



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 15, 2020
PERMIT MODIFICATION APPROVAL
Vertical / Brine Disposal - 1

JAY-BEE OIL & GAS, INC.
60 WALNUT AVE. SUITE 190

CLARK, NJ 07066

Re: Permit Modification Approval for PLUTO 1A
47-085-10284-00-00

**THE WELL ACCESS ROAD WILL BE MODIFIED SO THAT IT IS ENTIRELY ON
SURFACE OWNED BY THE OPERATOR.**

JAY-BEE OIL & GAS, INC.

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before 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: PLUTO 1A
Farm Name: JAY BEE YARD LLC
U.S. WELL NUMBER: 47-085-10284-00-00
Vertical Brine Disposal - 1
Date Modification Issued: July 15, 2020

Promoting a healthy environment.

47-085-10284B

Mon 2



JAY-BEE OIL & GAS, INC.

April 16, 2020

Jeffrey W. McLaughlin
Office of Oil and Gas
West Virginia Dept. of Environmental Protection
601 57th Street SE
Charleston, WV 25304

RE: Pluto 1A Disposal Well – 47-085-10284B

Dear Mr. McLaughlin:

Jay-Bee Oil & Gas, Inc. received an approved permit on May 31, 2019 and an approved permit modification on January 14, 2020 for the above-mentioned disposal well. We would like to further modify the permit and permit modification only in terms of the location road. Since the time of the permit modification we have encountered issues with the proposed location road and therefore need to use an alternate route situate on our own property that will cost more initially to build, but in the long run should prove to be a much simpler option than the other proposed routes.

I have enclosed the following documents for your review:

- Approved Modified WW-9 Form
- Second Modified WW-9 Form
- Approved Modified Plat Map
- Second Modified Plat Map
- Approved Modified WW-2A/3A Surface Waiver
- Second Modified WW-2A/3A Surface Waiver

I would like to thank you in advance for your consideration in this matter. Please feel free to contact me with any questions you may have.

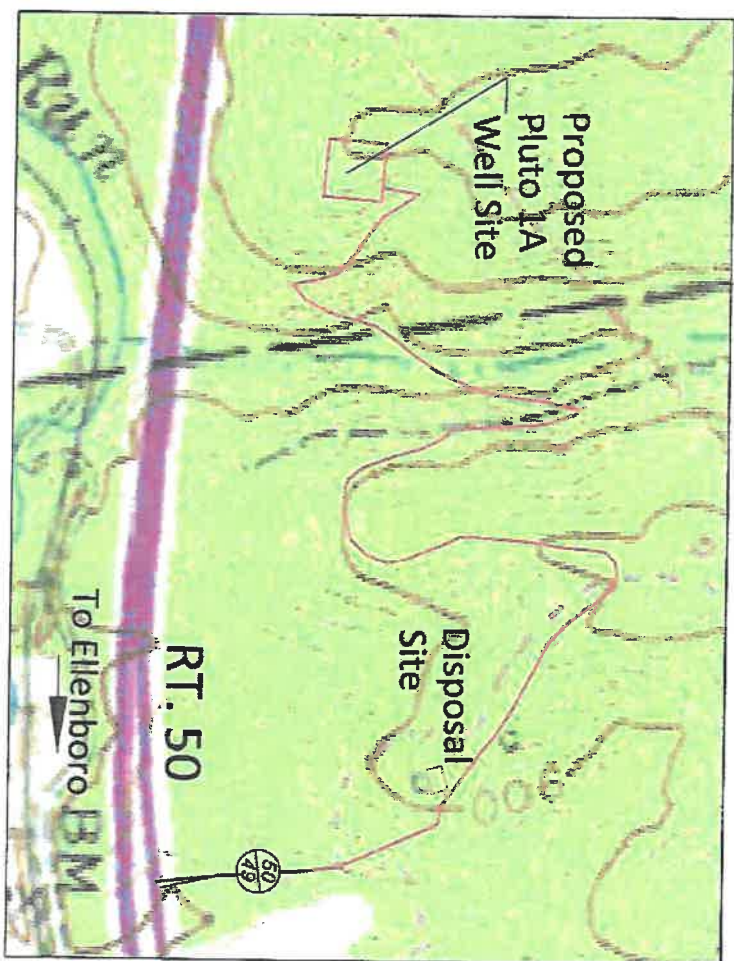
Sincerely,

Kim Swiger
Landman/Permitting Agent



Total Traverse
Area 200
Area 200

Drill Log	Depth	Remarks	Remarks
1.00	0.00	Surface	1.00
1.00	1.00	1.00	1.00
1.00	2.00	2.00	2.00
1.00	3.00	3.00	3.00
1.00	4.00	4.00	4.00
1.00	5.00	5.00	5.00
1.00	6.00	6.00	6.00
1.00	7.00	7.00	7.00
1.00	8.00	8.00	8.00
1.00	9.00	9.00	9.00
1.00	10.00	10.00	10.00
1.00	11.00	11.00	11.00
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1.00	100.00	100.00	100.00

