

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 Jim Justice , Governor Austin Caperton , Cabinet Secretary www.dep.wv.gov

Thursday, March 09, 2017 WELL WORK PERMIT Horizontal 6A / New Drill

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

UNION, NJ 070830000

Re:

Permit approval for P2N2 47-073-02564-00-00

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: P2N2

Farm Name: MORGAN VALLEY FARMS U.S. WELL NUMBER: 47-073-02564-00-00

Horizontal 6A / New Drill

Date Issued: 3/9/2017

Promoting a healthy environment.

API Number: 73-02564

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified permit conditions may result in enforcement action.</u>

CONDITIONS

- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

API Number: 73-02564

PERMIT CONDITIONS

12. 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.

	4	7	0	7	3	0	2	5	6	4
API NO.				_						

OPERATOR WELL NO. P2N2
Well Pad Name: P2

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	2) Operator's Well Number: P2N2 Well Pad Name: P2							
3) Farm Name/Surf	3) Farm Name/Surface Owner: Morgan Valley Farms Public Road Access: Beech Run Rd / CR 36							
4) Elevation, curren	it ground:	722.5' E	levation, proposed j	post-construction	on: 712.2'			
5) Well Type (a)	Gas X	Oil	Unde	rground Storag	е			
Oth	ner	,						
(b)	If Gas Shal	llow X	Deep		11			
	Hori	izontal X		185	8/6 DA	<i>H</i>		
6) Existing Pad: Ye	s or No No			J 171	12-8	-16		
7) Proposed Target	, ,			nd Expected Pr	essure(s):			
Marcellus, Targe	•	/	JU# pressure					
8) Proposed Total V	ertical Depth							
9) Formation at Tot	al Vertical D		,					
10) Proposed Total	Measured De	•	/					
11) Proposed Horiz	ontal Leg Lei	ngth: 8,817' ✓						
12) Approximate F	resh Water St	rata Depths:	110'					
13) Method to Dete	rmine Fresh	Water Depths:	Middle Island Cree	k				
14) Approximate S	altwater Dept	hs: 955'	3 - 1					
15) Approximate C	oal Seam Dep	pths: N/A						
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	e Mine Info:	Name:						
5 55		Depth:						
		Seam:			BEGEN	ÆÐ		
		Owner:	· ·	Offi	ce of Oil	and Gas		

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WW-6B	
(04/15)	

API NO. 47	073	02564	
			۰

OPERATOR WELL NO. P2N2
Well Pad Name: P2

18)

CASING AND TUBING PROGRAM

TYPE	Size (in)	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	INTERVALS: Left in Well (ft)	CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	16	New	J55	40	30'	30'	8.22 CTS
Fresh Water	11 3/4	New	J55	32	300'	300'	142.25 CTS
Coal							
Intermediate	8 5/8	New	J55	24	2,000'	2,000'	508.43 CTS
Production	5 1/2	New	P110	17	16,497'	16,497'	2,685 CF1000' from surface
Tubing	N/A						
Liners	N/A						

DMH 128-16 JP5/12/6/16

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	Cement Yield (cu. ft./k)
Conductor	16	17 1/2	.495	3,000#	50	Class A	1.19
Fresh Water	11 3/4	15	.333	1,500#	1,000	Class A	1.26
Coal							
Intermediate	8 5/8	11	.264	2,950#	1,500	Class A	1.45
Production	5 1/2	7 7/8	.304	15,000#	2,500	Type 1 Cement	1.34
Tubing	N/A						
Liners	N/A						

PACKERS

Kind:	N/A		
Sizes:	N/A		
Depths Set:	N/A		

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Office of Oil and Gas

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WV Departmental Prod/dt0/2017

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

Drill and Stimulate a new Horizontal Well. Using a top hole rig, we will drill top hole to kick off point by drilling the conductor, freshwater and intermediate holes. Using a directional rig we will drill the production holes.

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

300-350' per stage 8,500bbls of water, 150,000-400,000lbs of sand, friction reducer, 1# per gallon, scale inhibitor and bacteria prevention 1/4# per gallon 2000 gallons 15% vol acid. 77bpm @ 6500# pressure.

MH 2-8-16 18/2/8/16

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 11.84
- 22) Area to be disturbed for well pad only, less access road (acres): 7.65

23) Describe centralizer placement for each casing string:

Vertical - Every 500' Bow Centralizer, and 50' from top of ground. Horizontal every 42' Spiral Centralizer, Curve - Every 84' Spiral Centralizer.

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

15" hole for the 11 3/4 fresh water case, Class A Cement, 2% Calcium Chloride, 1/4# flake.
11" hole for the 8 5/8 intermediate base, Class A Cement, 2% Calcium Chloride
7 7/8" hole for the 5 1/2 production case, Type1 Cement, Fly Ash, Barite, Finetol 300L, R-3 Celio Flake, Sugar, CD-32, FL-62

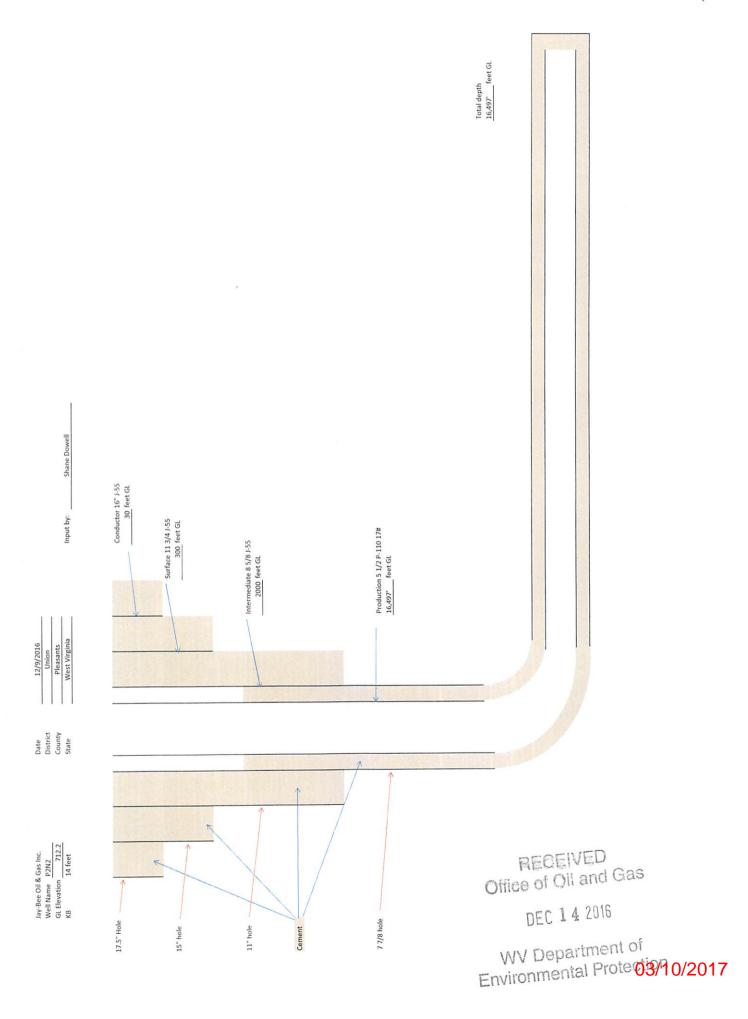
25) Proposed borehole conditioning procedures:

Air Hole: 15" hole for the 11 3/4 fresh water case - Circulate until clean with air. If soaping, slug then dry.

Air Hole: 11" hole for the 8 5/8 intermediate base - Circulate until clean with air. If soaping, slug then dry.

ary.
7 7/8" hole for the 5 1/2 production case - Circulate with mud and sweeps for two times bottoms up.
If needed weight up mud until no cuttings retrieved, then circulate with mud and sweeps for two times bottoms up.

*Note: Attach additional sheets as needed.



API Number 47 - 73 - 02564
Operator's Well No. P2N2

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		
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 N Reuse (at API Number Off Site Disposal (Supply form WW- Other (Explain Using Contract Haulers	9 for disposal location)	
Will closed loop system be used? If so, describe: Yes, Centrifuge Drilling medium anticipated for this well (vertical and horizontal)	e Drying Shaker System for Top Hole & Horizontal section	
	(///)	+
-If oil based, what type? Synthetic, petroleum, etc. ABS		16
Additives to be used in drilling medium? Barite, ABS MUL/VIS, Ben		
Drill cuttings disposal method? Leave in pit, landfill, removed or	ffsite, etc. Landfill	
-If left in pit and plan to solidify what medium will be us		
-Landfill or offsite name/permit number?Meadowfill/Per	mit 101219WV	
Permittee shall provide written notice to the Office of Oil and Ga West Virginia solid waste facility. The notice shall be provided where it was properly disposed.	s of any load of drill cuttings or associated waste rejected at any within 24 hours of rejection and the permittee shall also disclose	
on August 1, 2005, by the Office of Oil and Gas of the West Virg provisions of the permit are enforceable by law. Violations of a law or regulation can lead to enforcement action. I certify under penalty of law that I have personally a application form and all attachments thereto and that, based	Inditions of the GENERAL WATER POLLUTION PERMIT issued ginia Department of Environmental Protection. I understand that the any term or condition of the general permit and/or other applicable examined and am familiar with the information submitted on this on my inquiry of those individuals immediately responsible for ite, accurate, and complete. I am aware that there are significant try of fine or imprisonment.	
Company Official Signature		
Company Official (Typed Name) Share I	Powel/	
Company Official Title Office Man	agev	
	December, 20 10 Notable State of State	
My commission expires Oct 9th 2019	Notary Public, State Of West Teresa R. Hall 1724 Valley Mill Rd.	Virgi

		Operato	or's Well No. P2N2
Jay-Bee Oil & Gas, Ind	C.		
Proposed Revegetation Treatme	ent: Acres Disturbed 11.84	Prevegetation	on pH 6.8
Lime 2-3	Tons/acre or to correct to pH	6.8	
Fertilizer type 10-20	-20		
Fertilizer amount_500	lbs/	acre	
Mulch_ Hay 2	Tons/act	re	
	Soud I	<u>Mixtures</u>	
Тетр	oorary		ermanent
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	KY Bluegrass	20
Field Bloomgrass	40	Creeping Red Fes	scue 30
Sudangrass	40	Perennial Ryegras	ss 10
Plan Approved by:	300	1/	
Comments:			
,			
		1.1	
Title: 014 hds 1 m	Y Yes (Date: /2/8//6	RECEIVED Office of Oil and Gas
Field Reviewed?	^ Yes (_) No	DEC 1 4 2016
			WV Department of Environmental Protest

P2N2

JAY-BEE OIL & GAS, INC RESEIVED Office of Oil and Gas

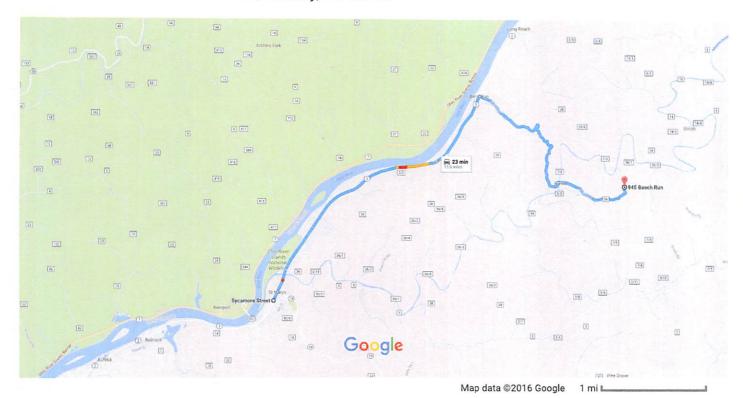
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WV Department o Environmental Protec



Sycamore Street, Saint Marys, WV 26170 to 945 Beech Run, Friendly, WV 26146

Drive 13.6 miles, 23 min



Sycamore Street

Saint Marys, WV 26170

1	1.	Head north on 3rd St toward Cherry St	0,2 mi
1	2.	Continue onto WV-2 N/2nd St Continue to follow WV-2 N	0.2111
			7.4 mi
L *	3.	Turn right onto Arvilla Rd	4.0 mi
L>	4.	Turn right to stay on Arvilla Rd	4.0 mi
4	5.	Turn left onto Beech Run	1.1111
-1			1.0 mi

945 Beech Run

Friendly, WV 26146

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.

