



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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Friday, August 1, 2025
WELL WORK PLUGGING PERMIT
Horizontal 6A Plugging

JAY-BEE OIL & GAS, INC.
23 EGANFUSKEE ST., SUITE 126

JUPITER, FL 33477

Re: Permit approval for P5N3U
47-073-02587-00-00

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

A blue ink signature of James A. Martin, Chief, is written over a blue circular stamp.

Operator's Well Number:
Farm Name: BB LAND LLC
U.S. WELL NUMBER: 47-073-02587-00-00
Horizontal 6A Plugging
Date Issued: 8/1/2025

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.
4. 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.

WW-4B
Rev. 2/01

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JUL 22 2025

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1) Date July 15th, 2025
2) Operator's
Well No. P5N3U
3) API Well No. 47-073 - 02587

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 ☒ / Liquid injection ____ / Waste disposal ____ /
(If "Gas, Production ____ or Underground storage ____) Deep ☒ / Shallow ____

5) Location: Elevation 868.1 Watershed Sugar Creek of Outlet Middle Island Creek (HUC-10)
District Union County Pleasants Quadrangle Bens Run 7 1/2'

6) Well Operator Jay-Bee Oil & Gas, Inc. 7) Designated Agent Travis Yost
Address 429 Simonton Rd. Address 429 Simonton Rd.
Ellenboro, WV 26346 Ellenboro, WV 26346

8) Oil and Gas Inspector to be notified 9) Plugging Contractor
Name Sherman King Name Jay-Bee Oil & Gas, Inc.
Address _____ Address 429 Simonton Rd.
Ellenboro, WV 26346

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

Please see attached.

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

Work order approved by inspector Shen Kij Date 7-16-25

08/01/2025

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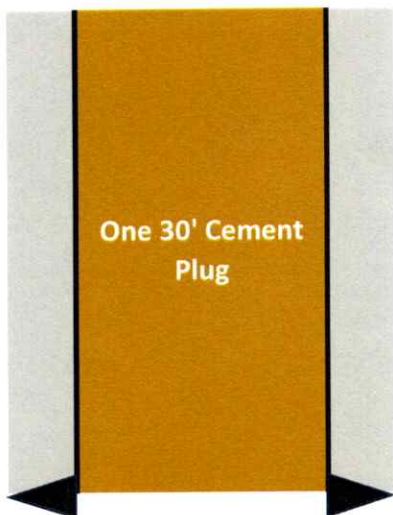
Jay-Bee Oil & Gas

Plugging Proposal
(26" Conductor Only)
Well Name: P5N3U
API Number: 47-073-02587-00-00

Prepared by:
Austin Clark
Date: 5/29/2024

08/01/2025

Jay Bee Oil & Gas, Inc.
Well Bore Diagram
P5N3U
47-073-02587-00-00
SE: 868.1



GL

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WV Department of
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Conductor
26" .375 Wall
30'

08/01/2025

Sh...
7-16-25

Well: P5N3U
County: Pleasants
District: Union
API: 47-073-02587-00-00
AFE: NA
Location Coordinates: 39.417799, -81.081382
1190 Gardner Cemetery Rd.,
Address: Friendly, WV 26146

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Date Drilled:	2018
Surface Elevation:	868.1
Surface Equipment:	NA
Producing Formation:	NA
26" Conductor:	30'
NO OTHER CASING	

Plugging Proposal:

Class A JK
↓

- 1 Utilize Super Sucker to remove all freshwater from Conductor.
- 2 Once all Freshwater has been sucked down, proceed to top fill with Cement. ~20 bbls
- 3 ▪ Fill Cement slowly to prevent air pockets from forming.
- 4 Top off with cement if needed.
- 5 Backfill cellar with remaining cement, gravel, earthen material.
- 6 No other reclaiming is needed as this is an active producing location.
- 7 **We would like to request that an above ground monument not need to be installed due to the pad being an active producing pad site.**
If a marker/Monument is required we would like to request that it be set below ground level.

08/01/2025

Shane King
2-11-25

WW-4A
Revised 6-07

JUL 22 2025

WV Department of
Environmental Protection

1) Date: 07/15/2025
2) Operator's Well Number
P5N3U
3) API Well No.: 47 - 073 - 02587

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 Jay-Bee Royalty, LLC	Name N/A
Address 23 Eganfuskee St. Ste 126	Address
Jupiter, FL 33477	
(b) Name N/A	(b) Coal Owner(s) with Declaration
Address	Name N/A
	Address
(c) Name N/A	Name N/A
Address	Address
6) Inspector Jeremy Newlon	(c) Coal Lessee with Declaration
Address 8402 Staunton Turnpike	Name N/A
MacFarlan, WV 26148	Address
Telephone 304-951-2482	

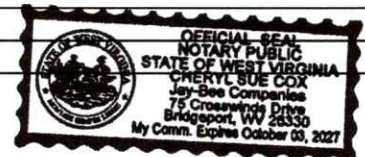
TO THE PERSONS NAMED ABOVE: You should have received this Form and the following documents:

- (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 Jay-Bee Oil & Gas, Inc.
By: Emily Potesta
Its: Regulator Agent
Address 429 Simonton Rd.
Ellenboro, WV 26346
Telephone 304-628-3111



Subscribed and sworn before me this 18 day of July, 2025
My Commission Expires Oct 3, 2027
Notary Public

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.

8/01/2025
7-16-25

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WV Department of
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SURFACE OWNER WAIVER

Operator's Well
Number

P5N3U

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 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 **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.

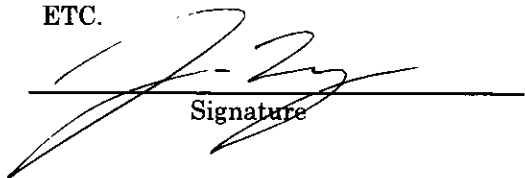
VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice 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,


Signature

Date

Name

By

Its

Jantha Mogen

COO

Date

Signature

08/01/2025

WW-9
(5/16)

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JUL 22 2025

WV Department of
Environmental Protection

API Number 47 - 073 - 02587

Operator's Well No. P5N3U

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) Sugar Creek of Outlet Middle Island Creek Quadrangle Bens Run 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: N/A

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml.? N/A

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application (if selected provide a completed form WW-9-GPP)
- ☒ Underground Injection (UIC Permit Number 47-085-09721)
- ☐ Reuse (at API Number _____)
- ☐ Off Site Disposal (Supply form WW-9 for disposal location)
- ☒ Other (Explain Using contract haulers (API 47-085-05151))

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. 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 101219WW

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 Emily Potesta

Company Official (Typed Name) Emily Potesta

Company Official Title Regulatory Agent

Subscribed and sworn before me this 18 day of July, 2025

Cheryl Sue Cox Notary Public

My commission expires Oct 3, 2027



Proposed Revegetation Treatment: Acres Disturbed less than an acre Prevegetation pH 6.8Lime 3 Tons/acre or to correct to pH 6.8Fertilizer type 10-20-20Fertilizer amount 500 lbs/acreMulch Hay 20 Tons/acre

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Seed MixturesTemporaryPermanent

Seed Type	lbs/acre
Annual Ryegrass	40

Seed Type	lbs/acre
KY Blugrass	20
Creeping Red Fescue	20

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: Shen Ky

Comments: _____

Title: oil & Gas InspectorDate: 7-16-25

Field Reviewed?

(☒) Yes(☐) No

08/01/2025

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

Operator Name: Jay-Bee Oil & Gas, Inc.

Watershed (HUC 10): Sugar Creek of Outlet Middle Island Creek Quad: Bens Run 7 1/2'

Farm Name: Jay-Bee Royalty, LLC

1. List the procedures used for the treatment and discharge of fluids. Include a list of all operations that could contaminate the groundwater.

No fluids will be intentionally discharged.
There is potential for leaks from pipes and hoses.
There could be leaks from tanks or associated fittings.
The equipment may leak.
There could be discharge at the wellhead.
Contamination could result from fertilizer runoff during reclamation.

2. Describe procedures and equipment used to protect groundwater quality from the list of potential contaminant sources above.

Reinforced silt fence (or equivalent) will be placed down hill on the side of hill below the well. The berm and plastic pad liner will be improved prior to the plugging operation. Pad Sumps will be closed during operations, so liquids will be held onsite. Circulated fluids will flow into an open top tank. These fluids will go to appropriate disposal facilities.
During reclamation fertilizer will be spread according to the plan outlined above and when heavy rains are not expected in the near future.

Subsurface groundwater water will be protected as outlined in the operational procedures in this plan.