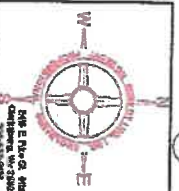
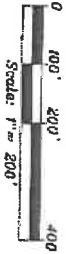


Jay Bee
Oil & Gas
DRILLING
into the future



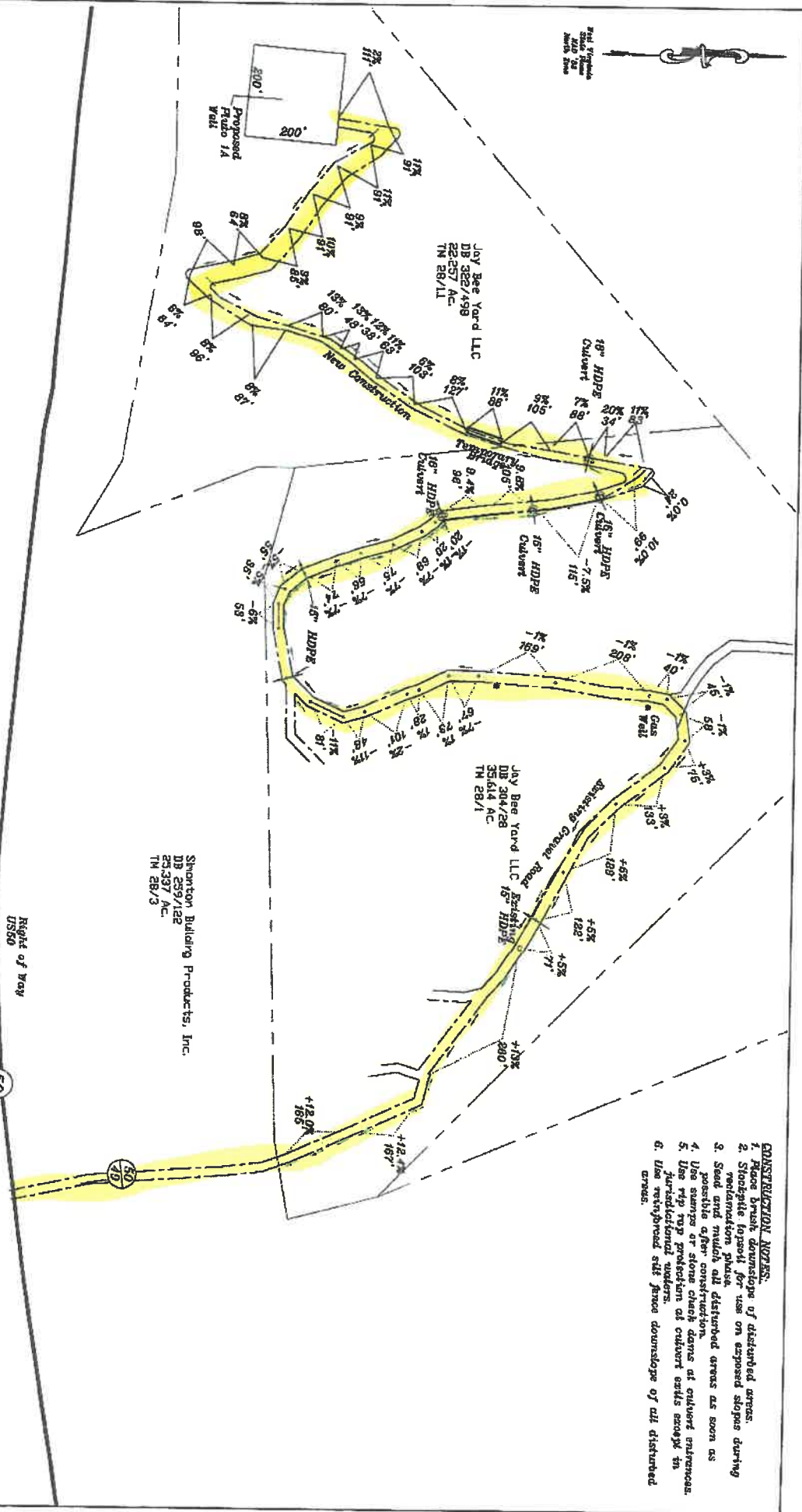
Jackson Surveying Inc.
PLUTO #1A WELL
Page 2 of 2
Clay District, Ritchie County
April 17, 2020