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
P7220 ′	Morgan Valley Farms	BB Land, LLC	12.5%	307-490
P7251 /	Arnold Schulberg Oil & Gas Trust	BB Land, LLC	12.5%	311-052
P7250	James & Lenora Renner	BB Land, LLC	12.5%	308-128
P7252	Frank & Connie Knight	BB Land, LLC	12.5%	Pending
P7143	Jay Renner	BB Land, LLC	12.5%	297-539
P7143A	Lee Hunter	BB Land, LLC	12.5%	311-435

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 & Gas, Inc.

By:

Shane Dowell

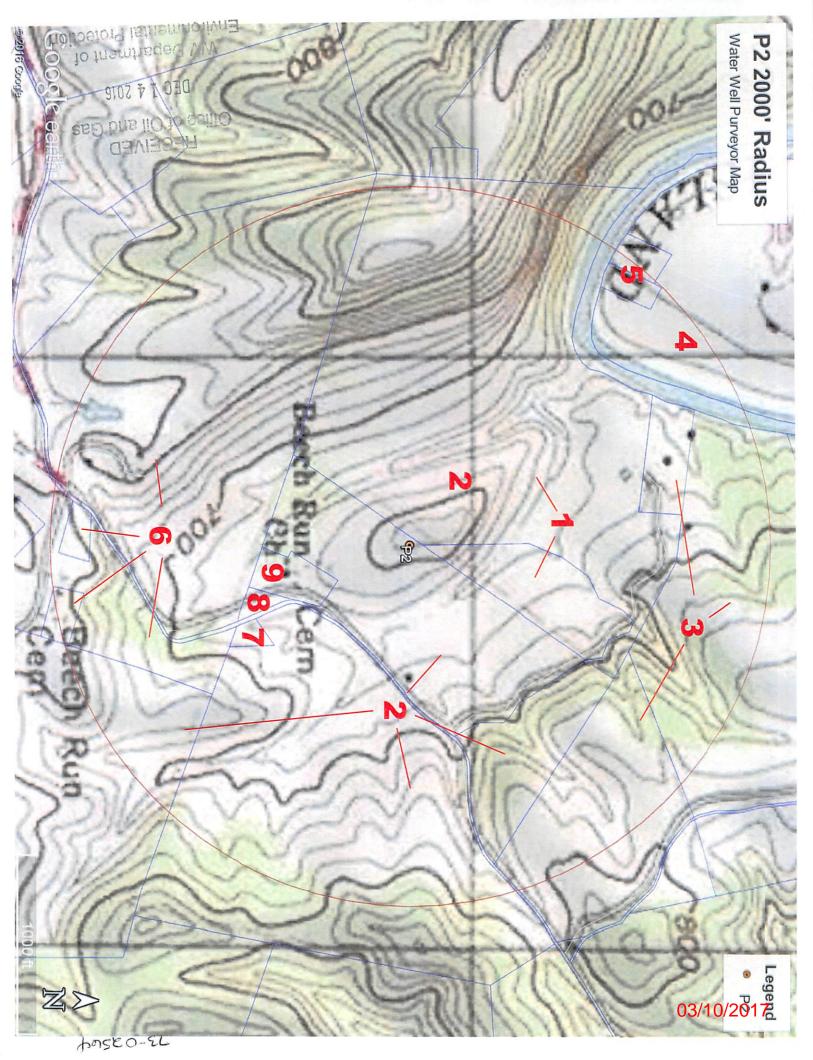
Its:

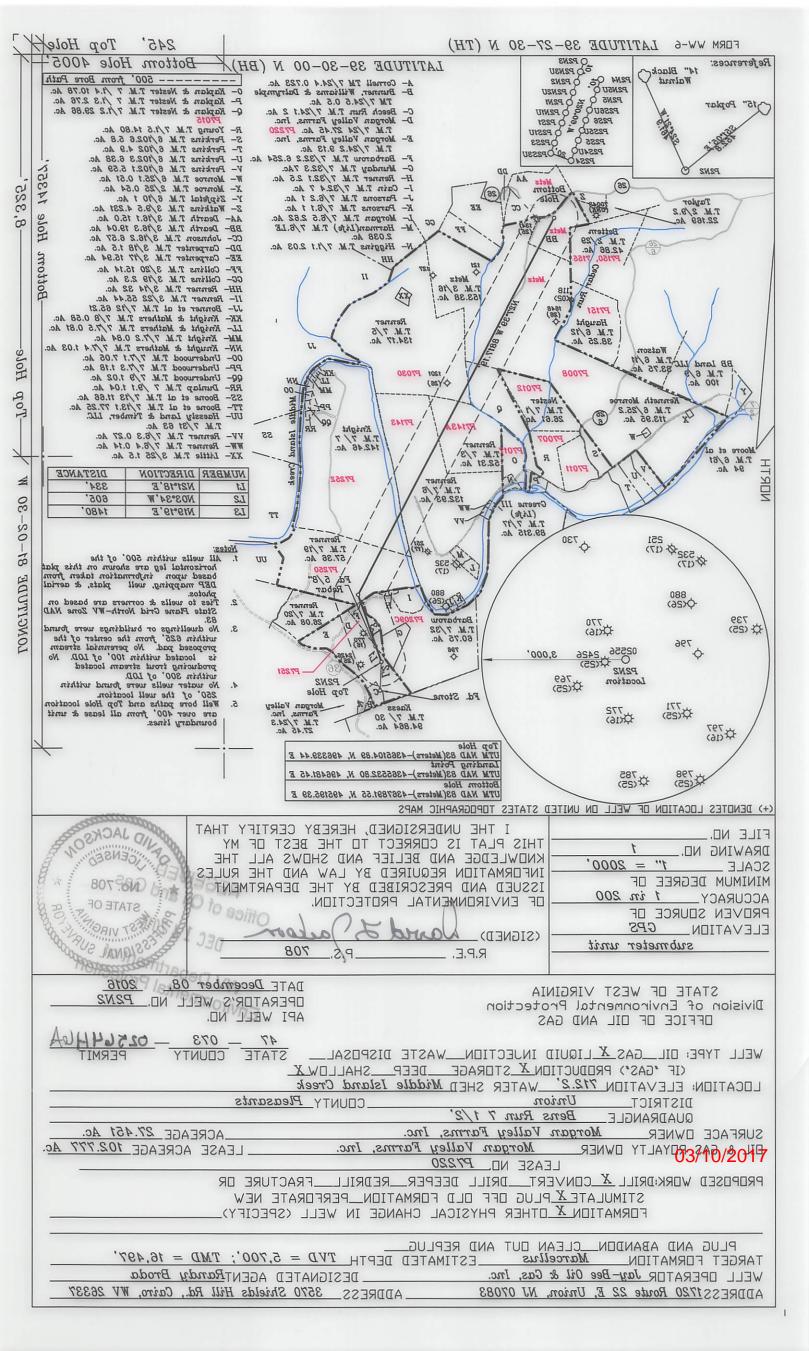
Office Manager

Page 1 of Ciliand Gas

NV Departal Protection

Environmental Protection





Operator's Well No. P2N2

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)

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- (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
P7030 J	Jay Renner	BB Land, LLC	12.5%	296-634
P7015	Mark Kaplan	BB Land, LLC	12.5%	297-539
Metz	William & Debra Metz	BB Land, LLC	12.5%	311-539
Affidavit	BB Land, LLC	Jay-Bee Oil & Gas, Inc		

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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 & Gas, Inc

By: Shane Dowell REGEIVED

Its: Office Manager Office of Oil and Gas

DEC 1 4 2016 Page X of 2

WV Department of Environmental Propagition 2017

73-02564

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 P2N2, P2N2U, P2S4, P2S4U, P2S6 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.

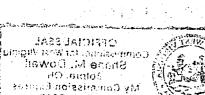
DEC 1 4 2016

Further, affiants sayeth naught.
Randy Broda, President of Jay-Bee Oil & Gas, Inc.
Taken, subscribed and sworn to before me, the undersigned Notary Public, this $\underline{9}^{+1}$ day
of December, 7016 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf
of the corporation. OFFICIAL SEAL Commissioner for West Virginia
My commission expires: My commission expires: My Commission Expires April 18, 2022 Commission No. Commission No.
NOTARY PUBLIC
Randy Broda, Managing Member of BB Land, LLC
Taken, subscribed and sworn to before me, the undersigned Notary Public, this 2 th day
of <u>December</u> , <u>2016</u> by Randy Broda, Managing Member of BB Land, LLC, on
behalf of the company. OFFICIAL SEAL Commissioner for West Virginia
My commission expires: April 18, 7022 Commissioner for West Virginia Shane M. Dowell Belpre, OH My Commission Expires April 18, 2022
NOTARY PURILIC
NOTARY PÚBLIC

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DEC 1 4 2016

CONTROL STATE OF CONTROL OF CONTR



April 18, 2022





JAY-BEE OIL & GAS, INC.

December 9, 2016

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

RE: P2N2 Well

Permitting Office:

As you know we have applied for a well permit for the P2N2 Well in Pleasants County, West Virginia. This pad is located on what we call the P2 tract. The leg runs beneath county rd 7/2 (Cedar Run Rd).