3. List the closest water body, distance to closest water body, and distance from closest Well Head Protection Area to the discharge area.

400' SE to unnamed drain then 2100' westerly to Sugar Creek then 4500' NW to Middle Island Creek then 11.82 miles to the Ohio River.

4. Summarize all activities at your facility that are already regulated for groundwater protection.

The JB operated "P5" wells are located on the same P5 Well Pad. Permits for additional wells on that pad are in progress.

5. Discuss any existing groundwater quality data for your facility or an adjacent property.

08/01/2025

SK

JUL 22 2025

WV Department of
Environmental Protection

WW-9- GPP
Rev. 5/16

Page _____ of _____
API Number 47 - _____ - _____
Operator's Well No. _____

No Ground water data is available.

6. Provide a statement that no waste material will be used for deicing or fill material on the property.

No waste material will be used for deicing or fill material on the property.

7. Describe the groundwater protection instruction and training to be provided to the employees. Job procedures shall provide direction on how to prevent groundwater contamination.

Prior to starting the operations and monthly thereafter, a tailgate training session will be held onsite. Topics to be discussed: potential contaminants onsite, how contaminants should be stored and handled, how to minimize potential for leaks and spills, how to clean up any spills or leaks. The importance of protecting groundwater will be discussed.

8. Provide provisions and frequency for inspections of all GPP elements and equipment.

Prior to starting the operations and monthly thereafter, a tailgate training session will be held onsite. Topics to be discussed: potential contaminants onsite, how contaminants should be stored and handled, how to minimize potential for leaks and spills, how to clean up any spills or leaks. The importance of protecting groundwater will be discussed.

Signature: Emily Fottete

Date: 7/14/25

Shawn King
7-16-25

08/01/2025

P5 PAD

Exhibit 1

Pg. 1 of 2

DRAWING NOT
TO SCALE

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JUL 22 2025

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Darin J Barber
T.M. 7-11-27
165 Ac.

Jay-Bee Royalty LLC
T.M. 7-11-28
56.5 Ac.

Jay Bee Oil
and Gas Inc.
T.M. 7-11-30
25.14 ac.

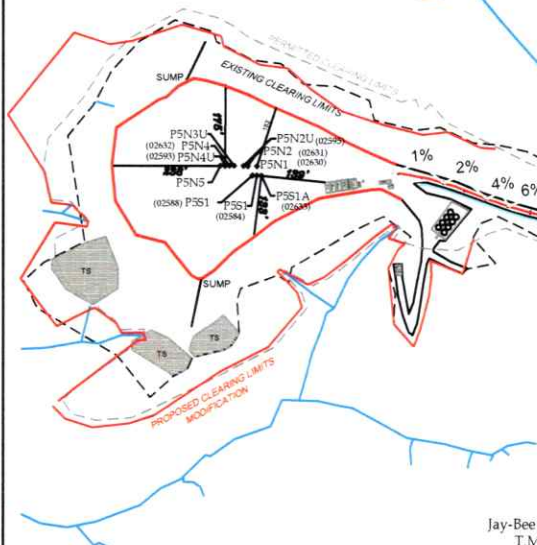
Jay-Bee Royalty LLC
T.M. 7-11-29
165 ac.

Matthew A
and Dawna M Taylor
T.M. 7-11-45
94.61 Ac.

Jay-Bee Royalty LLC
T.M. 7-11-29
165 ac.

Matthew A
and Dawna M Taylor
T.M. 7-11-43
18.6 Ac.

Matthew A
and Dawna M Taylor
T.M. 7-11-45
123.27 Ac.



LEGEND	
BP	Timber/Brush Pile
TS	Topsoil Stockpile
⊙	Culvert
—	Sediment and Erosion Control
---	Clearing Limits (LOD) Modification
---	Clearing Limits (LOD)
---	Centerline of Road
---	Stream
---	Field Fence
---	Property Line



Jackson Surveying Inc.
677 W. Main St.
Clarksburg, Wv 26301
Phone: 304-623-6861

TOPO SECTION:

BENS RUN 7.5'

COUNTY	DISTRICT
PLEASANTS	UNION
DRAWN BY	PROJECT
J.D.C	P5 PAD

OPERATOR:

PREPARED FOR:

JAYBEE OIL & GAS INC
429 SIMONTON RD.
ELLENBORO, WV 26346

DATE	SCALE
07-10-2025	NONE



Jay Bee
Oil & Gas
DRILLING
into the future

08/01/2025

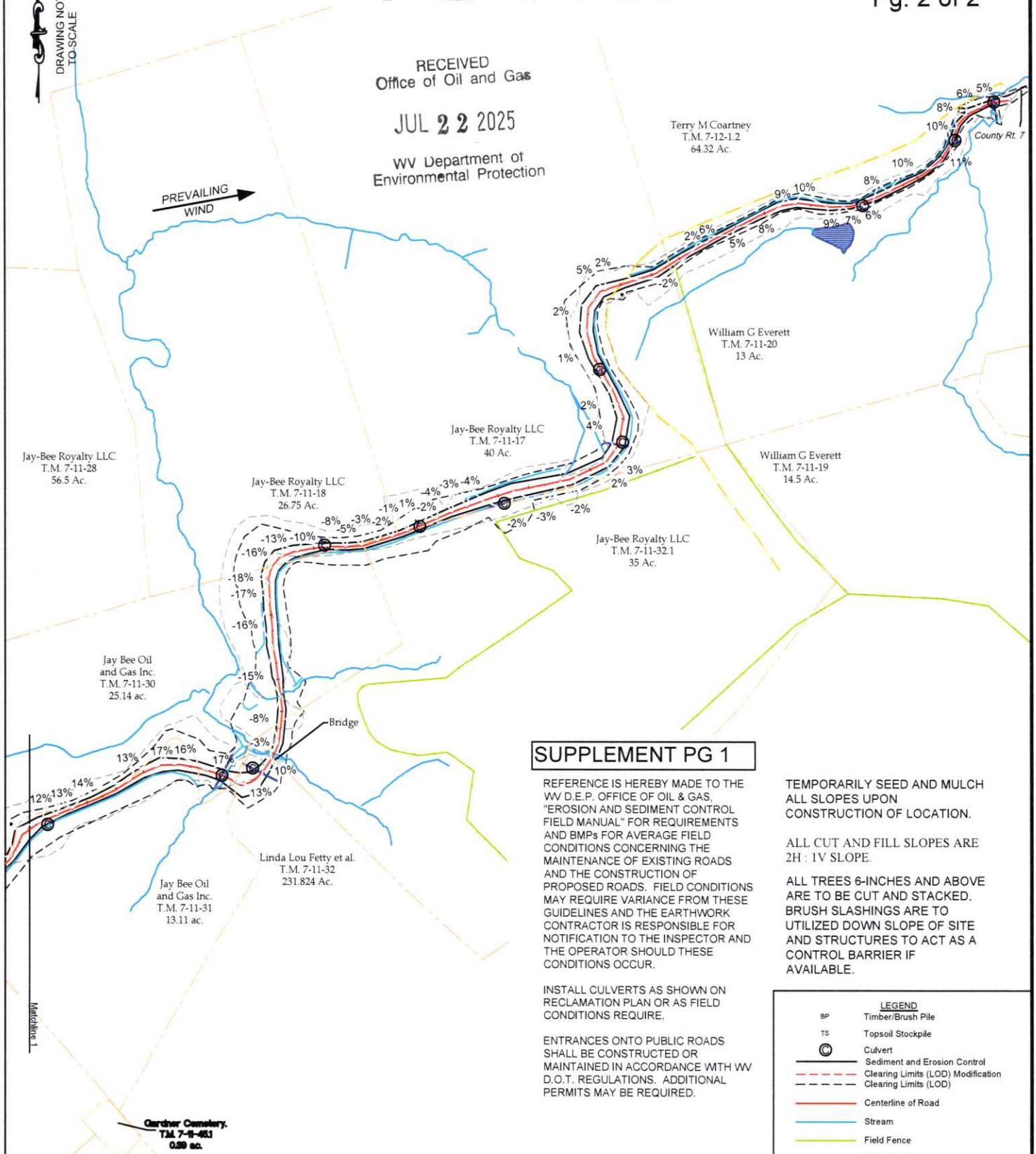
Shannon

P5 PAD

Exhibit 1

Pg. 2 of 2

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WV Department of
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Jackson Surveying Inc.
677 W. Main St.
Clarksburg, Wv 26301
Phone: 304-628-6861

TOPO SECTION:

BENS RUN 7.5'

COUNTY	DISTRICT
PLEASANTS	UNION
DRAWN BY	PROJECT
J.D.C	P5 PAD

OPERATOR:

