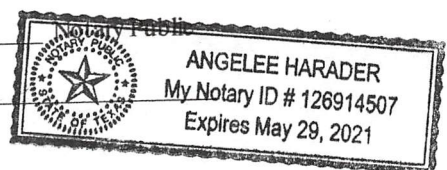
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WV Department of
Environmental Protection

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
<u>N/A</u>	

Seed Type	lbs/acre
<u>Tall Fescue Blend</u>	<u>250</u>
<u>43% Kentucky 31 Tall Fescue, 43% Red Fescue</u>	
<u>7% White Clover, 7% Annual Rye</u>	

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: 

Comments:

Add 100ft cement plug @ 509 level

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WV Department of
Environmental Protection

Title: inspector 006

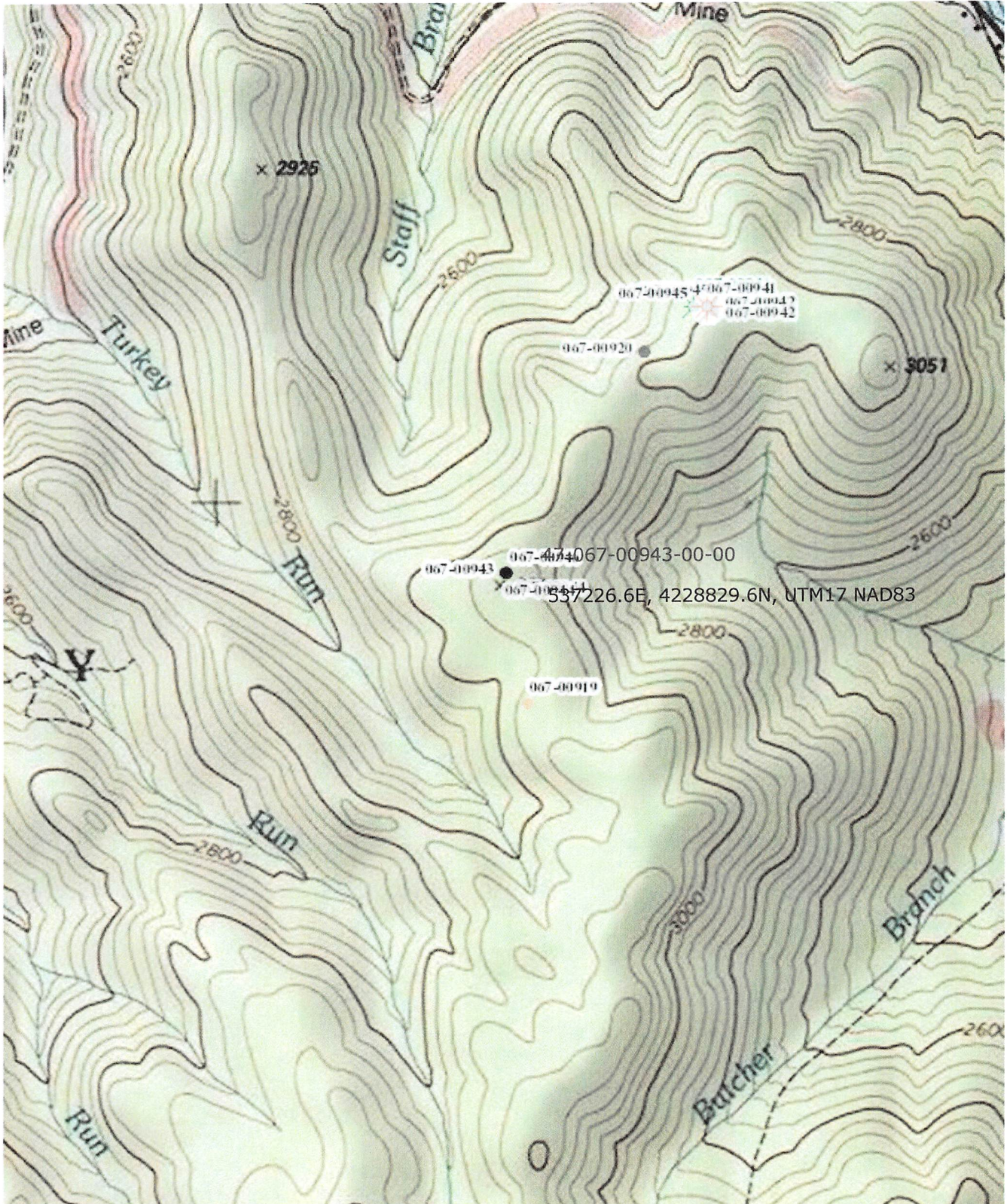
Date: 3-29-19

Field Reviewed?

Yes

No

47-067-00943P



WW-7
8-30-06



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

API: 47-6700943 WELL NO.: MWV Rupert 4H

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: 4228829.60

UTM GPS EASTING: 537226.57 GPS ELEVATION: 3065'

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.

Robert B. Blyden
Signature

REGULATED AGENCY
Title

4/16/19
Date