MAG
02/18/20



Jackson Surveying Inc.
PLUTO #1A WELL
Page 1 of 2
Clay District, Hitchcock County
April 17, 2020

MDG
4/16/20



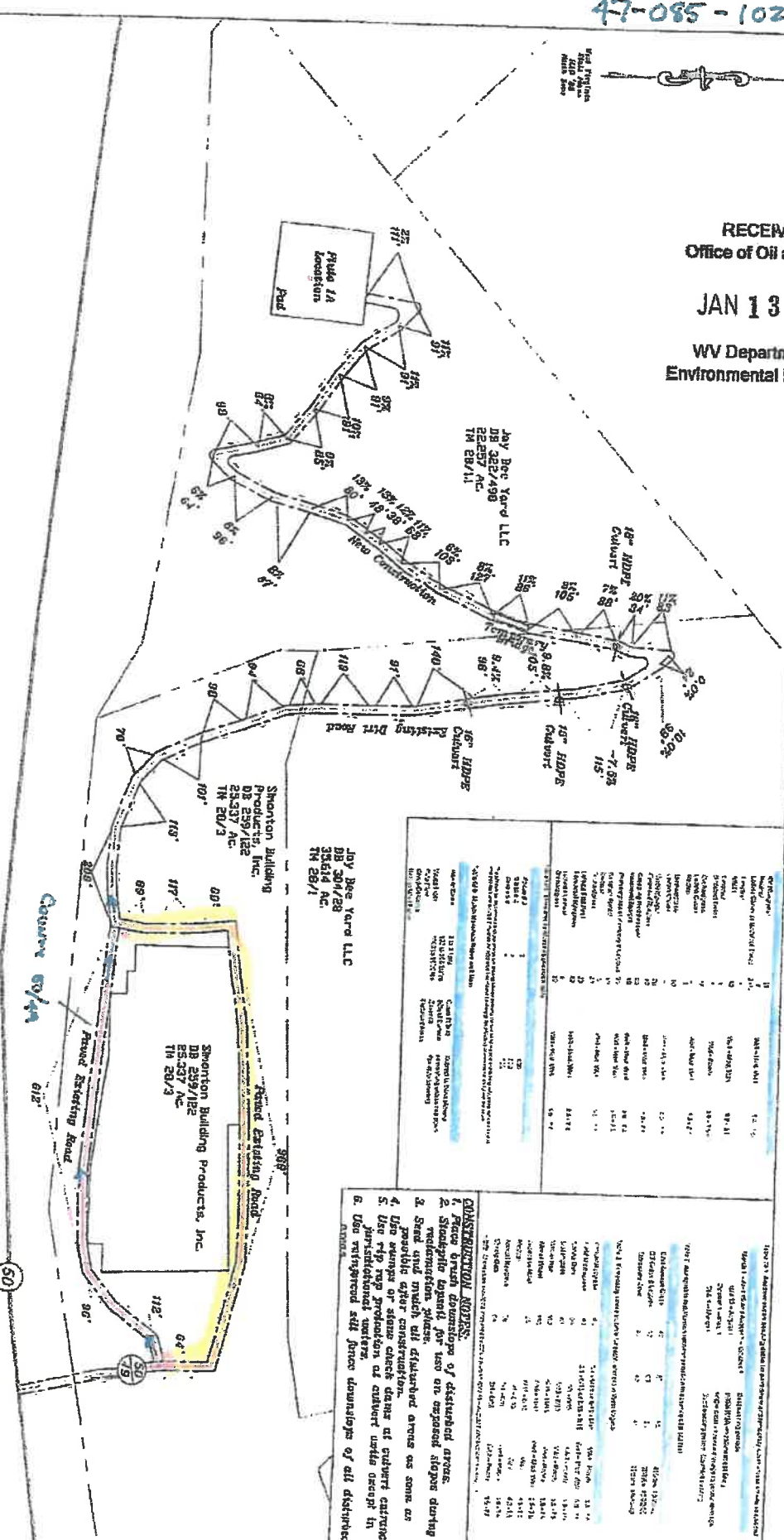
- CONSTRUCTION NOTES:**
1. Place brush down slope of disturbed areas.
 2. Stockpile topsoil for use on exposed slopes during reclamation phase.
 3. Seed and mulch all disturbed areas as soon as possible after construction.
 4. Use swamps or stone check dams at culvert entrances.
 5. Use rip rap protection at culvert exits except in jurisdictional waters.
 6. Use rehydrated silt fence down slope of all disturbed areas.