PREPARED FOR:

JAYBEE OIL & GAS INC.
429 SIMONTON RD.
ELLENBORO, WV 26346

DATE	SCALE
07-10-2025	NONE



Jay Bee Oil & Gas
DRILLING
into the future

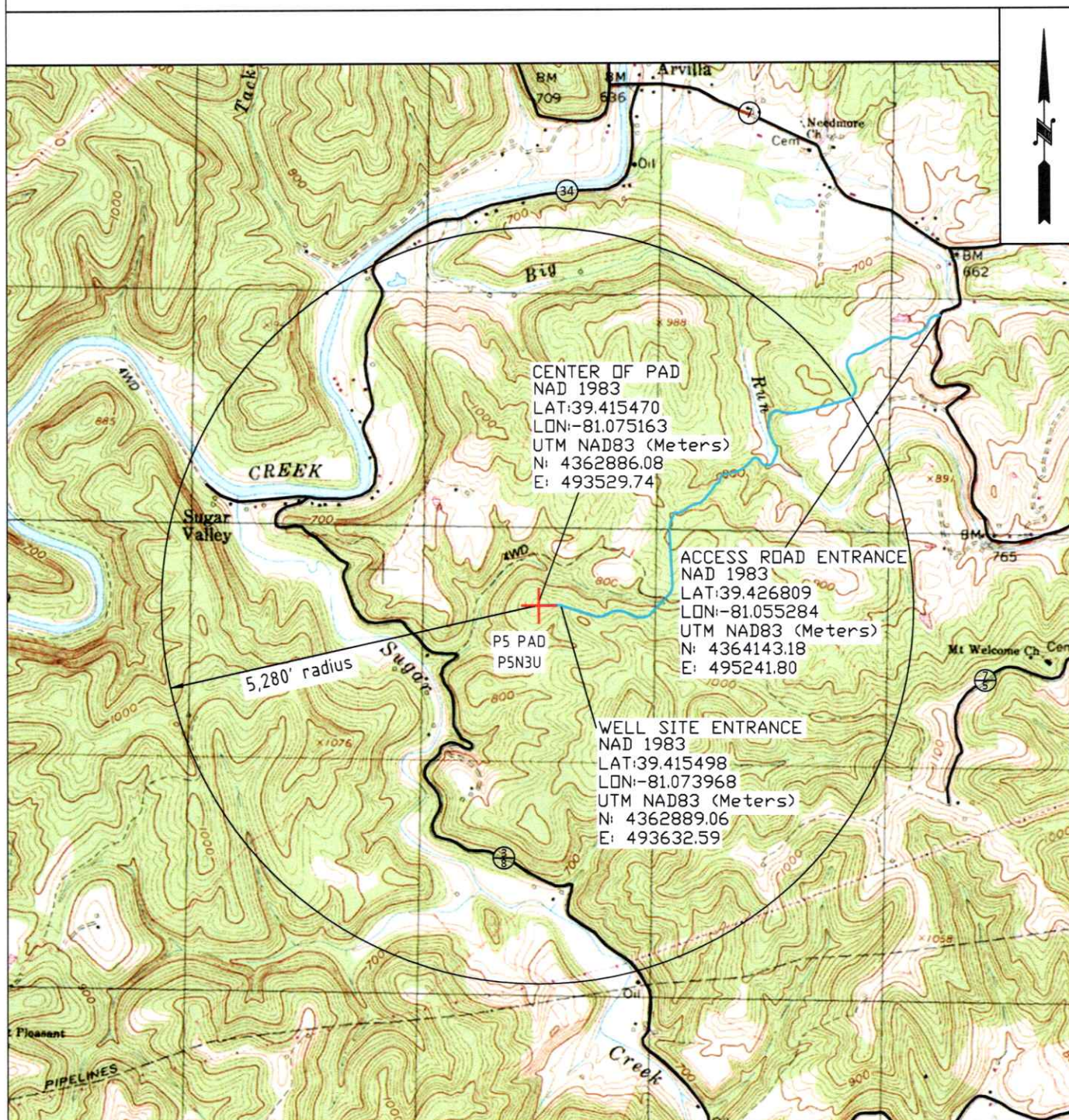
08/01/2025

Shawn K
7-11-25

WW-9

PROPOSED P5 PAD P5N3U

EXHIBIT 2



Jay Bee
Oil & Gas
DRILLING
Into the future

OPERATOR

JAYBEE OIL & GAS INC.
429 Simonton Rd.
Ellenboro, WV 26346

TOPO SECTION

BENS RUN 7.5'

SCALE:

1" = 2000'

WELL NAME

P5N3U

DATE:

DATE: 07-10-2025

SK 08/01/2025
7-16-25

-Top Hole 9,479'

Diagram illustrating a survey line with a deflection angle. The line starts at a point labeled "Shagbark Hickory" with a bearing of $N 72^{\circ} 46' E$ and a distance of 370.9'. It then turns at a deflection angle of 18° to a second point labeled "Poplar" with a bearing of $N 20^{\circ} 40' E$ and a distance of 382.2'. The total length of the line is 753.1'.

TH | 7 1/2'

Top Hole
Geo NAD 83- 39.415518 N, 81.075215 W
UTM NAD 83(Meters)-4362891.41 N, 493525.28 E
UTM NAD 83(Feet)-14313919.56 N, 1619174.20 E

NUMBER	DIRECTION	DISTANCE
L1	N03°13'E	1,869.5'
L2	S73°47'W	2,961.0'

LONGITUDE 81-02-30 W Top Hole 418'

—LEGEND—

— · — · — · —	Lease lines
-----	Surface tracts within lease
-----	Adjoiner tracts

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

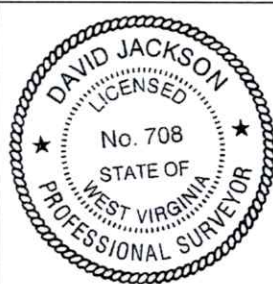
FILE NO. _____
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF
ACCURACY 1 in 200
PROVEN SOURCE OF
ELEVATION GPS
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED)

David L Jackson

R.P.E. _____ P.S. 708



STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE July 11. 2025

OPERATOR'S WELL NO. P5N3U

API WELL NO.

$$\underline{47} \quad \underline{- 073} \quad \underline{- 02587}$$

STATE	COUNTY	PERMI
-------	--------	-------

X

Outlet Middle Island Creek (HUC

Pleasants

ACREAGE 165.0 Ac

LEASE ACREAGE 165.0

LEASE NO. 08/01/2

FRACTURE OR

CORPORATE NEW

L (SPECIFY)_____

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$$= 30' ; TMD = 30'$$

ATED AGENT *Deborah Broda-Mor*

9 Simonton Road, Ellenboro, WV 26031

Z:\2025 BACKUPS\1-02-25 DJ\JAY BEE\P5\WELL PLAT\P5N3U\JB PLEASANTS P5N3U 7-10-25.DWG
FRIDAY, JULY 11, 2025 08:57AM

Sharon M
7-16-25

JACKSON SURVEYING
INC.
2413 East Pike Street
#112
Clarksburg, WV 26301
304-623-5851

Number	Tax Map -Parcel	Surface Owner	Acres
S1	7-11-29	Jay-Bee Royalty LLC	165
S2	7-11-27	Darin J Barber	165
S3	7-11-28	Jay-Bee Royalty LLC	56.5
S4	7-11-30	Jay Bee Oil & Gas, Inc	25.14
S5	7-11-32	Norma Jean Farson, Larry William Horner, Linda Lou Fetty & Garry Lee Horner	231.824
S6	7-11-45.1	Gardner Cemetery	0.39
S7	7-11-45	Matthew A & Dawina M Taylor	94.61
S8	7-11-43	Matthew A & Dawina M Taylor	18.6
S9	7-11-44	Matthew A & Dawina M Taylor	25.8
S10	7-11-41	Melanie Jo Manuse Revocable Trust	123.27
S11	7-11-40	Jay Bee Royalty, LLC	62.063
S12	7-11-25.3	Kenneth G Holmes	5.621



P.S.
708

David L Jackson

Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the pad. No perennial stream is located within 100' of the LOD. No producing trout stream is located within 300' of the LOD.
4. All deep wells within 3000' of well bore path are shown on this plat.