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

and the

REGEIVED
Office of Oil and Gas

DEC 1 4 2016

Data of Nation Coulification, 12/09/2016

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

Date of Hour	ce Certification: 12/03/2010		API No. 4/- 0 6 - 0 700 9			
			itor's Well No. P2N2	! 		
		Well	Pad Name: P2			
Notice has b						
Pursuant to th	e provisions in West Virginia Code §	22-6A, the Operator has provided t	he required parties v	with the Notice Forms listed		
	tract of land as follows:					
State:	West Virginia	UTM NAD 83 Eastin				
County:	Pleasants	North	ing: 4,365,104.89			
District:	Union	Public Road Access:	Beech Run Rd / C	CR 36		
Quadrangle:	Bens Run 7.5'	Generally used farm na	me: Morgan Valley Fa	Morgan Valley Farms		
Watershed:	Middle Island Creek					
prescribed by it has provide information re of giving the requirements Virginia Code	West Virginia Code § 22-6A-7(b), the secretary, shall be verified and sled the owners of the surface describe equired by subsections (b) and (c), se surface owner notice of entry to su of subsection (b), section sixteen of e § 22-6A-11(b), the applicant shall thave been completed by the applicant	nall contain the following information and in subdivisions (1), (2) and (4) ction sixteen of this article; (ii) that revey pursuant to subsection (a), seef this article were waived in writing ender proof of and certify to the secretary	on: (14) A certification, subsection (b), see the requirement was action ten of this arting by the surface over the surface o	on from the operator that (i) ction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice vner; and Pursuant to West		
that the Ope	West Virginia Code § 22-6A, the Oprator has properly served the require		tice Certification	OOG OFFICE USE		
TLEASE CHE	CRALL THAT AFFLT			ONLY		
☐ 1. NOT	FICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED B SEISMIC ACTIVITY WAS CON		☐ RECEIVED/ NOT REQUIRED		
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	YEY or D NO PLAT SURVEY WA	AS CONDUCTED	☐ RECEIVED		
☐ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED B NOTICE OF ENTRY FOR PLAT WAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED		
		☐ WRITTEN WAIVER BY SU (PLEASE ATTACH)	RFACE OWNER			
■ 4. NO	TICE OF PLANNED OPERATION			☐ RECEIVED		
■ 5. PUE	BLIC NOTICE			☐ RECEIVED		
■ 6. NO	TICE OF APPLICATION			☐ RECEIVED		
				<u> </u>		

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of the return receipt card or other postal receipt for certified mailing.

DEC 1 4 2016

nasul

10 N 17 072

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.
 Address:
 3570 Shields Hill Rd.

 By:
 Shane Dowell
 Cairo, WV 26337

 Its:
 Office Manager
 Facsimile:
 304-628-3119

 Telephone:
 304-628-3111
 Email:
 sdowell@jaybeeoil.com

NOTAR VIETAL Seal
Notary Public, State Of West Virginia
Teresa R. Hall
1724 Valley Mill Rd.
Waverly, WV 26184
My Commission Expires Oct. 09, 2019

Subscribed and sworn before me this 9^{44} day of <u>Jevember 2016</u>

Notary Public

My Commission Expires_

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 deprivacyofficer@wv.gov.

REGEIVED
Office of Oil and Gas

DEC 1 4 2016

WV Department of Environmental Protection 03/10/2017

Vest Virginia
Ve

WW-6A (9-13) API NO. 47- 73 - 02564

OPERATOR WELL NO. P2N2

Well Pad Name: P2 Pad

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 12-9-2016 Date Permit Application Filed: 12-9-2016 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL ☑ REGISTERED ✓ METHOD OF DELIVERY THAT REQUIRES A **SERVICE** MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE ☑ SURFACE OWNER(s) Name: Name: Morgan Valley Farms Address: 1100 Beech Run Rd. Address: Friendly ,WV 26146 □ COAL OPERATOR Name: Name: Address: Address: ☐ SURFACE OWNER(s) (Road and/or Other Disturbance) SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) RECEIVED
Name: Morgan Valley Farms Address: Address: 1100 Beech Run Rd. Office of Oil and Gas Name: Friendly ,WV 26146 Address: OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: Name: ☐ SURFACE OWNER(s) (Impoundments or Pits) WV Department of Address: _____ Name: ___ *Please attach additional forms if negessaritial Frotection Address:

WW-6A (9-13)

API NO. 47	3.0256	4
OPERATOR WE	ELL NO. P2N2	
Well Pad Name:	P2 Pad	

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

Notice Time Requirement.	notice snan be provided	d no later tha	in the filing date of permit application.
Date of Notice: 12-9-2016 D	Pate Permit Applicatio	n Filed: <u>12-9</u>	2016
Notice of:			
PERMIT FOR ANY WELL WORK			PROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant	to West Virginia Code	e § 22-6A- 10	(b)
□ PERSONAL ☑	REGISTERED	П метн	OD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION
the surface of the tract on whi oil and gas leasehold being de described in the erosion and soperator or lessee, in the even more coal seams; (4) The own well work, if the surface tract impoundment or pit as describ have a water well, spring or w provide water for consumption proposed well work activity is subsection (b) of this section frecords of the sheriff required provision of this article to the Code R. § 35-8-5.7.a required water purveyor or surface own	ch the well is or is propo- eveloped by the proposed ediment control plan sub- t the tract of land on whit- ners of record of the surfa- is to be used for the plac- bed in section nine of this vater supply source locate in by humans or domestic is to take place. (c)(1) If m shold interests in the lands to be maintained pursual contrary, notice to a lien is, in part, that the operator ner subject to notice and	sed to be local well work, if a mitted pursual chithe well produce tract or tracement, constructions article; (5) A ed within one can mals; and more than three s, the applicant to section of a holder is not or shall also p water testing	the well plat to each of the following persons: (1) The owners of record of ated; (2) The owners of record of the surface tract or tracts overlying the of the surface tract is to be used for roads or other land disturbance as ant to subsection (c), section seven of this article; (3) The coal owner, roposed to be drilled is located [sic] is known to be underlain by one or acts overlying the oil and gas leasehold being developed by the proposed function, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to be the operator of any natural gas storage field within which the retenants in common or other co-owners of interests described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. rovide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
☐ Application Notice ☐ \	WSSP Notice ☐E&S	Plan Notice	□ Well Plat Notice is hereby provided to:
SURFACE OWNER(s)			COAL OWNER OR LESSEE
Name: Lori Barbarow			Name:
Address: PO Box 456			Address:
St. Marys ,WV 26170			□ COAL OPERATOR
Name:			Name:
Address:			Address:
□ SURFACE OWNER(s) (I	Pand and/ar Other Distr	irhanca)	Addiess.
		noance)	SURFACE OWNER OF WATER WELL
Name:			AND/OR WATER PURVEYOR(s)
Address:			Name: Lori Barbarow
			Address: PO Box 456
Name:			St.Marys ,WV 26170
Address:			OPERATOR OF ANY NATURAL GAS STORAGE FIELD
□ SURFACE OWNER(s) (I	mnoundments or Pits)		OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: GAS
Name:			Name: RECEIVED Address: Office of Oil and Gas
Address:			_
			*Please attach additional forms if necessary 2016

WV Department of Environmental Protection

API NO. 47- 73 - 0 254 4

OPERATOR WELL NO. P2N2

Well Pad Name: P2 Pad

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

Noti	ce Time Requiremen	at: notice shall be provided n	o later than	n the filing date of permit applicat	ion.
	e of Notice: 12-9-2016 ce of:	Date Permit Application I	iled: <u>12-9-</u>	2016	
V	PERMIT FOR ANY WELL WORK			ROVAL FOR THE AN IMPOUNDMENT OR PIT	
Deli	very method pursua	nt to West Virginia Code §	22-6A-10	(b)	
	PERSONAL [SERVICE	☑ REGISTERED ☑ MAIL		OD OF DELIVERY THAT REQUI	
certification regists sediments sediments the sediments of the sediments o	ricate of approval for the tered mail or by any ment control plan requiurface of the tract on wand gas leasehold being ribed in the erosion and ator or lessee, in the event coal seams; (4) The owner, if the surface transment or pit as described water well, spring or ide water for consumptions when the section (b) of this section (b) of this section of the sheriff requirities of the sheriff requir	the construction of an impound ethod of delivery that requires are by section seven of this are which the well is or is proposed developed by the proposed well sediment control plan submittent the tract of land on which where of record of the surface ct is to be used for the placement water supply source located we water supply source located we is to take place. (c)(1) If more in hold interests in the lands, the det to be maintained pursuant the contrary, notice to a lien hores, in part, that the operator swhere subject to notice and wall WSSP Notice	ment or pit a receipt o ticle, and the to be locall work, if ted pursuant the well protract or tra- ent, constructicle; (5) A twithin one to imals; and the than three the applicant to section e lder is not hall also proter testing a	of the application, the applicant for a star as required by this article shall deliver regional to each of the following peted; (2) The owners of record of the sufface tract is to be used for road into subsection (c), section seven of toposed to be drilled is located [sic] is cts overlying the oil and gas leasehold uction, enlargement, alteration, repair, any surface owner or water purveyor withousand five hundred feet of the cent (6) The operator of any natural gas state that may serve the documents required usight, article one, chapter eleven-a of the notice to a landowner, unless the lien rovide the Well Site Safety Plan ("WS as provided in section 15 of this rule.	er, by personal service or by a application, the erosion and ersons: (1) The owners of record of urface tract or tracts overlying the is or other land disturbance as this article; (3) The coal owner, known to be underlain by one or is being developed by the proposed premoval or abandonment of any who is known to the applicant to the eros of interests described in pon the person described in the chis code. (2) Notwithstanding any holder is the landowner. W. Va. (SP") to the surface owner and any
Nam				COAL OWNER OR LESSEE Name:	
Add	ress:			Address:	
Nam				□ COAL OPERATOR	
Add	ress:			Name:Address:	
	JRFACE OWNER(s)	(Road and/or Other Disturba	ınce)	radicos.	
Nam	ne:			☑ SURFACE OWNER OF WATE	
Add				AND/OR WATER PURVEYOR(s Name: Jay Renner	;)
Nam				Address: 2578 Cedar Run Rd.	
Add	ress:			Friendly ,WV 26146 □ OPERATOR OF ANY NATUR	AL CAS STORAGE FIELD
וא ח	IREACE OWNER(s)	(Impoundments or Pits)		Name:	
		(mpoundmond of 1 ma)		Address:	
Add	ress:			*Please attach additional forms if i	necessary of Oil and Gas
					DEC 1 4 2016
					DEC 1.4 2016 WY Department of Environmental Progestion

API NO. 47- 7 3	.02544
OPERATOR WELL	NO. P2N2
Well Pad Name: P2	Pad

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

	e of Notice: 12-9-2016 Date Permit Application File	d: <u>12-9-2016</u>
7		OF APPROVAL FOR THE N OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant to West Virginia Code § 22	-6A-10(b)
		METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
regis sedii the s sedii the s oil a desc oper more well impo have prov prop subs reco prov Code	stered mail or by any method of delivery that requires a rement control plan required by section seven of this article surface of the tract on which the well is or is proposed to and gas leasehold being developed by the proposed well wribed in the erosion and sediment control plan submitted ator or lessee, in the event the tract of land on which the e coal seams; (4) The owners of record of the surface tract work, if the surface tract is to be used for the placement bundment or pit as described in section nine of this article a water well, spring or water supply source located with ride water for consumption by humans or domestic animposed well work activity is to take place. (c)(1) If more the ection (b) of this section hold interests in the lands, the artisle of the sheriff required to be maintained pursuant to strision of this article to the contrary, notice to a lien holder	nt or pit as required by this article shall deliver, by personal service or by eccipt or signature confirmation, copies of the application, the erosion and e, and the well plat to each of the following persons: (1) The owners of record of be located; (2) The owners of record of the surface tract or tracts overlying the work, if the surface tract is to be used for roads or other land disturbance as a pursuant to subsection (c), section seven of this article; (3) The coal owner, well proposed to be drilled is located [sic] is known to be underlain by one or extracts overlying the oil and gas leasehold being developed by the proposed, construction, enlargement, alteration, repair, removal or abandonment of any se; (5) Any surface owner or water purveyor who is known to the applicant to also in one thousand five hundred feet of the center of the well pad which is used to als; and (6) The operator of any natural gas storage field within which the man three tenants in common or other co-owners of interests described in applicant may serve the documents required upon the person described in the ection eight, article one, chapter eleven-a of this code. (2) Notwithstanding any r is not notice to a landowner, unless the lien holder is the landowner. W. Va. I also provide the Well Site Safety Plan ("WSSP") to the surface owner and any testing as provided in section 15 of this rule.
Ø A	Application Notice WSSP Notice E&S Plan	Notice □ Well Plat Notice is hereby provided to:
	URFACE OWNER(s)	COAL OWNER OR LESSEE
Nan Add	ne:	Name:Address:
Nan	ne:	□ COAL OPERATOR
Add	ress:	Name:Address:
CI	URFACE OWNER(s) (Road and/or Other Disturbanc	
	ne:	SURFACE OWNER OF WATER WELL
Add	ress:	AND/OR WATER PURVEYOR(s)
		Name: James A. & Lenora Renner
Nan	ne:	Address: 235 Red Bam Rd.
Add	ress:	Friendly ,WV 26146
		OPERATOR OF ANY NATURAL GAS STORAGE FIELD
o Si	URFACE OWNER(s) (Impoundments or Pits)	Name: REGEIVEB
Nan	ne:	Address: Office of Oil and Gas
Add	lress:	
		*Please attach additional forms if necessary DEC 14 2016