RECEIVED
Office of Oil and Gas

JAN 13 2020

WV Department of
Environmental Protection

DRILLING
INFO THE USER



Label	Area	Volume	Notes
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99	12.118	12.118	...
100	12.118	12.118	...

CONSTRUCTION NOTES:

1. Place erosion downdrags of disturbed areas.
2. Stockpile layout for use on exposed slopes during reclamation phase.
3. Provide mulch on all disturbed areas as soon as possible after construction.
4. Use erosion control devices at culvert entrances.
5. Use rip rap protection at culvert walls except in jurisdictional wetlands.
6. Use riprap and silt fence downdrags of all disturbed areas.

JACKSON WELLFIELD CO.
PLUTO #1A WELL
Clay District, Ritchie County
Page 1 of 2
December 6, 2019

Michael Smith
1/5/20

WW-2A / 3A Surface Waiver

SURFACE OWNER WAIVER

County Ritchie

Operator Jay-Bee Oil & Gas, Inc.
Operator well number 47-085-10284B Pluto 1A

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A / 3A

The well operator named on page WW-2A / 3A is applying for a permit from the State to do oil or gas well work. (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 57th 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 **FIFTEEN (15) 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A / 3A, and attachments consisting of pages 1 through ___ including a work order on Form WW-2B / 3A, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION, ETC.

Signature Date _____

Print Name

Company Name Jay-Bee Yard, LLC
By Randy Broda Date 4/17/2020
Its President

Signature Date 4/17/2020

WW-70
Rev. 7/01

Affidavit of Personal Service

State Of West Virginia

County Of Ritchie

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form WW-2(A) X / WW-3(A) X / WW-4(A) / WW-5(A) / WW-6(A)
- (2) Application on Form WW-2(B) / WW-3(B) / WW-4(B) / WW-5(B) / WW-6(B)
- (3) Plat showing the well location on Form WW-6, and
- (4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. Pluto 1A 47-085-10284B located in Clay District, Ritchie County, West Virginia, upon the person or organization named--

Jay-Bee Oil & Gas, Inc.

--by delivering the same in Ritchie County, State of West Virginia on the 17th day of April, 20 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him / her / or, because he / she / refused to take it when offered it, by leaving it in his / her / presence.

Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to , a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named , or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

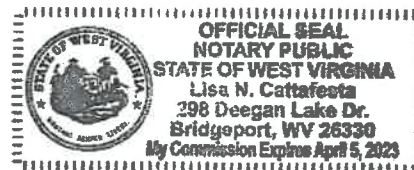
Handing it to the corporation's employee X / officer / director / attorney in fact / named Teresa Hall

Mina Swiger
(Signature of person executing service)

Taken, subscribed and sworn before me this 17th day of April, 2020.
My commission expires April 5, 2023

Lisa N Cattafesta
Notary Public

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)



47-085-10284B MOD

RECEIVED
Office of Oil and Gas

JAN 10 2020

WW-2A / 3A Surface Waiver

SURFACE OWNER WAIVER

County Ritchie

Operator
Operator well number

Jay-Bee Oil & Gas, Inc.
Pluto 1A

WV Department of
Environmental Protection

INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW2-A 13A

The well operator named on page WW-2A / 3A is applying for a permit from the State to do oil or gas well work (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 57th 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 **FIFTEEN (15) 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.

List of Water Testing Laboratories. The Office maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Chief to obtain a copy.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application for a Well Work Permit on Form WW2-A / 3A, and attachments consisting of pages 1 through ___ including a work order on Form WW-2B / 3A, a survey plat, and a soil and erosion plan, all for proposed well work on my surface land as described therein.

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

FOR EXECUTION BY A CORPORATION ETC

Signature: _____ Date: _____
Print Name: _____

Company Name: Jay-Bee Yard, LLC
By: Randy Brodeur Date: 12/30/2019
Signature: _____ Date: 12/30/19

Affidavit of Personal Service

RECEIVED
Office of Oil and Gas

State Of West Virginia

County Of Ritchie

JAN 10 2020

WV Department of
Environmental Protection

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form WW-2(A) X / WW-3(A) X / WW-4(A) ___ / WW-5(A) ___ / WW-6(A) ___
- (2) Application on Form WW-2(B) ___ / WW-3(B) ___ / WW-4(B) ___ / WW-5(B) ___ / WW-6(B) ___
- (3) Plat showing the well location on Form WW-6, and
- (4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. Pluto 1A 47-085-10284 located in Clay District, Ritchie County, West Virginia, upon the person or organization named--
Jay-Bee Oil & Gas, Inc.