Jay Bee
Oil & Gas

DRILLING
into the future

OPERATOR'S
WELL #: 47-073-02587
DISTRICT: UNION
COUNTY: PLEASANTS
STATE: WV

P5N3U Well Plat
PAGE 2 OF 2
DATE: 07/11/2025

08/01/2025



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WV Department of
Environmental Protection

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

Tuesday, July 16, 2019
WELL WORK PERMIT
Horizontal 6A / New Drill

JAY-BEE OIL & GAS, INC.
1720 RT. 22 E

UNION, NJ 070830000

Re: Permit approval for P5N3U
47-073-02587-00-00

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.

Please be advised that form WR-35, Well Operators Report of Well Work 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: P5N3U
Farm Name: BB LAND LLC
U.S. WELL NUMBER: 47-073-02587-00-00
Horizontal 6A New Drill
Date Issued: 7/16/2019

PERMIT CONDITIONS

11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

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WW-6B
(04/15)

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API NO. 47- 73 - 02587

OPERATOR WELL NO. P5N3U

Well Pad Name: P5

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

1) Well Operator: Jay-Bee Oil & Gas, Inc. 24610 Pleasants Union Ben's Run 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: P5N3U Well Pad Name: P5

3) Farm Name/Surface Owner: BB Land, LLC Public Road Access: Arvilla Rd.

4) Elevation, current ground: 896.1' Elevation, proposed post-construction: 868.1'

5) Well Type (a) Gas X Oil _____ Underground Storage _____
Other _____

(b) If Gas Shallow _____ Deep X
Horizontal X

6) Existing Pad: Yes or No No

JCB
11/29/2018

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Point Pleasant 10,196' Depth, 256' Thickness, 8000 psi, Trenton: 10,481' Depth Thickness, 180' Thickness, 8000 psi

8) Proposed Total Vertical Depth: 10,481' TVD, 10,196' TVD (Horizontal section)

9) Formation at Total Vertical Depth: Trenton (TVD) Utica (Horizontal)

10) Proposed Total Measured Depth: 22,107'

11) Proposed Horizontal Leg Length: 10,408.5'

12) Approximate Fresh Water Strata Depths: 127'

13) Method to Determine Fresh Water Depths: API 47-073-00798 Freshwater, 47-073-00636 Saltwater, 47-073-00099 Coal

14) Approximate Saltwater Depths: 1,756.1'

15) Approximate Coal Seam Depths: 456.1-461.1'

16) Approximate Depth to Possible Void (coal mine, karst, other): N/A

17) Does Proposed well location contain coal seams
directly overlying or adjacent to an active mine? Yes _____ No X

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

WW-68
(10/14)

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API NO. 47- 73 - 02597
OPERATOR WELL NO. P5N3U
Well Pad Name: P6

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill vertical section of this well into the Trenton for logging purposes and to gather information. After that is complete we will plug back the well with a solid cement plug from TD to KOP, effectively plugging the Trenton formation, and drill a Horizontal section through the Point Pleasant formation.


11/29/2018

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

+/- 200' per stage using 8,000bbls of water per stage and approx. 180,000-200,000lbs. of sand Friction reducer at a 1.0gpt ratio Scale inhibitor at a .25gpt ratio biocide for prevention of bacteria growth at a .25gpt ratio and 2000 gallons of 15% acid @ 70-80BPM with pressure ranging from 6,000 to 11,000PSI. The use of a gelling agent and a breaker may be used if needed throughout the fracturing process. Water and sand will make up approximately 99% of the fluid used to stimulate with.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 21.6

22) Area to be disturbed for well pad only, less access road (acres): 10.67

23) Describe centralizer placement for each casing string:

Conductor: None

Surface: 1 on joint above shoe and then one every 4th joint to surface

Intermediate 2 Strings: 1 on joint above shoe and then on every 4th joint to surface

Production: Horizontal every 42' Spiral Centralizer, Curve - every 84' Spiral Centralizer. Vertical every 500' to surface

24) Describe all cement additives associated with each cement type:

Conductor: Class A no additives

Surface: Class A Cement, 2% Calcium Chloride, 1/4# flake

Intermediate 1: Class A Cement, Calcium Chloride, Bentonite, FP-13L, BA-10A

Intermediate 2: Class A Cement, BA-90, Potassium Chloride (KCL), MPA-170, R-3, Sodium Metasilicate (SMS), FL-52, ASA-301

Production Lead: 50/50 Poz-Class A+10% Salt-(BWOW)+3%Bentonite+0.65% Super FL-200+0.1%SEC-10+0.5% Air Out+0.1% R-1

Production Tail: 50/50 Poz-Class A+10% Salt-(BWOW)+3%Bentonite+0.65% Super FL-200+0.1%SEC-10+0.5% Air Out+0.1% R-1

25) Proposed borehole conditioning procedures:

Air Hole: 24" 17 1/2" & 12 1/4" - Circulate until clean with air. If soaping, slug then dry.

8 1/2" Hole drilled on fluid for the 5 1/2" casing will be circulated 5-6 bottoms up and minimum of 2 heavy weighted sweeps will be pumped to ensure all cuttings are circulated continued until no cuttings are retrieved

*Note: Attach additional sheets as needed.

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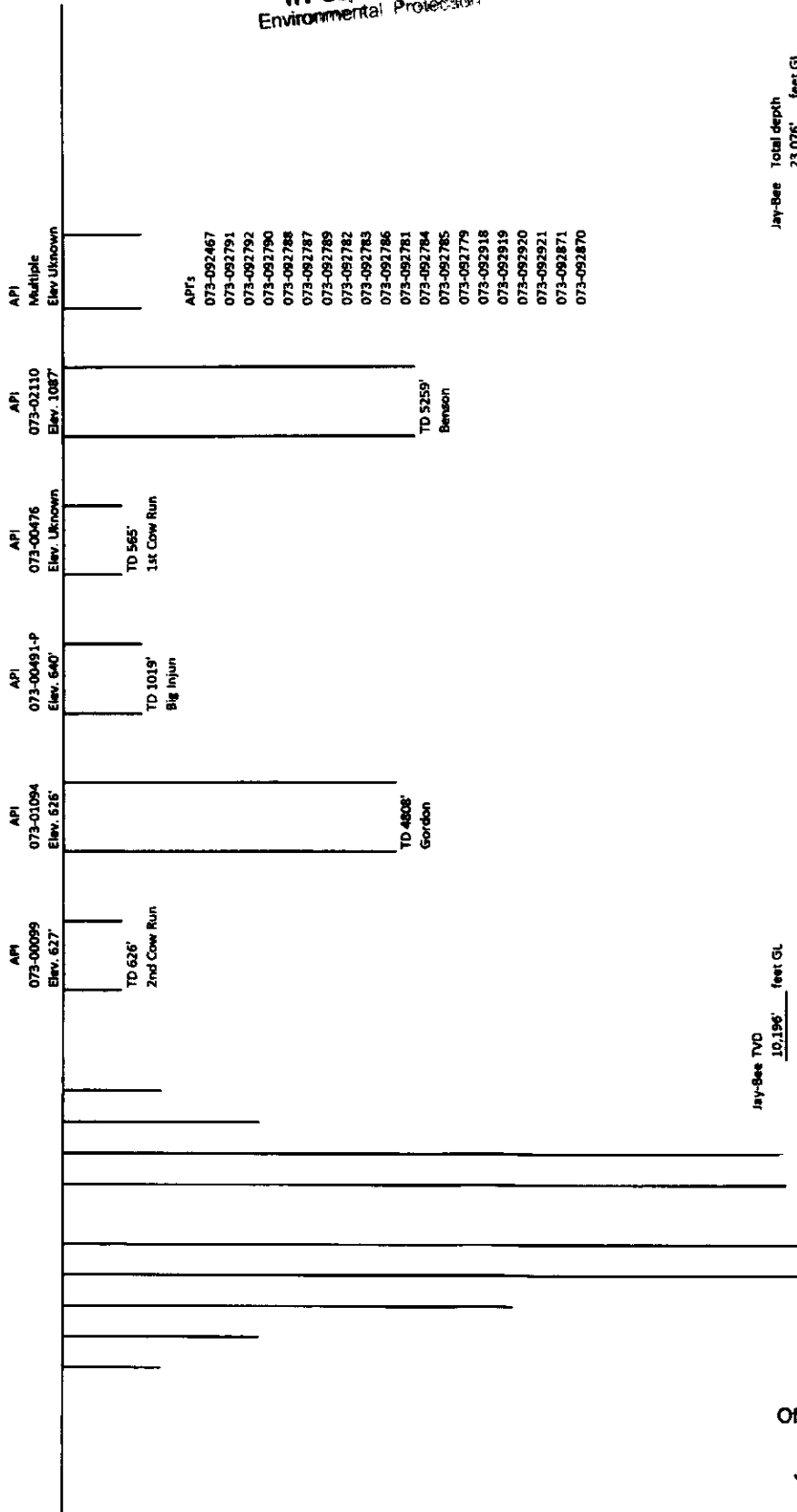
JUL 22 2025