WW-6A (9-13) API NO. 47- 73 - 02564

OPERATOR WELL NO. P2N2

Well Pad Name: P2 Pad

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

Notice	Time Requireme	nt: notice shall be provid	led no later tha	n the filing date of permit	application.	
Date of	-	Date Permit Applicati	ion Filed: 12-9-	2016		
	ERMIT FOR ANY VELL WORK			ROVAL FOR THE AN IMPOUNDMENT OR	PIT	
Deliver	ry method pursua	ant to West Virginia Co	de § 22-6A-10	(b)		
	ERSONAL SERVICE	REGISTERED MAIL		OD OF DELIVERY THAT	•	
certificar register sedimer the surficial and describe operato omore consumer well well well are provided proposed subsect records provisic Code R water p	ate of approval for the definition of the tract on the control plan required face of the tract on the gas leasehold being the did not be even and the cost of the surface the cork, if the surface the cork of the surface the cork, if the surface to the cork, if the surface the cork, if the	the construction of an imponent of delivery that required by section seven of the which the well is or is proper developed by the proposed sediment control plan survent the tract of land on who were so frecord of the survent to be used for the plantation in the plantation of the plantation by humans or domestry is to take place. (c)(1) If on hold interests in the lantation of the maintained pursuation of the plantation of the planta	oundment or pituires a receipt of a receipt	of the application, the application of the application, the application as required by this article star signature confirmation, come well plat to each of the footed; (2) The owners of record the surface tract is to be usent to subsection (c), section oposed to be drilled is located cts overlying the oil and gastuction, enlargement, alteration, surface owner or water pathousand five hundred feet of (6) The operator of any nature tenants in common or other than a serve the documents resignt, article one, chapter elemotice to a landowner, unless rovide the Well Site Safety Fas provided in section 15 of	hall deliver, by personal pies of the application. Illowing persons: (1) The dof the surface tract of the for roads or other lar seven of this article; (2) and [sic] is known to be a leasehold being develon, repair, removal or a purveyor who is known of the center of the wellow are co-owners of interest required upon the personal piece, and this code. (2) as the lien holder is the sthis rule.	al service or by , the crosion and the owners of record of or tracts overlying the and disturbance as 3) The coal owner, e underlain by one or loped by the proposed abandonment of any a to the applicant to all pad which is used to within which the ts described in on described in the Notwithstanding any e landowner. W. Va.
☐ SUR Name:	FACE OWNER(s			□ Well Plat Notice is h □ COAL OWNER OR LE Name: Address:	ESSEE	_
Name:			-	□ COAL OPERATOR Name:		
Name:	ss:) (Road and/or Other Dis	-	Address: SURFACE OWNER O AND/OR WATER PURN Name: Francis Kaess	F WATER WELL VEYOR(s)	
Name:			•	Address: 561 Chaffeeville Rd. Storris Mansfield ,CT 06268 OPERATOR OF ANY	NATURAL GAS ST	ORAGE FIELD
Name:	·) (Impoundments or Pits)		Name:Address:*Please attach additional	Office forms if necessary f	Oil and Gas 4 2016
					Wy Depai Environmental	* 2016 ^{tmen} 08/10/201 I P _{rotection}

WW-6A (9-13)

API NO. 47- 73 - 02564 OPERATOR WELL NO. P2N2 Well Pad Name: P2 Pad

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 12-9-2016 Date Permit Application Filed: 12-9-2016 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL ✓ REGISTERED ✓ METHOD OF DELIVERY THAT REQUIRES A **SERVICE** MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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. ☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice □ Well Plat Notice is hereby provided to: COAL OWNER OR LESSEE ☐ SURFACE OWNER(s) Name: Name: Address: Address: □ COAL OPERATOR Name: Name: Address: Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) ☑ SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) Address: Name: Charlene Butler Address: 804 Fourth St. Name: St.Marys ,WV 26170 Address: □ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: □ SURFACE OWNER(s) (Impoundments or Pits) Office of Oil and Gas Address: Name: Address: *Please attach additional forms if pecessary

> WV Department of Environmental Protection

API NO. 47- <u>73</u> -	02564
OPERATOR WELL	
Well Pad Name: P2 Pa	ad

WV Department of Environmental Protection

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.

Date of Notice: 12-9-2016 Date Permit Application Filed: 12-9-2016 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL ✓ REGISTERED ☑ METHOD OF DELIVERY THAT REQUIRES A **SERVICE** MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE ☐ SURFACE OWNER(s) Name: Name: Address: Address: □ COAL OPERATOR Name: Name: _____ Address: Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) Address: Name: Beech Run Church Address: 990 Beech Run Rd. Name: Friendly, WV 26146 Address: □ OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: □ SURFACE OWNER(s) (Impoundments or Pits) Address: Name: *Please attach additional forms if necessary and Gas Address:

WW-6A (9-13)

API NO. 47	73.	0251	e4
OPERATOR .			
Well Pad Nar	ne: P2 F	Pad	

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

Noti	ce Time Requirement: notice shall	be provided no later than the filing date of permit application.
	e of Notice: 12-9-2016 Date Permit ce of:	Application Filed: 12-9-2016
7		CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant to West Vi	ginia Code § 22-6A-10(b)
	PERSONAL	RED METHOD OF DELIVERY THAT REQUIRES A
	SERVICE MAIL	RECEIPT OR SIGNATURE CONFIRMATION
certii regis sedir the s soil and description open more well importante provides provides record provides code code code code code code code code	ficate of approval for the construction tered mail or by any method of delivement control plan required by section aurface of the tract on which the well is and gas leasehold being developed by tribed in the erosion and sediment contator or lessee, in the event the tract of e coal seams; (4) The owners of record work, if the surface tract is to be used bundment or pit as described in section a water well, spring or water supply side water for consumption by humans osed well work activity is to take place ection (b) of this section hold interested of the sheriff required to be maintained in the section of this article to the contrary, not a R. § 35-8-5.7.a requires, in part, that	of an impoundment or pit as required by this article shall deliver, by personal service or by y that requires a receipt or signature confirmation, copies of the application, the erosion and even of this article, and the well plat to each of the following persons: (1) The owners of record of or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the ne proposed well work, if the surface tract is to be used for roads or other land disturbance as rol plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, land on which the well proposed to be drilled is located [sic] is known to be underlain by one or of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed for the placement, construction, enlargement, alteration, repair, removal or abandonment of any name of this article; (5) Any surface owner or water purveyor who is known to the applicant to ource located within one thousand five hundred feet of the center of the well pad which is used to or domestic animals; and (6) The operator of any natural gas storage field within which the e. (c)(1) If more than three tenants in common or other co-owners of interests described in in the lands, the applicant may serve the documents required upon the person described in the ined pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any ice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any notice and water testing as provided in section 15 of this rule.
Ø A	application Notice	e ☑ E&S Plan Notice □ Well Plat Notice is hereby provided to:
	JRFACE OWNER(s)	COAL OWNER OR LESSEE Name:
Add	ne:	
Nan	1e•	COAL OPERATOR
	ress:	
	URFACE OWNER(s) (Road and/or	Address:Other Disturbance)
	ne:	- CURRACE OURIER OF WATER WELL
	lress:	
		Name: Sandra Comell
Nan	ne:	Address: PO Box 616
	lress:	
	UDEACE OWNER(a) (Immanualment	
	URFACE OWNER(s) (Impoundment	Address: DESELVE
	ne:	Oilice of Ga
Aut		*Please attach additional forms if necessary and Gas
		DEC 1.4.2012

WV Department of Environmental Protection

WW-6A (9-13)

API NO. 47- 73 - 02564 OPERATOR WELL NO. P2N2 Well Pad Name: P2 Pad

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

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 12-9-2016 Date Permit Application Filed: 12-9-2016 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) ☐ PERSONAL ☑ REGISTERED ✓ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION **SERVICE** MAIL Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") 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. ☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice □ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE ☑ SURFACE OWNER(s) Name: Name: William Munday, Address: Address: 120 Clay St Morgantown, WV 26501 □ COAL OPERATOR Name: Name: _____ Address: Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) ☑ SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) Address: Name: William Munday, Address: 120 Clay St Name: Morgantown, WV 26501 Address: OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: _____ □ SURFACE OWNER(s) (Impoundments or Pits) Address: Name: Address: *Please attach additional forms if necessary

P2 Topo Water Well Reference

Reference	Мар	Parcel	First	Surname	Address	City	State	Zip	
1	7	32, 32.2,	Lori Jean	Barbarow	PO Box 456	St. Marys	WV	26170	
2	7	24, 24.2, 24.3	Morgan Valley Farms	1	1100 Beech Run Rd	Friendly	WV	26146	
3	7	20, 19, 32.1	James Allen & Lenora	Renner	235 Red Barn Rd	Friendly	WV	26146	
4	7	6	Jay	Renner	2578 Cedar Run Rd	Friendly	WV	26146	
5	7	6.1, 6.2	Charlene Butler c/o Dia	ne Shingler	802 4th St.	St. Marys	WV	26170	
6	7	30	Francis	Kaess	561 Chaffeeville Rd	Storris Mansfield	СТ	6268	
7	7	24.4	Sandra E.	Cornell	PO Box 616	St. Marys	WV	26170	
8	7	24.5	William	Bunner et al	120 Clay St	Morgantown	WV	26501	* -> Noveipt
9	7	24.1	Beech Run Church		990 Beech Run Rd	Friendly	WV	26146	Consticis

^{*} deceased with no heirs or contacts. All previous mail returned with no forwarding address.