--by delivering the same in Ritchie County, State of West Virginia on the 30th day of December, 2019 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

Handing it to him ___ / her ___ / or, because he ___ / she ___ / refused to take it when offered it, by leaving it in his ___ / her ___ / presence.

Handing it to a member of his or her family above the age of 16 years named ___ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

Handing it to ___, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

Handing it to the general partner, named ___, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

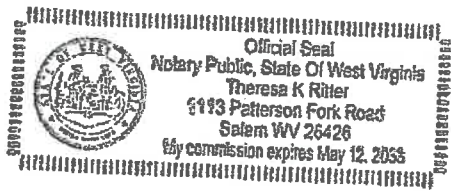
Handing it to the corporation's employee X / officer ___ / director ___ / attorney in fact ___ / named Teresa Hall

Kim. Stinger
(Signature of person executing service)

Taken, subscribed and sworn before me this 30th day of December 2019.
My commission expires May 12, 2023

Theresa K Ritter
Notary Public

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)



WW-9
(5/16)

API Number 47 - 085 - 10284B
Operator's Well No. Pluto 1A

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

Operator Name Jay-Bee Oil & Gas, Inc. OP Code 24610
Watershed (HUC 10) Husher's Run Quadrangle Ellenboro 7 1/2'

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: _____

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 2D08510284001)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Using Jay-Bee Oil & Gas, Inc. trucks)

MAG
4/21/20

Will closed loop system be used? If so, describe: Yes - Centrifuge

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

-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. Landfill

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

-Landfill or offsite name/permit number? Meadowfill/Permit 101219WV

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 Kim Swiger
Company Official (Typed Name) Kim Swiger
Company Official Title Permitting Agent

Subscribed and sworn before me this 17 day of April, 20 20

Lisa N. Cattafesta

Notary Public

OFFICIAL SEAL
NOTARY PUBLIC
STATE OF WEST VIRGINIA
Lisa N. Cattafesta
298 Deegan Lake Dr.
Bridgeport, WV 26330
My Commission Expires April 5, 2023

My commission expires April 5, 2023

Proposed Revegetation Treatment: Acres Disturbed 3.5 Prevegetation pH 5.5-7.5

Lime 2-4 Tons/acre or to correct to pH 5.5-7.5

Fertilizer type 10-20-29

Fertilizer amount 300 lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

See Page 1 Survey Sheets

See Page 1 Survey Sheets

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: Michael Doff

Comments: Proceed & Mulch any disturbed areas per WDEP regulations

Title: Oil & Gas Inspector

Date: 4/21/20

Field Reviewed? Yes No

47-085-10284-B Mod

WW-9
(5/16)

API Number 47 - 085 - 10284B
Operator's Well No. Auto 1A

RECEIVED
Office of Oil and Gas

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

JAN 10 2020

Operator Name Jay-Bee Oil & Gas, Inc. OP Code 24610 WV Department of Environmental Protection

Watershed (HUC 10) Husher's Run Quadrangle Ellenboro 7 1/2'

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: _____

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 2D08510284001)
- Reuse (at API Number _____)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain Using Jay-Bee Oil & Gas, Inc. trucks)

MDC
1/8/20

Will closed loop system be used? If so, describe: Yes - Centrifuge

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-Landfill or offsite name/permit number? Meadowhill/Permit 101219WV

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Company Official Signature Kim Swiger

Company Official (Typed Name) Kim Swiger

Company Official Title Permitting Agent

Subscribed and sworn before me this 31 day of December, 2019

Theresa K Ritter

Notary Public, State Of West Virginia
Theresa K Ritter
1113 Patterson Fork Road
Salem WV 26426
My commission expires May 12, 2023



My commission expires May 12, 2023

47-085-10284 B100

Form WW-9

Operator's Well No. Pluto 1A

Proposed Revegetation Treatment: Acres Disturbed 3.5 Prevegetation pH 5.5-7.5

Lime 2-4 Tons/acre or to correct to pH 5.5-7.5

Fertilizer type 10-20-29

Fertilizer amount 300 lbs/acre

Mulch 2 Tons/acre

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Office of Oil and Gas

JAN 10 2020

WV Department of
Environmental Protection

Seed Mixtures

Temporary

Permanent

Seed Type lbs/acre

Seed Type lbs/acre

See Page 1 Survey Sheets

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Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Michael Hoff

Comments: Approved & Mulch any disturbed areas per WVDEP regulations

Title: Oil & Gas Inspector Date: 1/8/20

Field Reviewed? Yes No