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Environmental Protection

73-02587

Jay-Bee Oil & Gas Inc.
Well Name PSNBU
GL Elevation 358.1'

Well-Site Safety Plan Anti-Collision Schematic



Jay-Bee TVD
10,196' feet GL

Jay-Bee Total depth
23,076' feet GL

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73-02587

Area of Review
PSN3U - API Pending

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API 073-00099 Elev. 627'	API 073-01094 Elev. 626'	API 073-00491-P Elev. 640'	API 073-00476 Elev. Unknown	API 073-02310 Elev. 1087'	API Multiple Elev. Unknown
TD 626' 2nd Cow Run		TD 1019' Big Injun	TD 565' 1st Cow Run		
	TD 4806' Gordon			TD 5259' Benson	API's 073-092467 073-092791 073-092792 073-092790 073-092788 073-092787 073-092789 073-092782 073-092783 073-092786 073-092781 073-092784 073-092785 073-092779 073-092918 073-092919 073-092920 073-092921 073-092871 073-092870

Operator	Dinsmoor & Co.	Gedco Oil & Gas	Tackett Oil Co.	CJ Barnhart	Wapiti Exploration Co.	Unknown
Well Name	ML Smith 14	Hazel Fell 2	EK Williamson 1	WH Barnhart 1	Westvaco 1	Unknown
Perforated Formations	Cow Run	Gordon	Big Injun	Cow Run	Benson	Unknown
Unperforated Producing Formations		Gantz Berea Weir Big Injun Keener Big Lime Mason Big Dunkard Little Dunkard Cow Run	Keener Big Lime Mason Big Dunkard Little Dunkard Cow Run		Riley Speechley Warren Gordon Gantz Berea Weir Big Injun Keener Big Lime Mason Big Dunkard Little Dunkard Cow Run	

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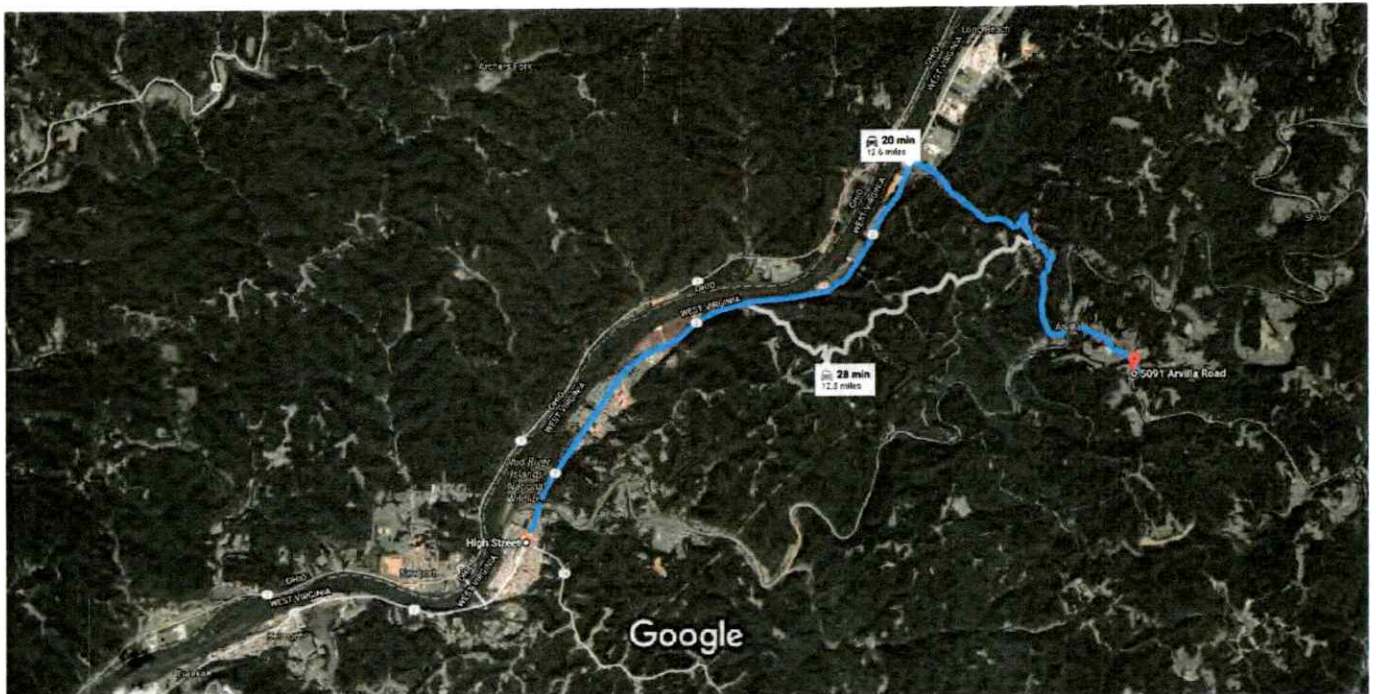
WV Department of
Environmental Protection
08/01/2025

73-02587



High St, St Marys, WV 26170 to 5091 Arvilla Rd,
Bens Run, WV 26146

Drive 12.6 miles, 20 min



Imagery ©2017 Google, Map data ©2017 Google United States 1 mi

High St

St Marys, WV 26170

1. Head northeast on WV-2 N/2nd St toward Fairview Dr
[Continue to follow WV-2 N](#)

2. Turn right onto Arvilla Rd

3. Turn right to stay on Arvilla Rd

5091 Arvilla Rd

Bens Run, WV 26146

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7.4 mi

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4.0 mi

1.3 mi

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

08/01/2025

13-02587

PROPOSED P5 PAD P5N3U

Exhibit 1
SHEET 1

DRAWING NOT
TO SCALE

PREVAILING
WIND

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Jay Bee Oil
& Gas Inc.
T.M. 11/20
25.14 ac.

Jay Bee Oil
& Gas Inc.
T.M. 11/20
15.81 ac.

BB Land LLC
T.M. 11/20
185 ac.

BB Land LLC
T.M. 11/20
106 ac.

LEGEND

- TP Timber/Bruah Pile
- TS Topsoil Stockpile
- Sediment and Erosion Control
- - - Clearing Limits (LOD)
- Edge of Road
- Stream
- Field Fence
- Property Line



Jackson Surveying Inc.
677 W. Main St.
Charlottesville, VA 22901
Phone: 504-623-8861

TOPO SECTION:

BENS RUN T.S.

COUNTY	DISTRICT
PLEASANTS	UNION
DRAWN BY	PROJECT
J.A.H.	P5N3U

OPERATOR:

PREPARED FOR:

JAYBEE OIL & GAS INC.
3570 SHELDS HILL RD.
CAIRO, WV 26337

DATE

11-16-2018

SCALE

NONE



Jay Bee
Oil & Gas

DRILLING
into the future

08/01/2025

73-02587

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Environmental Protection

BOOK 324 PAGE 646

Sheldon Jones
PLEASANTS County 08:40:21 PM
Instrument No 630488
Date Recorded 07/25/2018
Document Type EASEMENT
Pages Recorded 4
Book-Page 324-646
Recording Fee \$5.00
Additional \$5.00

CERTIFICATE OF CONSENT AND EASEMENT

We, the undersigned, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, being all the owners of the surface of that certain lot, tract or parcel of land located in Union District, Pleasants County, State of West Virginia, shown on the attached plat or survey, or hereby consent and grant an easement, pursuant to West Virginia Code, Section 22C-9-7(b)(4) and Operating Rule 4.4 of the Rules and Regulations of the West Virginia Oil and Gas Conservation Commission, to Jay-Bee Oil & Gas, Inc., its successors or assigns, for the drilling and operation of a deep well for the production of oil or gas at the location shown on the attached plat or survey.

Executed this 25th day of July, 2018.

STATE OF WEST VIRGINIA
COUNTY OF RITCHIE To-Wit

I, Teresa R. Hall, a Notary Public in and for the aforesaid County and State, do hereby certify that Randy Broda, whose name is signed to the writing above, bearing date on the 25th day of July, 2018, has this day acknowledged the same before me, in my said County and State.
Given under my hand this 25th day of July, 2018.