WW-6A (9-13)

API NO. 47- 73 - 0250 OPERATOR WELL NO. P2N2 Well Pad Name: P2 Pad

03/10/2017

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS **NOTICE OF APPLICATION**

Not	ice Time Requirement: notice shall be provided no le	ater than the filing date of permit application.
	e of Notice: <u>12-9-2016</u> Date Permit Application File ice of:	ed: <u>12-9-2016</u>
7		OF APPROVAL FOR THE ON OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant to West Virginia Code § 22	-6A-10(b)
		METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
regis sedin the social adescription oper more well imperation properties of the second provides of the second water the sedin second water second wa	stered mail or by any method of delivery that requires a rement control plan required by section seven of this article surface of the tract on which the well is or is proposed to and gas leasehold being developed by the proposed well wribed in the erosion and sediment control plan submitted attor or lessee, in the event the tract of land on which the e coal seams; (4) The owners of record of the surface tract work, if the surface tract is to be used for the placement oundment or pit as described in section nine of this article a water well, spring or water supply source located with ride water for consumption by humans or domestic animosed well work activity is to take place. (c)(1) If more the frection (b) of this section hold interests in the lands, the article of the sheriff required to be maintained pursuant to section of this article to the contrary, notice to a lien holder R. § 35-8-5.7.a requires, in part, that the operator shall er purveyor or surface owner subject to notice and water	ent or pit as required by this article shall deliver, by personal service or by receipt or signature confirmation, copies of the application, the erosion and e, and the well plat to each of the following persons: (1) The owners of record of be located; (2) The owners of record of the surface tract or tracts overlying the work, if the surface tract is to be used for roads or other land disturbance as a pursuant to subsection (c), section seven of this article; (3) The coal owner, we well proposed to be drilled is located [sic] is known to be underlain by one or act or tracts overlying the oil and gas leasehold being developed by the proposed to, construction, enlargement, alteration, repair, removal or abandonment of any le; (5) Any surface owner or water purveyor who is known to the applicant to him one thousand five hundred feet of the center of the well pad which is used to als; and (6) The operator of any natural gas storage field within which the man three tenants in common or other co-owners of interests described in applicant may serve the documents required upon the person described in the section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any ter is not notice to a landowner, unless the lien holder is the landowner. W. Va. Il also provide the Well Site Safety Plan ("WSSP") to the surface owner and any testing as provided in section 15 of this rule.
Nar	URFACE OWNER(s) ne:	COAL OWNER OR LESSEE Name:
Ado	dress:	Address:
Nar Add	ne:	□ COAL OPERATOR Name: Address:
Nar	URFACE OWNER(s) (Road and/or Other Disturband ne: dress:	SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: William Bunner et al
Ado	ne:dress:	Address: 6050 N.Pleasants Hwy St.Marys ,WV 26170 OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Naı	URFACE OWNER(s) (Impoundments or Pits) ne: dress:	OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name:
		*Please attach additional forms if necessary 4 2016 WV Department of Environmental Protection

WW-6A
(8-13)

API NO. 47- 73 - 025 OPERATOR WELL NO. P2N2 Well Pad Name: P2

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/oiland-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 WV protection Environmental Protection

API NO. 47- 73 - 02564

OPERATOR WELL NO. P2N2

Well Pad Name: P2

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

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

(304) 926-0450

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. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

| 14 2016

WV Department of Environmental Protection 2017

RESEIVED

WW-6A (8-13) API NO. 47- 73- 6256 4

OPERATOR WELL NO. P2N2

Well Pad Name: P2

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.

Office of Oil and Gas

WV Department of Environmental Protection

WW-6A (8-13)

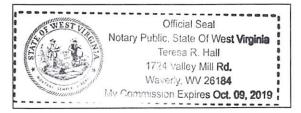
API NO. 47- 73 -	02564
OPERATOR WELL NO.	
Well Pad Name: P2	

Notice is hereby given by:

Well Operator: Jay-Bee Oil & Gas, Inc.Address: 3570 Shields Hill Rd.Telephone: 304-628-3111Cairo, WV 26337Email: sdowell@jaybeeoil.comFacsimile: 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 deprivacyofficer@wv.gov.



Subscribed and sworn before me this 9th day of 2016.

Notary Public My Commission Expires Oct 9th 2019

Office of Oil and Gas

WV Department of Environmental Projection 03/10/2017

Operational Start Virginia Start Vir

W	W-	-2B1

Well No.	P2N2	
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West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

The well operator named below is preparing to file for a permit from the state to drill a new well. Before a well work permit can be filed with the Chief of the Office of Oil and Gas, the well operator is required to have given notice of the right to request water well or spring analytical testing. This notice shall be given to the owners or occupants of land which have a water well or spring being utilized for human consumption, domestic animals, or other general use and which is located within 1000 feet of the proposed well site.

With this form, the operator is giving you notice of your right to request analytical testing. The operator is required to sample and analyze the water wells or springs of all owners or occupants who request it. Therefore, if you wish to have your water well or spring tested, contact the operator named below.

All sampling shall be completed prior to drilling. Within thirty (30) days of the receipt of such sample analyses the operator shall submit the results to the Chief of the Office of Oil and Gas and to the owners or occupants who may have requested them.

If no water well or spring is located within 1000 feet, the Chief may require the operator to sample and analyze water from a water well or spring within 2000 feet of the proposed well site.

Be advised, you have the right to sample and analyze any water supply at your own expense.

The laboratory used by the operator to analyze the samples will be approved by the Chief. The operator named below has decided to use the following laboratory to analyze the water samples:

	Contractor Name	Reliance Laboratories	_
Х	Well operator's pr	ivate laboratory	
	Well Operator	Jay-Bee Oil & Gas, INC	-0
	Address	3570 Shields Hill Rd / 1720 Route 22 East	
		Cairo, WV 26337 / Union, NJ 07083	
	Telephone	304-628-3111	

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underling which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site please indicate such.



WW-6A3 (1/12)

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry		i be provided at least SEVEN (7) da	7.	n FORTY-FIVE (45) days prior to
Date of Notice:	7/20/14 Da	e of Planned Entry: 7/27/10	0	
Delivery metho	od pursuant to West Vi	rginia Code § 22-6A-10a		
☐ PERSONA	AL REGISTE	RED METHOD OF DE	LIVERY THAT RE	QUIRES A
SERVICE	MAIL	RECEIPT OR SIG		
on to the surface but no more that beneath such trace owner of miner and Sediment C Secretary, whice enable the surface.	e tract to conduct any plant forty-five days prior to act that has filed a declar als underlying such tract Control Manual and the significant of	t surveys required pursuant to this a such entry to: (1) The surface owner ation pursuant to section thirty-six, a in the county tax records. The notice atutes and rules related to oil and gate contact information, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and pr	atement that copies of the state Erosion roduction may be obtained from the
SURFACE			L OWNER OR LE	COFF
Name: Morgan Va Address: 1100 B	ooch Pun Pd	Name:		
Friendly, WV 26146	eedi Kuli Ku.	Address:		
Address:		■ MIN	ERAL OWNER(s)	
			rgan Valley Farms, Inc.	
Name:			1100 Beech Run Rd.	
Address:		Friendly, WV		
		*please atta	ch additional forms if ne	cessary
	eby given: est Virginia Code § 22-64 in the tract of land as follo		ne undersigned well	l operator is planning entry to conduct
	M		tude & Longitude:	39.43573389 -81.04299762
	Discounts	Public Road		Beech Run
	Union	Watershed:		Middle Island Creek
Quadrangle:	Ben's Run 7.5'	Generally us	ed farm name:	·
may be obtaine	ed from the Secretary, at 25304 (304-926-0450)	he WV Department of Environment	al Protection headq tional information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Notice is here	eby given by:			
Well Operator:		Address:	3570 Shields Hill Rd.	
Telephone:	304-628-3111		Cairo, WV 26337	
Email:	sdowell@jaybeeoil.com	Facsimile:	304-628-3119	
o 1.6	D N			

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 deepprivacyofficer@wv.gov.

WW-6A3 (1/12)

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
Date of Notice: 7/2014 Date of Planned Entry:	7/27/14	
Delivery method pursuant to West Virginia Code § 22-6A	-10a	
	THOD OF DELIVERY THAT RE EIPT OR SIGNATURE CONFIR	
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing on to the surface tract to conduct any plat surveys required pu but no more than forty-five days prior to such entry to: (1) Th beneath such tract that has filed a declaration pursuant to sect owner of minerals underlying such tract in the county tax record and Sediment Control Manual and the statutes and rules related Secretary, which statement shall include contact information, enable the surface owner to obtain copies from the secretary. Notice is hereby provided to:	rsuant to this article. Such notice s e surface owner of such tract; (2) t ion thirty-six, article six, chapter to ords. The notice shall include a sta ed to oil and gas exploration and pr	hall be provided at least seven days o any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the
■ SURFACE OWNER(s)	☐ COAL OWNER OR LE	SSEE
Name: Lori Jean Barbarow c/o Corelogic Tax Services	Name:	
Address: 1 Corelogic Dr. DFW 4-3	Address:	
Westlake, TX 76262		
Name:		
Address:	■ MINERAL OWNER(s)	
	Name: Lori Jean Barbarow c/o Corelo	ogic Tax Services
Name:	Address: 1 Corelogic Dr. DFW 4-3	
Address:	Westlake, TX 76262	
	*please attach additional forms if ne	cessary
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is here a plat survey on the tract of land as follows: State: West Virginia County: Pleasants District: Union Quadrangle: Ben's Run 7.5'	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:	l operator is planning entry to conduct 39.43573389 -81.04299762 Beech Run Middle Island Creek
Copies of the state Erosion and Sediment Control Manual and may be obtained from the Secretary, at the WV Department of Charleston, WV 25304 (304-926-0450). Copies of such doc obtained from the Secretary by visiting		

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WW-6A3 (1/12)

Operator Well No. P2N2, P2N2U, P2S4, P2S4U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	EVEN (7) days but no more than FORTY-FIVE (45) days prior to	
Date of Notice: 7/20/16 Date of Planned Entry:	7/27/10	
Delivery method pursuant to West Virginia Code § 22-6A-1	0a	
	IOD OF DELIVERY THAT REQUIRES A IPT OR SIGNATURE CONFIRMATION	
on to the surface tract to conduct any plat surveys required purs but no more than forty-five days prior to such entry to: (1) The seneath such tract that has filed a declaration pursuant to section owner of minerals underlying such tract in the county tax record and Sediment Control Manual and the statutes and rules related Secretary, which statement shall include contact information, in enable the surface owner to obtain copies from the secretary.	permit application, the operator shall provide notice of planned entry uant to this article. Such notice shall be provided at least seven days surface owner of such tract; (2) to any owner or lessee of coal seams a thirty-six, article six, chapter twenty-two of this code; and (3) any is. The notice shall include a statement that copies of the state Erosion to oil and gas exploration and production may be obtained from the cluding the address for a web page on the Secretary's web site, to	
Notice is hereby provided to: SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE	
Name: William R. Munday		
Address: 120 Clay Street	Name:Address:	
Morgantown, WV 26501	rudiess.	
Name:		
Address:	■ MINERAL OWNER(s)	
	Name: William R. Munday	
Name:	Address: 120 Clay Street	
Address:	Morgantown, WV 26501	
	*please attach additional forms if necessary	
a plat survey on the tract of land as follows: State: West Virginia County: Pleasants District: Union	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: Approx. Latitude & Longitude: 39.43573389 -81.04299762 Beech Run Middle Island Creek	
may be obtained from the Secretary, at the WV Department of Charleston, WV 25304 (304-926-0450). Copies of such docur obtained from the Secretary by visiting		

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WW-6A3 (1/12)

Operator Well No. P2N2, P2N2U, P2S4, P2S4U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry		ded at least SEVEN (7) days but no more than	n FORTY-FIVE (45) days prior to
Date of Notice:	7/20/19 Date of Plans	ned Entry: _7/37/16	
Delivery method	d pursuant to West Virginia Coo	de § 22-6A-10a	
PERSONA SERVICE	L REGISTERED MAIL	■ METHOD OF DELIVERY THAT RE RECEIPT OR SIGNATURE CONFIR	
on to the surface but no more than beneath such tracowner of mineral and Sediment Co Secretary, which	tract to conduct any plat surveys a forty-five days prior to such entret that has filed a declaration pursuls underlying such tract in the countrol Manual and the statutes and statement shall include contact in the owner to obtain copies from the	rior to filing a permit application, the operator required pursuant to this article. Such notice s y to: (1) The surface owner of such tract; (2) to uant to section thirty-six, article six, chapter to the total rules related to oil and gas exploration and proformation, including the address for a web past executary.	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the
SURFACE	27	☐ COAL OWNER OR LE	SSEE
Address: P.O. Box	456	Name:Address:	
St. Marys, WV 26170			
Address:		■ MINERAL OWNER(s)	
Name:		Address: P.O. Box 456	
Address:		St. Marys, WV 26170	
		*please attach additional forms if ne	cessary
a plat survey on State: W County: Pl	by given: t Virginia Code § 22-6A-10(a), no the tract of land as follows: leasants nion en's Run 7.5'	Watershed:	l operator is planning entry to conduct 39.43573389 -81.04299762 Beech Run Middle Island Creek
may be obtained Charleston, WV	I from the Secretary, at the WV D 25304 (304-926-0450). Copies the Secretary by visiting www.dep.	Manual and the statutes and rules related to of epartment of Environmental Protection head of such documents or additional information of the www.gov/oil-and-gas/pages/default.aspx. Address: 3570 Shields Hill Rd. Cairo, WV 26337 Facsimile: 304-628-3119	uarters, located at 601 57 Street, SE,

Oil and Gas Privacy Notice:

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STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS **NOTICE OF ENTRY FOR PLAT SURVEY**

	Requirement:	Notice shall be prov	vided at least SI	EVEN (7) day	s but no more than	FORTY-FIVE (45) days prior to
entry Date of Noti	ce: 7/20/10	Date of Plan	nned Entry: _	7/27/10	<u>P</u>	
Delivery me	thod pursuant (to West Virginia C	ode § 22-6A-10	0a		
□ PERSO		REGISTERED MAIL			IVERY THAT RE	
						shall provide notice of planned entry
on to the surf but no more beneath such owner of mir and Sedimen Secretary, when able the su	face tract to cond than forty-five d tract that has fil nerals underlying t Control Manua hich statement sl rface owner to o	duct any plat surveys ays prior to such en- ed a declaration pur g such tract in the co- al and the statutes an hall include contact btain copies from the	s required pursi try to: (1) The s suant to section ounty tax record ad rules related information, in	uant to this art surface owner n thirty-six, ar ds. The notice to oil and gas	cicle. Such notice s of such tract; (2) t ticle six, chapter to shall include a stal exploration and pr	hall be provided at least seven days of any owner or lessee of coal seams wenty-two of this code; and (3) any tement that copies of the state Erosion roduction may be obtained from the ge on the Secretary's web site, to
_	reby provided to CE OWNER(s)	o:	/	☐ COAL	OWNER OR LES	SSEE
		night (LE) c/o Bentley Knight	/			
Address: 726	James Street			Address:		
New Martinsville,	WV 26155		_			
Name:			_			
Address:			_		RAL OWNER(s)	
			_			ight (LE) c/o Bentley Knight
Name:			_	_	26 James Street	
Address			_	New Martinsvill	additional forms if nec	cessarv
			_	prouse under	additional forms if nee	octoury .
Pursuant to Va plat survey	on the tract of la	ode § 22-6A-10(a), 1 and as follows:				operator is planning entry to conduct
State:	West Virginia			Approx. Latiti Public Road A	ide & Longitude:	39.43573389 -81.04299762 Beech Run
County: District:				Watershed:	iccess.	Middle Island Creek
Quadrangle:	Union Ben's Run 7.5'			Generally used	d farm name:	Inductional Stock
Copies of the may be obtained Charleston,	e state Erosion as ined from the Se WV 25304 (304	cretary, at the WV I	Department of I s of such docun	Environmenta nents or additi	l Protection headquonal information re	Il and gas exploration and production parters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Notice is he	ereby given by	<i>'</i> :				
	Or: Jay-Bee Oil & Ga			Address:	3570 Shields Hill Rd.	
Telephone:	304-628-3111				Cairo, WV 26337	
Email:	sdowell@jaybeed	oil.com		Facsimile:	304-628-3119	
0.1 1 C	D Wat	ian.				PERFINED

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.

WV Department of Environmental 93/10/2017

r	73-02564
Operator Well No.	P2N2, P2N2U

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 le	ast SEVEN (7) days but no more than	FORTY-FIVE (45) days prior to
Date of Notice: 7/20/14 Date of Planned Ent	ry: 7/27/10	
Delivery method pursuant to West Virginia Code § 22-	6A-10a	
☐ PERSONAL ■ REGISTERED ■ M	METHOD OF DELIVERY THAT REG	QUIRES A
	ECEIPT OR SIGNATURE CONFIRM	
Pursuant to West Virginia Code § 22-6A-10(a), Prior to fill on to the surface tract to conduct any plat surveys required but no more than forty-five days prior to such entry to: (1) beneath such tract that has filed a declaration pursuant to sowner of minerals underlying such tract in the county tax and Sediment Control Manual and the statutes and rules re Secretary, which statement shall include contact information enable the surface owner to obtain copies from the secretary	pursuant to this article. Such notice sl The surface owner of such tract; (2) to ection thirty-six, article six, chapter tweecords. The notice shall include a state lated to oil and gas exploration and propon, including the address for a web page	nall be provided at least seven days of any owner or lessee of coal seams venty-two of this code; and (3) any tement that copies of the state Erosion oduction may be obtained from the
Notice is hereby provided to:		
■ SURFACE OWNER(s)	☐ COAL OWNER OR LES	SSEE
Name: John L. & Barbara D. Renner	Name:	
Address: 8499 Arvilla Rd.	Address:	
Friendly, WV 26146	9	
Name:	☐ MINERAL OWNER(s)	
Address:		
Name:	Name:Address:	
Address:	radicos.	
	*please attach additional forms if nec	essary
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is ha plat survey on the tract of land as follows: State: West Virginia County: Pleasants District: Union Quadrangle: Ben's Run 7.5'	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:	operator is planning entry to conduct 39.43573389 -81.04299762 Beech Run Middle Island Creek
Copies of the state Erosion and Sediment Control Manual may be obtained from the Secretary, at the WV Departme Charleston, WV 25304 (304-926-0450). Copies of such cobtained from the Secretary by visiting www.dep.wv.gov/ Notice is hereby given by: Well Operator: Jay-Bee Oil & Gas, Inc. Telephone: 304-628-3111 Email: sdowell@jaybeeoil.com	nt of Environmental Protection headqu documents or additional information re	arters, located at 601 57 Street, SE,
Oil and Gas Privacy Notice: The Office of Oil and Gas processes your personal inform	nation, such as name, address and telep	phone 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.

WV Depart 03/10/2017

Environmental Protection

WW-6A3 (1/12)

Operator Well No. P2N2, P2N2U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	l be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Notice: 7/2016 Da	e of Planned Entry: 7/27/14
Delivery method pursuant to West V	ginia Code § 22-6A-10a
PERSONAL REGIST. SERVICE MAIL	RED METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface tract to conduct any p but no more than forty-five days prior t beneath such tract that has filed a decla owner of minerals underlying such trace and Sediment Control Manual and the	t-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry to surveys required pursuant to this article. Such notice shall be provided at least seven days such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams ation pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any in the county tax records. The notice shall include a statement that copies of the state Erosion atutes and rules related to oil and gas exploration and production may be obtained from the contact information, including the address for a web page on the Secretary's web site, to s from the secretary.
Notice is hereby provided to:	
■ SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE
Name: Greg & Darrin Underwood	Name:
Address: 1205 Blackhawk Place	Address:
Pontiac, IL 61764	
Name:	
Address:	☐ MINERAL OWNER(s)
	Name:
Name:	Address:
Address:	*please attach additional forms if necessary
a plat survey on the tract of land as foll State: West Virginia County: Pleasants District: Union Quadrangle: Ben's Run 7.5' Copies of the state Erosion and Sedime may be obtained from the Secretary, at Charleston, WV 25304 (304-926-0450)	Approx. Latitude & Longitude: Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name: t Control Manual and the statutes and rules related to oil and gas exploration and production he WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Copies of such documents or additional information related to horizontal drilling may be www.dep.wv.gov/oil-and-gas/pages/default.aspx. Address: 3570 Shields Hill Rd. Cairo, WV 26337 Facsimile: 304-628-3119
suoweii@jaybeeoii.com	
Oil and Gas Privacy Notice:	REGEIVED

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.

WV Department of Environmental F03/10/2017

Operator	Well No.	P2N2, P2N2U	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS $\underline{\text{NOTICE OF ENTRY FOR PLAT SURVEY}}$

	Requirement:	Notice shall be provi-	ded at least SE	VEN (7) day	s but no more than	n FORTY-FIVE (45) days prior to
entry Date of Notic	e: 7/aolic	Q Date of Plan	ned Entry:	1/27/14		
Delivery met	hod pursuant (to West Virginia Co	de § 22-6A-10	a		
☐ PERSON	NAL	REGISTERED	■ METH	OD OF DELI	IVERY THAT RE	OUIRES A
SERVIC		MAIL			ATURE CONFIR	
D XX		1 000 (A 10() B				1. II
on to the surfa but no more the beneath such owner of mine and Sediment Secretary, whenable the sur	nce tract to cond than forty-five d tract that has fil erals underlying Control Manua ich statement sl face owner to co	duct any plat surveys ays prior to such entreled a declaration purs g such tract in the could and the statutes and hall include contact in obtain copies from the	required pursury to: (1) The situant to section inty tax recorded rules related to information, incomparison.	ant to this art urface owner thirty-six, ar s. The notice o oil and gas	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a state exploration and pro-	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is here	eby provided t	0:				
□ SURFAC	CE OWNER(s)			☐ COAL	OWNER OR LE	SSEE
				Name:		
Address:			-	Address:		
Address:				■ MINE	RAL OWNER(s)	
					McKibben & Eunice McKi	ibben c/o Betsy Turvey /
	Address: 54218 Trieste Ct.					
Address: Shelby Township, MI 48316		-				
				*please attach	additional forms if ne	cessary
	Vest Virginia Co on the tract of l	ode § 22-6A-10(a), no and as follows:	A	approx. Latitu Jublic Road A Vatershed:	ıde & Longitude:	l operator is planning entry to conduct 39.43573389 -81.04299762 Beech Run Middle Island Creek
Copies of the may be obtain Charleston, V obtained from	ned from the Se VV 25304 (304 in the Secretary reby given by	ccretary, at the WV D 1-926-0450). Copies by visiting <u>www.dep.</u> y: as, Inc.	epartment of E of such docum	nvironmenta ents or additi	l Protection headq onal information r	il and gas exploration and production uarters, located at 601 57 th Street, SE, related to horizontal drilling may be
Oil and Gas	s Privacy Not	ice:				ALBENTED .
The Office of	Coil and Gaz re	rocesses vour nersons	al information	such as name	e address and tele	phone number, as part of our regulatory

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 by 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.