Teresa R. Hall

My Commission expires on: Oct 9th 2019

This instrument prepared by:
WV Oil and Gas Conservation Commission
601 57th Street
Charleston, WV 25304



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WW-9
(4/16)

JUL 22 2025

API Number 47 - 73 - 02587

Operator's Well No. PSN3U

WV Department of
Environmental Protection

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) Middle Island Creek Quadrangle Bens Run 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: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☒ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

- ☐ Land Application
- ☒ Underground Injection (UIC Permit Number 47-085-09721)
- ☐ Reuse (at API Number _____)
- ☐ Off Site Disposal (Supply form WW-9 for disposal location)
- ☒ Other (Explain Using Contract Haulers (API's 47-085-05151))

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Will closed loop system be used? If so, describe: Yes, Centrifuge Drying Shaker System for Top Hole & Horizontal section

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

-If oil based, what type? Synthetic, petroleum, etc. ABS 40 (Aliphatic Base System) Synthetic

Additives to be used in drilling medium? Barite, ABS MULVIS, Bentone990, CACL2, CalCarb, FLR, Lime, Multifiber, Pormaseal, Nut Plug

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? Meadowhill/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 August 1, 2005, 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 _____

Company Official (Typed Name) Shane Dowell

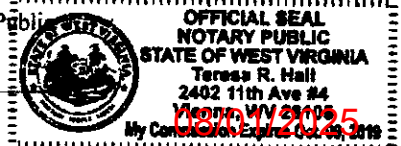
Company Official Title Office Manager

Subscribed and sworn before me this 26th day of July, 20 18

Teresa R. Hall

Notary Public

My commission expires Oct 9th 2019



4707302587

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P5N3U

WELL SITE SAFETY PLAN

JAY-BEE OIL & GAS, INC

*DAH
7-26-18
JEB
7/26/2018*

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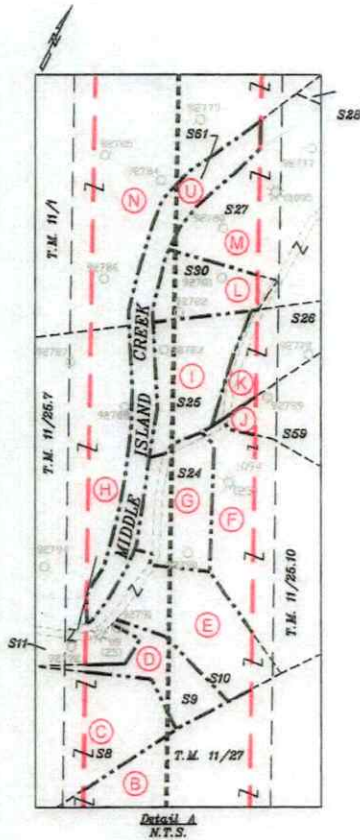
JUL 30 2018

WV Department of
Environmental Protection

08/01/2025

JACKSON SURVEYING
INC.
P.O. Box 1460
877 W. Main St.
Clarksburg, WV 26302
304-823-5851

P5N3U
LEASE AREA
223.843± AC.



TRACT	SURFACE OWNER	TM PARCEL Union Dist.	ACRES
S1	MATTHEW A. & DAWNA M. TAYLOR	11 / 43	18.6
S2	MATTHEW A. & DAWNA M. TAYLOR	11 / 44	25.8
S3	MELANIE JO MANUSE REVOCABLE TRUST	11 / 41	123.27
S4	GOLDEN EAGLES RESOURCES LLC & HUMMER PROPERTIES LLC	11 / 40	62.063
S5	MAX E. & LINDA L. HALL & CLINTON HALL JR.	11 / 34	38.33
S6	GOLDEN EAGLE RESOURCES LLC	11 / 35	30.893
S7	EDWARD W. JEFFREY L. WILLIAMSON	11 / 33	14.25
S8	KENNETH C. & DORIS A. HOLMES	11 / 25.12	21.267
S9	JOSHUA S. & ABIGAIL K. HOLMES	11 / 25.14	2.268
S10	RONALD S. & VICKIE L. HOLMES	11 / 25.11	0.75
S11	MATTHEW S. & STEFANIE A. HOLMES	11 / 25.6	0.581
S12	JON. R. & SHARON Y. BAILEY	11 / 25.13	0.624
S13	DEANE SCHULTHEIS	11 / 25.5	0.75
S14	KENNETH C. & DORIS A. HOLMES	11 / 25.3	5.621
S15	BENNY D. & C. DARLENE WHARTON	11 / 25.4	2.25
		11 / 25.8	TOTAL
S16	THETA D. & NEAL RODNEY MYERS	11 / 24	0.21
S17	JAMES KEVIN STOUT, ET AL	11 / 23.1	0.524
S18	JAMES KEVIN STOUT, ET AL	11 / 23.2	0.084
S19	STEPHEN A. & LINDA K. POYNTER	11 / 23	0.93
S20	SUGAR VALLEY SCHOOL	11 / 25.1	0.57
S21	LINDA L. SHIMER	11 / 22	3.63
S22	DEPARTMENT OF NATURAL RESOURCES	11 / 22.1	1.37
S23	MICHAEL BLANIE BEAGLE	11 / 21	1.0
S24	EMMA JULIA FELL MIXER	11 / 25	5.033
S25	GARY BURIAN	11 / 2	6.1
S26	EMMA JULIA FELL MIXER	11 / 25.2	4.687
S27	KENNETH G. HOLMES, ET AL	11 / 3	18.45
S28	ROGER Q. & KIMBERLY A. HOLMES, ET AL	11 / 3.1	1.75
S29	ROGER Q. & KIMBERLY A. HOLMES, ET AL	11 / 4	1.0
S30	EDWARD B. & MELISSA K. HOLMES	11 / 3.2	3.447
S31	JOHN TICE	10 / 51.1	1.0
S32	JIMMY M. THAXTON II	11 / 51	5.564
S33	JOHN P. & BRENDA J. RIGGS	10 / 49	4.0
S34	JESSE M. & JUDITH K. BARNHART	10 / 24	25
S35	JESSE M. & JUDITH K. BARNHART	10 / 26	1.0
S36	LARRY O. & BRENDA L. BARNHART	10 / 25	10.0
S37	LARRY O. & BRENDA L. BARNHART, ET AL	10 / 7.1	1.0
S38	HEARTWOOD FORESTLAND FUND IV LIMITED PARTNERSHIP	6 / 56.1	12.5
S39	CARROLL L. ASH	5 / 36	15.0
S40	MICHEAL W. METZ	5 / 37	20.0
S41	NATHAN WADE BENNETT	6 / 109	5.011
S42	CEMETERY	-	-
S43	DAVID ROGER & PATTY SUE MCCARTNEY	6 / 30.1	6.0
S44	DAVID ROGER & PATTY SUE MCCARTNEY	6 / 31	0.75
S45	RICHARD L. LEWIS JR. & BERYLANN LEWIS	6 / 32	6.08
S46	TIMOTHY R. & PAMELA J. NICHOLS	5 / 38	11.21
S47	HEARTLAND FORESTLAND FUND IV LIMITED PARTNERSHIP	6 / 100	84
S48	JAY BEE OIL & GAS, INC.	11 / 31	13.11
S49	LARRY WILLIAM HORNER, ET AL	11 / 32	231.82
S50	GARDNER CEMETERY	11 / 45.1	0.39
S51	LOUIE A. STANLEY	6 / 37	60.0
S52	CHARLES R. & BETH ANN MANKINS	6 / 38	23.5
S53	CHARLES R. & BETH ANN MANKINS	6 / 39	25.5
S54	CHARLES R. & BETH ANN MANKINS	6 / 30	45.0
S55	MARK J. & MICHELLE LYNN WEAVER	5 / 56	117.412
S56	JOSEPH & CYNTHIA AYERS	5 / 61	35.981
S57	RICHARD C. & DIANE BEANE	10 / 7	20.0
S58	ROBERT WILLIAM BUTLER, ET AL	6 / 103	38.93
S59	ROGER Q. & KIMBERLY A. HOLMES	11 / 25.9	20.53
S60	ROGER Q. & KIMBERLY A. HOLMES	11 / 5	111.0
S61	WEST VIRGINIA DIVISION OF NATURAL RESOURCES	MIDDLE ISLAND CREEK	6.77

Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.
2. Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 83.
3. No water wells were found within 250' of the well location. No dwellings or buildings were found within 825' from the center of the pad. No perennial stream is located within 100' of the LOD. No producing trout stream is located within 300' of the LOD.
4. All deep wells within 3000' of well bore path are shown on this plat.