	73-02564
Operator Well No.	P2N2, P2N2U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	equirement: Notice shall be provi	ded at least SEVEN (7) days but no more than I	FORTY-FIVE (45) days prior to
entry Date of Notice:	7/20/16 Date of Plan	ned Entry: 7/27/16	
Delivery metho	d pursuant to West Virginia Co	de § 22-6A-10a	
PERSONA SERVICE	REGISTERED MAIL	■ METHOD OF DELIVERY THAT REQ RECEIPT OR SIGNATURE CONFIRM	
on to the surface but no more that beneath such tra owner of minera and Sediment Co Secretary, which	e tract to conduct any plat surveys in forty-five days prior to such entr ct that has filed a declaration purs als underlying such tract in the cou- control Manual and the statutes and in statement shall include contact in the countries of the contact in the countries of the co	rior to filing a permit application, the operator sharequired pursuant to this article. Such notice share y to: (1) The surface owner of such tract; (2) to the uant to section thirty-six, article six, chapter twenty tax records. The notice shall include a state rules related to oil and gas exploration and production of the production of the secretary.	all be provided at least seven days any owner or lessee of coal seams enty-two of this code; and (3) any ment that copies of the state Erosion duction may be obtained from the
SURFACE		☐ COAL OWNER OR LESS	SEE
Name: Lyle C. Dea	rth, Jr.	Name:	
Address: 274 Crai		Address:	
Friendly, WV 26146			
Name:			
Address:		☐ MINERAL OWNER(s)	
	Name:		
Name:		Address:	
Address:		*please attach additional forms if neces	
		please attach additional forms if neces	sary
a plat survey on	st Virginia Code § 22-6A-10(a), no the tract of land as follows:	otice is hereby given that the undersigned well o	
	Vest Virginia	Dublic Bood Access	99.43573389 -81.04299762 Beech Run
_	Pleasants		Middle Island Creek
	Inion en's Run 7.5'	Generally used farm name:	Middle Island Greek
Copies of the sta	ate Erosion and Sediment Control	Manual and the statutes and rules related to oil a epartment of Environmental Protection headqua of such documents or additional information related to the statutes and rules related to oil a such documents or additional information related to the statutes and rules related to oil a such documents or additional information related to oil a such documents of the oil additional information related to oil a such documents or additional information related to oil a such documents or additional information related to oil a such documents or additional information related to oil a such documents or additional information related to oil a such documents or additional information related to oil a such documents or additional information related to oil a such documents	rters, located at 601 57th Street, SE,
obtained from the	he Secretary by visiting www.dep.	wv.gov/oil-and-gas/pages/default.aspx.	
Notice is here	by given by:		
Well Operator:	Jay-Bee Oil & Gas, Inc.	Address: 3570 Shields Hill Rd.	
Telephone:	304-628-3111	Cairo, WV 26337	
Email:	sdowell@jaybeeoil.com	Facsimile: 304-628-3119	

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WW-6A3 (1/12)

Operator Well No. P2N2, P2N2U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	equirement: Notice shall be pro-	ided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date of Notice	: 7/20/3016 Date of Pla	nned Entry: 7/27/2016
Delivery metho	od pursuant to West Virginia C	ode § 22-6A-10a
PERSONA SERVICE		■ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice	te tract to conduct any plat survey an forty-five days prior to such en act that has filed a declaration purals underlying such tract in the co control Manual and the statutes as	Prior to filing a permit application, the operator shall provide notice of planned entry a required pursuant to this article. Such notice shall be provided at least seven days ary to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any unty tax records. The notice shall include a statement that copies of the state Erosion d rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
Notice is hereb	y provided to:	
■ SURFACE	E OWNER(s)	☐ COAL OWNER OR LESSEE
	en Renner & Lenora Renner	Name:
Address: 335 Re		Address:
Friendly, WV 26146		
Name:		
Address:		MINERAL OWNER(s)
		Name: James Allen Renner & Lenora Renner
Name:	ame: Address: 335 Red Barn Road /	
Address:		_ Friendly, WV 26146
		*please attach additional forms if necessary
Notice is here	eby given:	
		otice is hereby given that the undersigned well operator is planning entry to conduct
	the tract of land as follows:	
	West Virginia	
_	Pleasants	Public Road Access: Beech Run
	Union	Watershed: Middle Island Creek
Quadrangle: _E	Ben's Run 7.5'	Generally used farm name:
may be obtaine Charleston, WV obtained from t	d from the Secretary, at the WV 25304 (304-926-0450). Copie the Secretary by visiting	

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.

	73-02564
Operator Well No.	

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	uirement: Notice shall be provid	led at least SEVEN (7)	days but no more tha	in FORTY-FIVE (45) days prior to
entry Date of Notice:	7/20/16 Date of Plann	ned Entry: 7/27/	14	
Delivery method	pursuant to West Virginia Cod	le § 22-6A-10a		
☐ PERSONAL	■ REGISTERED	■ METHOD OF D	ELIVERY THAT RI	EQUIRES A
SERVICE	MAIL		GNATURE CONFIR	
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 j	provided to:			
■ SURFACE O	WNER(s)		AL OWNER OR LE	ESSEE
Name: Lyle C. and Es				
Address: 1612 Point	Lookout Rd.	Address	:	
Friendly, WV 26146			·	
Name:				
Address:		☐ MI	NERAL OWNER(s)	
		Name:		
Name:		Address	:	
Address:			tach additional forms if no	
Notice is hereby	y given:			,
Pursuant to West	Virginia Code § 22-6A-10(a), no	tice is hereby given that	the undersigned wel	ll operator is planning entry to conduct
	ne tract of land as follows:	Approx I a	titude & Longitude:	39.43573389 -81.04299762
	Control of the Control	Public Pos		Beech Run
District: Unio	0.50	Watershed		Middle Island Creek
Quadrangle: Ben'			ised farm name:	
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 57 th 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	y given by:	SON PROPE		
Well Operator:	lay-Bee Oil & Gas, Inc.	Address:	3570 Shields Hill Rd.	
Telephone:	804-628-3111		Cairo, WV 26337	
Email: s	dowell@jaybeeoil.com	Facsimil	304-628-3119	
Oil and Gas Pri The Office of Oil duties. Your pers	and Gas processes your personal	information, such as na sed to other State agen	ame, address and telecies or third parties	ephone number, as part of our regulatory 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.

WV Departm 03/40/2017 Environmental Protection

Operator	Well	No	P2N2, P2N2U	
Operator	YY CII	TIO.		

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

entry Date of Notice: 7/36/16 Date of Planned Entr	y: 7/27/16			
Delivery method pursuant to West Virginia Code § 22-6	A-10a			
	ETHOD OF DELIVERY THAT REQUIRES A ECEIPT OR SIGNATURE CONFIRMATION			
on to the surface tract to conduct any plat surveys required but no more than forty-five days prior to such entry to: (1) beneath such tract that has filed a declaration pursuant to se owner of minerals underlying such tract in the county tax reand Sediment Control Manual and the statutes and rules related to the control Manual and the statutes and rules	ng a permit application, the operator shall provide notice of planned entry pursuant to this article. Such notice shall be provided at least seven days. The surface owner of such tract; (2) to any owner or lessee of coal seams action thirty-six, article six, chapter twenty-two of this code; and (3) any ecords. The notice shall include a statement that copies of the state Erosion ated to oil and gas exploration and production may be obtained from the n, including the address for a web page on the Secretary's web site, to			
Notice is hereby provided to:				
■ SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE			
Name: William D. & Debra L. Metz	Name:			
Address: 2032 Point Lookout Road Address:				
Friendly, WV 26146				
Name:	ACRIED AL CHRIED			
Address:	■ MINERAL OWNER(s)			
Nama	Name: William D. & Debra L. Metz			
Name:Address:	Address: 2032 Point Lookout Road Friendly, WV 26146			
7 Iddi ess.	*please attach additional forms if necessary			
	produce united additional forms in necessary			
a plat survey on the tract of land as follows:	reby given that the undersigned well operator is planning entry to conduct Approx. Latitude & Longitude: 39.43573389 -81.04299762			
Country	Public Road Access: Beech Run Beech Run			
District: Union	Watershed: Middle Island Creek			
Quadrangle: Ben's Run 7.5'	Generally used farm name:			
Copies of the state Erosion and Sediment Control Manual a may be obtained from the Secretary, at the WV Department	and the statutes and rules related to oil and gas exploration and production tof Environmental Protection headquarters, located at 601 57 th Street, SE, ocuments or additional information related to horizontal drilling may be il-and-gas/pages/default.aspx.			
Notice is hereby given by:				
Well Operator: Jay-Bee Oil & Gas, Inc. Address: 3570 Shields Hill Rd.				
Telephone: 304-628-3111	Cairo, WV 26337			
Email: sdowell@jaybeeoil.com	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.

Operator Well No. P2N2, P2N2U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	ded at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Notice: $\frac{7/30/4\psi}{}$ Date of Plan	ned Entry: 7/27/16
Delivery method pursuant to West Virginia Co	de § 22-6A-10a
☐ PERSONAL ■ REGISTERED	■ METHOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL	RECEIPT OR SIGNATURE CONFIRMATION
Pursuant to West Virginia Code \$ 22.64, 10(a) Pu	
on to the surface tract to conduct any plat surveys but no more than forty-five days prior to such entr beneath such tract that has filed a declaration purs owner of minerals underlying such tract in the count and Sediment Control Manual and the statutes and Secretary, which statement shall include contact in enable the surface owner to obtain copies from the	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days by to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams uant to section thirty-six, article six, chapter twenty-two of this code; and (3) any anty tax records. The notice shall include a statement that copies of the state Erosion in rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to execretary.
Notice is hereby provided to:	
■ SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE
Name: Jay H. Renner	Name:
Address: 2578 Cedar Run Rd.	Address:
Friendly, WV 26146	
Name:	■ MINERAL OWNER(s)
Address:	MINERAL OWNER(s)
Name:	
Address:	Friendly, WV 26146
	*please attach additional forms if necessary
a plat survey on the tract of land as follows: State: West Virginia County: Pleasants District: Union Quadrangle: Ben's Run 7.5'	Watershed: Middle Island Creek Generally used farm name:
may be obtained from the Secretary, at the WV Do Charleston, WV 25304 (304-926-0450). Copies obtained from the Secretary by visiting www.dep. Notice is hereby given by: Well Operator: Jay-Bee Oil & Gas, Inc. Telephone: 304-628-3111	Manual and the statutes and rules related to oil and gas exploration and production epartment of Environmental Protection headquarters, located at 601 57 th Street, SE, of such documents or additional information related to horizontal drilling may be www.gov/oil-and-gas/pages/default.aspx . Address: 3570 Shields Hill Rd. Cairo, WV 26337 Facsimile: 304-628-3119
Email: sdowell@jaybeeoil.com	
Oil and Gas Privacy Notice: The Office of Oil and Gas processes your persona	l information, such as name, address and telephone number, as part of our regulatory

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 of as needed to comply with statutory or regulatory requirements, including Freedom of Information Actingquests. 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.

WV Departmon 3/10/2017

	73-02564
Operator Well No.	P2N2, P2N2U

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR PLAT SURVEY

	SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of Notice: 1/20/16 Date of Planned Entry:	-7/27/14
Delivery method pursuant to West Virginia Code § 22-6A-	-10a
	THOD OF DELIVERY THAT REQUIRES A CEIPT OR SIGNATURE CONFIRMATION
SERVICE WITHE RECO	SELL I OK SIGNATURE CONTINUATION
on to the surface tract to conduct any plat surveys required pur but no more than forty-five days prior to such entry to: (1) The beneath such tract that has filed a declaration pursuant to section owner of minerals underlying such tract in the county tax reco and Sediment Control Manual and the statutes and rules relate Secretary, which statement shall include contact information, it enable the surface owner to obtain copies from the secretary.	g a permit application, the operator shall provide notice of planned entry arsuant to this article. Such notice shall be provided at least seven days are surface owner of such tract; (2) to any owner or lessee of coal seams tion thirty-six, article six, chapter twenty-two of this code; and (3) any ords. The notice shall include a statement that copies of the state Erosion ed to oil and gas exploration and production may be obtained from the including the address for a web page on the Secretary's web site, to
Notice is hereby provided to:	
■ SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE
Name: Mark A. Kaplan & James E. Nester	Name:
Address: 2087 Cedar Run Road	Address:
Friendly, WV 26146	
Name:	
Address:	■ MINERAL OWNER(s)
	Name: Mark A. Kaplan & James E. Nester
Name:	Address: 2087 Cedar Run Road
Address:	Friendly, WV 26146
	*please attach additional forms if necessary
	eby given that the undersigned well operator is planning entry to conduct
a plat survey on the tract of land as follows: State: West Virginia	Approx. Latitude & Longitude: 39.43573389-81.04299762
Country	Public Road Access: Beech Run Beech Run
Districts Using	Watershed: Middle Island Creek
Quadrangle: Ben's Run 7.5'	Generally used farm name:
Copies of the state Erosion and Sediment Control Manual and may be obtained from the Secretary, at the WV Department of	d the statutes and rules related to oil and gas exploration and production of Environmental Protection headquarters, located at 601 57 th Street, SE, ruments or additional information related to horizontal drilling may be and-gas/pages/default.aspx.
Notice is hereby given by:	
Notice is hereby given by: Well Operator: Jay-Bee Oil & Gas, Inc.	Address: 3570 Shields Hill Rd.
Telephone: 304-628-3111	Facsimile: 304-628-3119
Email: sdowell@jaybeeoil.com	
Oil and Gas Privacy Notice:	Office

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WV Department of Environmental Pr03/10/2017

WW-6A5 (1/12)

3-025e4
2N2/

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

	e Time Ro of Notice:	equirement: notice shall be pro		o later than the filing pplication Filed: 12/0		application.		
Delivery method pursuant to West Virginia Code § 22-6A-16(c)								
	CERTIFII	ED MAIL		HAND				
		RECEIPT REQUESTED		DELIVERY				
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.								
Notic	e is hereb	y provided to the SURFACE	OWNE	R(s)				
		isted in the records of the sherif	f at the					
	: Morgan Valle				ori Jean Barbarow			
	ess: 1100 Be	ech Run Rd	_		S: PO Box 456 WV 26170			
- nend	19 *** 20140			Jt. Marys	WV 20170			
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 Easting: 496,339.44								
Coun	ty: F	Pleasants		UTM NAD 8	Northing:	4,365,104.89		
Distri		Jnion		Public Road		Beech Run Rd / CR 36		
		Bens Run 7.5'		Generally use	ed farm name:	Morgan Valley Farms		
Wate	rshed: N	fiddle Island Creek						
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 57 th 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.		Address:	3570 Shields Hill Rd.			
	hone:	304-628-3111			Cairo, WV 26337			
Emai		sdowell@jaybeeoil.com		Facsimile:	304-628-3119			
Oil a	nd Gas Pi	ivacy Notice:				Line		

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WW-6A5 (1/12)

Operator Well No. P2N2

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

Notice Time R Date of Notice	Requirement: notice shall be provided no late: 12/09/2016 Date Permit Appli	er than the filing date of permication Filed: 12/09/2016	it application. 		
Delivery meth	od pursuant to West Virginia Code § 22-6	6A-16(c)			
CERTIFIE	ERTIFIED MAIL HAND				
RETUR	N RECEIPT REQUESTED DE	ELIVERY			
return receipt return receipt return receipt required to be provided an ages to the (d) The notices of notice. Notice is herel	requested or hand delivery, give the surface of peration. The notice required by this subset provided by subsection (b), section ten of this prizontal well; and (3) A proposed surface a surface affected by oil and gas operations to	owner whose land will be used action shall include: (1) A copy is article to a surface owner who use and compensation agreement the extent the damages are core surface owner at the address in the surface owner at the address in the surface owner at the address in the surface owner at the surface owner	lication, an operator shall, by certified mail for the drilling of a horizontal well notice of y of this code section; (2) The information ose land will be used in conjunction with the ent containing an offer of compensation for impensable under article six-b of this chapter. Listed in the records of the sheriff at the time		
Name: William Mu		Name:			
Address: 120 Cla		Address:			
Morgantown, WV 26	501				
operation on the State: County: District: Quadrangle:	est Virginia Code § 22-6A-16(c), notice is he he surface owner's land for the purpose of dr West Virginia Pleasants Union Bens Run 7.5' Middle Island Creek		496,339.44 4,365,104.89 Beech Run Rd / CR 36		
This Notice SI Pursuant to We to be provided horizontal well surface affecte information re	hall Include: est Virginia Code § 22-6A-16(c), this notice d by W. Va. Code § 22-6A-10(b) to a surfal; and (3) A proposed surface use and composed by oil and gas operations to the extent the lated to horizontal drilling may be obtained located at 601 57th Street, SE, Charleston	ace owner whose land will be ensation agreement containing a e damages are compensable un I from the Secretary, at the W	s code section; (2) The information required used in conjunction with the drilling of a an offer of compensation for damages to the nder article six-b of this chapter. Additional V Department of Environmental Protection 0) or by visiting		

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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

1900 Kanawha Boulevard East . Building Five . Room 110 Charleston, West Virginia 25305-0430 • (304) 558-3505

Paul A. Mattox, Jr., P. E. Secretary of Transportation/ Commissioner of Highways

November 2, 2016

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

Subject: DOH Permit for the P2 Pad, Pleasants County

P2N2 −API Pending ✓

P2N2U -API Pending

P2S6 –API Pending

P2N4U -API 47-073-02557 P2S4 -API Pending P2S6U -API 47-073-02561

Well Sites

P2N4 - API 47-073-02556

P2S4U -API Pending

Dear Mr. Martin,

Earl Ray Tomblin

Governor

This well site will be accessed from a DOH permit #06-2016-00386 issued to Jay-Bee Oil & Gas, Inc. for access to the State Road for a well site located off of Pleasants County Route 36 SLS.

The operator has signed a DISTRICT WIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Gary K. Clayton, P.E.

Regional Maintenance Engineer Central Office O&G Coordinator

Gary K. Clayton

Cc:

Shane Dowell

Jay-Bee Oil & Gas, Inc.

CH, OM, D-6

File



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)

middle

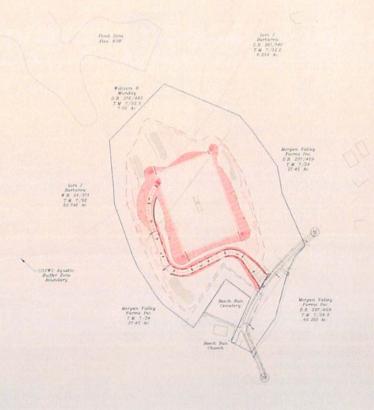
- Citric Acid (77-92-9)
- Guar Gum (9000-30-0)
- Corrosion Inhibitor (67-56-1, 107-19-7)
- Surfactant (111-76-2)

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

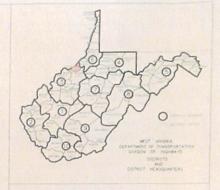






Design Certification.
The denounces: construction native and in ference diagrams attached hereds have been prepared in accordance with the Next Veryinia Code of State Miles, Distribute of Environmental Protection, Office of Oil and Gas.

APPROVED WVDEP OOG (3) 3 9/30/2016



Sheel Description

1 Cover
2 Details & Notes
3 Details
4 Details
5 Details
6 Existing Contour Plan
7 Proposed Pad Plan
8 Pad Profile & Cross Sections
9 Road Plan & Profile
10 Road Cross Sections
11 Reclamation Plan

CENTER PAD Geographic NAD 83 Latitude 39 435425 Longitude 81 042546

CENTER ROAD INT Geographic NAD 83 Latitude 39 434201 Longitude 81 041258

Flood Elevation Information taken from FIRM Map 54073000580 & 54073000750

Wetland Delineation and Stream Identification by Alistar Ecology LLC in July 2016

TOTAL LIMIT OF DISTURBANCE (LOD) IN 84: ACRES



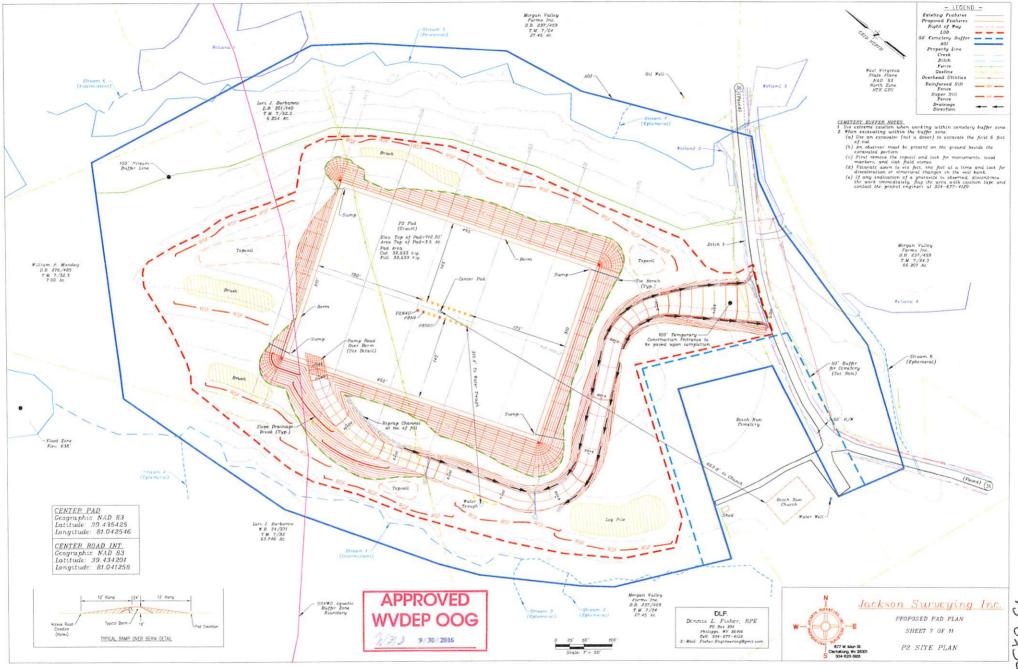


Dennis C. Fisher, RPC

PC dox 281 Thispan, etc. 25419 Can. 354-675-625 C-etc. Traffer EngineeringSign

SHEET & OF IT

PR SITE PLAN



73-025u4