P. 5
708

David L. Jackson



Jay Bee
Oil & Gas

DRILLING
into the future

OPERATOR'S

WELL #: P5N3U -02587

DISTRICT: UNION

COUNTY: PLEASANTS

STATE: WV

P5N3U Well Plat

PAGE 2 OF 3

DATE: 11/28/2018

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WW-6A1
(5/13)

Operator's Well No. P5N3U

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE
Chapter 22, Article 6A, Section 5(a)(5)
IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that --

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
-------------------------	-----------------------	-----------------------	---------	-----------

See attached exhibit to WW-6A1

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**Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator Jay Bee Oil and Gas, Inc

By: Chris Lindsey

It's Office Manager

73-02587

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WV Department of
Environmental Protection

AFFIDAVIT FILED PURSUANT TO
W. Va. CODE §§ 22-6-8 & 22-6A-5(a)(5)

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, to-wit:

Randy Broda, President of Jay-Bee Oil & Gas, Inc. and Randy Broda, Managing Member of BB Land, LLC, being duly sworn, state as follows:

1. I, Randy Broda, am the President of the applicant, Jay-Bee Oil & Gas, Inc. In my capacity as President, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of the applicant.
2. I, Randy Broda, am the Managing Member of BB Land, LLC, which holds the rights to extract, produce or market the oil or gas. In my capacity as Managing Member, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of BB Land, LLC.
3. We certify that we are authorized by the holders of the right to extract, produce or market the oil or gas, if not the applicant, to state that the applicant has the right to extract, produce or market the oil or gas pursuant to the leasing and other continuing contract information provided in the application(s) for the P5N3, P5N3U, P5N4, P5S1, P5S3, P5S3U, P5S4 wells (API No(s). to be determined), on Form WW-6A1.
4. We certify that we are authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, on all such oil or gas to be extracted, produced or marketed from the well.
5. We certify under the penalty of law that we have personally examined and are familiar with the information contained and referenced herein and that, based on our inquiries of those individuals immediately responsible for obtaining the information, we believe that the information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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73-02587

AFFIDAVIT FILED PURSUANT TO
W. Va. CODE §§ 22-6-8 & 22-6A-5(a)(5)

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, to-wit:

Randy Broda, President of Jay-Bee Oil & Gas, Inc. and Randy Broda, Managing Member of Jay-Bee Royalty, LLC, being duly sworn, state as follows:

1. I, Randy Broda, am the President of the applicant, Jay-Bee Oil & Gas, Inc. In my capacity as President, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of the applicant.

2. I, Randy Broda, am the Managing Member of Jay-Bee Royalty, LLC, which holds the rights to extract, produce or market the oil or gas. In my capacity as Managing Member, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of Jay-Bee Royalty, LLC.

3. We certify that we are authorized by the holders of the right to extract, produce or market the oil or gas, if not the applicant, to state that the applicant has the right to extract, produce or market the oil or gas pursuant to the leasing and other continuing contract information provided in the application(s) for P5N3, P5N3U, P5N4, P5S1, P5S1U, P5S3, P5S4 well API No(s). pending, on Form WW-6A1.

4. We certify that we are authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, on all such oil or gas to be extracted, produced or marketed from the well.

5. We certify under the penalty of law that we have personally examined and are familiar with the information contained and referenced herein and that, based on our inquiries of those individuals immediately responsible for obtaining the information, we believe that the information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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JAY-BEE OIL & GAS, INC.

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July 5, 2018

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

RE: P5N3U Well

Permitting Office:

As you know we have applied for a well permit for the P5N3U Well in Pleasants County, West Virginia. This pad is located on what we call the P7207 tract. Sugar Valley Rd (CR34) runs North of this tract and our proposed well leg runs under these roadways.

You have requested that we review the courthouse records to determine if the Department of Highways has any right to the minerals underneath this section of roadway. Our outside counsel has reviewed documents in the Pleasants County Courthouse and could find no agreement that conveys mineral interests to the Department of Highways. Therefore Jay-Bee believes it has obtained leases from all mineral interests holders necessary to proceed with drilling on this tract after the permit is issued.

If you would have any questions concerning this matter, please feel free to contact our office at the numbers listed below.

Sincerely,

Shane Dowell
Office Manager

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Certification of Notice is hereby given:

THEREFORE, I Shane Dowell, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator: Jay-Bee Oil & Gas, Inc.

By: Shane Dowell

Its: Office Manager

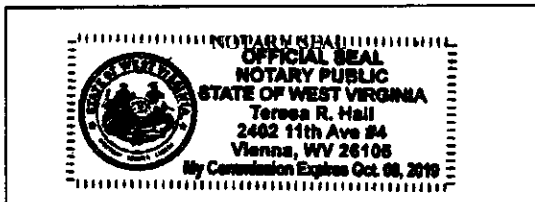
Telephone: 304-628-3111

Address: 3570 Shields Hill Rd.

Cairo, WV 26337

Facsimile: 304-628-3119

Email: sdowell@jaybeoil.com



Subscribed and sworn before me this 26th day of July 2018.

Teresa R. Hall Notary Public

My Commission Expires Oct 9th 2019

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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API NO. 47- 73-02587
OPERATOR WELL NO. P5N3U
Well Pad Name: P5

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

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WV Department of
Environmental Protection

API NO. 47- 73-02587

OPERATOR WELL NO. PSN3U

Well Pad Name: P5

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) 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.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and 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.

Disclaimer: All comments received will be placed on our web site <http://www.dep.wv.gov/oil-and-gas/horizontal-Permits/Pages/default.aspx> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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P5N3U WW6A Notice Packet Listing

First	Surname	Address	City	State	Zip
Lay-Bee Oil & Gas, Inc.		3570 Shields Hill Rd	Calto	WV	26337
Darlin	Barber	11378 Dupont Rd.	Washington	WV	26181
Golden Eagle Resources		600 Jefferson St. Suite 200	Houston	TX	77002
Clinton	Hall Jr. et al	1892 Hebron Rd.	St. Marys	WV	26170
Hummer Properties		112 Collins Ave	Pennsboro	WV	26415
Melanie Jo Manuse Revocable Trust		152 Clarendon Rd	Newberry	SC	29108
Matthew & Dawna	Taylor	145 Lamp Hill Rd	St. Marys	WV	26170

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P5 Water Well Reference

Reference	Map	Parcel	First	Surname	Address	City	State	Zip
1	11	29	Jay-Bee Oil & Gas, Inc.		3570 Shields Hill Rd	Cairo	WV	26337
2	11	27	Darin	Barber	11378 Dupont Rd.	Washington	WV	26181
3	11	35	Golden Eagle Resources		600 Jefferson St. Suite 200	Houston	TX	77002
4	11	34	Clinton	Hall Jr. et al	1892 Hebron Rd.	St. Marys	WV	26170
5	11	40	Hummer Properties		112 Collins Ave	Pennsboro	WV	26415
6	11	41	Melanie Jo Manuse Revocable Trust		152 Clarendon Rd	Newberry	SC	29108
7	11	43,44,45	Matthew & Dawna Taylor		145 Lamp Hill Rd	St. Marys	WV	26170

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Operator Well No. P551, P551U, P5N4, P5N4U
P554, P554U, P5N3, P5N3U
P553 P553U

WV Department of
Environmental Protection
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 10-17-2017 **Date of Planned Entry:** 10-24-2017

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)

Name: BB Land, LLC
Address: PO Box 380
Bridgeport, WV 26330
Name: _____
Address: _____
Name: _____
Address: _____
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE

Name: _____
Address: _____
Name: _____
Address: _____

☒ MINERAL OWNER(s)

Name: BB Land, LLC
Address: PO Box 380
Bridgeport, WV 26330
*please attach additional forms if necessary

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Pleasants
District: Union
Quadrangle: Bens Run 7.5'

Approx. Latitude & Longitude: 39.415463 X -81.075180
Public Road Access: Anville Rd (CR7)
Watershed: Middle Island Creek
Generally used farm name: Jay-Bee Oil & Gas, Inc.

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

Well Operator: Jay-Bee Oil & Gas, Inc.
Telephone: 304-628-3111
Email: sdowell@jaybeeoil.com

Address: 3570 Shields Hill Rd.
Caro, WV 26337
Facsimile: 304-628-3119

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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73-02587
Operator Well No. P5N3U

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.
Date of Notice: 07/13/2018 Date Permit Application Filed: 07/13/2018

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Delivery method pursuant to West Virginia Code § 22-6A-16(c)

JUL 22 2015

☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

☐ HAND
DELIVERY

WV Department of
Environmental Protection

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)

(at the address listed in the records of the sheriff at the time of notice):

Name: BB Land, LLC

Name: _____

Address: 75 Crosswinds Dr

Address: _____

Bridgeport, WV 26330

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Pleasants
District: Union
Quadrangle: Berns Run 7.5
Watershed: Middle Island Creek

UTM NAD 83 Easting: 493,525.28
Northing: 4,362,891.41
Public Road Access: Arvilla Rd.
Generally used farm name: BB Land, LLC

This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1) A copy of this code section; (2) The information required to be provided by W. Va. Code § 22-6A-10(b) to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Jay-Bee Oil & Gas, Inc.
Telephone: 304-828-3111
Email: sdowell@jaybeoil.com

Address: 3570 Shields Hill Rd.
Cairo, WV 26337
Facsimile: 304-828-3119

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as 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 or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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**OIL AND GAS ROAD
DISTRICT WIDE BONDING AGREEMENT
For DOH District 3**

THIS AGREEMENT, executed in duplicate, made and entered into this 26th day of August, 2016, by and between the **WEST VIRGINIA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS**, hereinafter called "**DEPARTMENT**," and **JAY-BEE OIL & GAS, Inc, 1720 US Highway 22E #1, Union, NJ 07083-6126**, a New Jersey company, hereinafter called "**COMPANY**."

WITNESSETH:

WHEREAS, Company has horizontal gas well drilling operations in certain areas of West Virginia; and

WHEREAS, the Department believes that the frequent and repetitive use of certain sections of highways in the State by Company, its contractors, agents, independent contractors or suppliers of drilling materials or drilling equipment, and employees contributes to increased wear and tear to public roads in the state road system in the State, including local roads ("State Owned Roads"); and,

WHEREAS, the Department and Company have entered into this Agreement to satisfy the requirements of the Department's policy entitled "Oil & Gas Road Policy" dated January 3, 2012, as issued by Paul A. Mattox, Jr., Secretary of Transportation / Commissioner of Highways, and any subsequent related policies, hereinafter called "Policy", a copy of which is made a part of this Bonding Agreement and is identified as Attachment 1.

NOW, THEREFORE, for and in consideration of the mutual agreements hereinafter set forth, the parties agree as follows:

I. For purposes of this Bonding Agreement, "Project Transportation Usage" of the Company shall be understood to mean use of one or more State Owned Roads for the delivery and removal of drilling materials and drilling equipment at the site or location of one or more of Company's horizontal gas well pad locations. To the extent reasonably practical, prior to commencing use of a State Owned Road for Project Transportation Usage after January 1, 2011, the Company shall submit to the Department a section or sections of current official WVDOH County Highway maps identifying the exact location of the proposed project and the State Owned Roads that the Company will utilize for the Project Transportation Usage.

II. Company and Department shall within 14 days of the Company's submittal, agree to a list of these sections of State Owned Roads, hereinafter called "Project Roads List", to be utilized for each of Company's projects, identified by route number and milepost; at a time to be mutually agreed to by the parties prior to initial commencement of Project Transportation Usage of a particular State Owned Road on a Project Roads List, the Company and Department will jointly review the condition of the roads and bridges on the Project Roads List. The Department will document the road type and surface condition and general right-of-way width of each section of road on the Project Road List. Either party may supplement this documentation with photographs, video or other evidence of the present condition of the road surface, shoulders, ditches, culverts, bridges or other structures or appurtenances of roads on the Project Road List, as well as approaches to the roads, utility facilities located within or along the right-of-way, or any other condition, including third-party activities, that may affect the duties and responsibilities of the parties under this Agreement. A copy of any such documentation must be made and provided to the other party within ten business days after the joint review of the roads on the Project Roads List.

III. Department shall issue a Project Agreement or Project Permit, as appropriate, to Company to use State Owned Roads and may include any minor or major improvements required of Company prior to, during or after Project with the assignment of responsibilities of both parties prior to, during and after the operator has completed well fracturing.

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IX. Company shall maintain Commercial General Liability Insurance in the amount of two million dollars, with a minimum coverage of one million dollars per occurrence, for personal injury or death to persons, or for property damage, resulting from Company's Project Transportation Usage and shall present evidence of such insurance to Department upon request.

X. Company's usage of State Owned Roads under the Project Agreement/Project Permit shall comply with all applicable Federal, State and local laws and regulations including, but not limited to, to the extent applicable, the National Environmental Policy Act, Section 404 of the Clean Water Act, Section 106 of the National Historic Preservation Act, Rare, Threatened and Endangered Species Act, Section 401 Water Quality Certification, and hazardous waste requirements. Further, upon reasonable written request of Department, Company shall furnish Department with acceptable documentation of such compliance which is in the possession of the Company.

XI. Company shall defend, indemnify and hold Department harmless from and against any and all losses, damage, and liability, and from all claims for damages on account of or by reason of bodily injury, including death, which may be sustained, or claimed to be sustained, by any person or persons, including employees of Department, and from and against any and all claims, losses or liabilities for damages to property, arising out of the negligent or willful acts or omissions of Company, its agents, independent contractors and suppliers of drilling materials or drilling equipment, employees and contractors, in the performance of all Project Transportation Usage activities undertaken pursuant to this Agreement (collectively, "claims"). The Company shall not be responsible to indemnify, defend or hold harmless Department for any claims caused by the negligent or willful acts or omissions of the Department or its agents, employees and contractors or third parties not performing work at the direction of Company or delivering drilling equipment or drilling materials, including water, for use by or for company.

XII. If a provision of this Agreement is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability of any other provision of this Agreement; or the validity or enforceability in other jurisdictions of that or any other provision of this Agreement.

XIII. Department shall give Company a minimum of thirty days written notice of default under the terms of this Bonding Agreement and the opportunity to cure this default during such thirty-day period. If a default is not cured to the satisfaction of Department, or provision acceptable to Department is not made for a cure, Department may then elect to terminate this Bonding Agreement in whole or in part, and may in addition exercise its rights under the Master Bond or seek any other lawful relief available. Company may terminate this Bonding Agreement upon thirty days written notice to Department for any reason. In the event Company terminates this Agreement for any reason, it shall be liable for the repair and maintenance costs set forth above for prior Project Transportation Usage.

XIV. Nothing herein shall be construed to mean that Company shall have any jurisdiction or control over any public roads in the state road system.

XV. Company, its contractors, agents, employees and suppliers shall at all times be subject to applicable provisions of state and federal law, including without limitation laws requiring operation of vehicles in accordance with legal size and weight restrictions and posted weight limits. Oversize/overweight permits for vehicle or loads not otherwise conforming with law must be obtained in accordance with law; Department agrees to work in good faith with Company to review and grant (where authorized by law) such permits in a timely manner upon request by Company.

XVI. This Bonding Agreement shall be construed and enforced in accordance with the laws of the State of West Virginia, as they may be amended.

XVII. This Bonding Agreement shall be binding upon the successors and assigns of each party hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Bonding Agreement to

08/01/2025



73-02587

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Office of Oil and Gas

JUL 22 2025

WV Department of
Environmental Protection

JAY-BEE OIL & GAS, INC.

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

RE: Frac Additives

Permitting Office:

As requested on the Well Permit Checklist, the CAS numbers are referenced for all submitted permits on WW6B, page 1, and listed below:

- Water (7732-18-5)
- Sand (14808-60-7, 1344-28-1, 1309-37-1, 13463-67-7)
- Friction Reducer (64742-47-8)
- Scale Inhibitor (107-21-1, 111-46-6)
- Bacteria Prevention (111-30-8, 7173-51-5, 68424-85-1, 64-17-5)
- 15% Vol Acid (7647-01-0)
- Citric Acid (77-92-9)
- Guar Gum (9000-30-0)
- Corrosion Inhibitor (67-56-1, 107-19-7)
- Surfactant (111-76-2)

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Office of Oil and Gas

JUL 30 2018

WV Department of
Environmental Protection

If you would have any questions concerning this matter, please feel free to contact our office at the numbers listed below.

Sincerely,

Shane Dowell
Office Manager

JUL 22 2025

WV Department of
Environmental Protection

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
- ☒ N/A 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

08/01/2025



Kennedy, James P <james.p.kennedy@wv.gov>

plugging permit issued 4707302587

1 message

Kennedy, James P <james.p.kennedy@wv.gov>

Fri, Aug 1, 2025 at 8:35 AM

To: Emily Potesta <epotesta@jaybeeoil.com>, Sherman B King <sherman.b.king@wv.gov>, vgorrell@assessor.state.wv.us

To whom it may concern, a plugging permit has been issued for 4707302587.

--

James Kennedy

Environmental Resource Specialist III / Permitting

WVDEP Office of Oil and Gas

601 57th Street, SE

Charleston, WV 25304

304-926-0499 ext. 45025

james.p.kennedy@wv.gov



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08/01/2025