

west virginia department of environmental protection

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

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

Tuesday, February 06, 2018 WELL WORK PERMIT Horizontal 6A / New Drill

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

UNION, NJ 070830000

Re: Permit approval for CURLY I 47-095-02445-00-00

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: CURLY 1 Farm Name: JAY-BEE OIL & GAS INC. U.S. WELL NUMBER: 47-095-02445-00-00

Horizontal 6A / New Drill

Date Issued: 2/6/2018

Promoting a healthy environment.

API Number: 9502445

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. Failure to adhere to the specified permit conditions may result in enforcement action.

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: <u>95-02445</u>

PERMIT CONDITIONS

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

12. This proposed activity requires the plugging of a water well for which the operator shall obtain a permit from the Bureau of Public Health and plug in accordance to its standards.

4709502445
API NO. 47
OPERATOR WELL NO. Curly 1
Well Pad Name: Curly

1) Well Operator: Jay-Bee Oil 8	& Gas, Inc.	24610	Tyler	Ellsworth Middlebourne 7.5
The state of the s		Operator ID	County	District Quadrangle
2) Operator's Well Number: Curl	y 1	Well l	Pad Name: Cur	ly
3) Farm Name/Surface Owner: Ja	ay-Bee Produ	ction Public R	Road Access: K	londike Ridge Rd
4) Elevation, current ground: 1,	,138' I	Elevation, propose	ed post-constru	etion: 1,123'
5) Well Type (a) Gas X	Oil		nderground Stor	Control of the contro
Other				
(b)If Gas Shall	ow X	Deep		
Horiz	zontal X			OMH
6) Existing Pad: Yes or No No			_	9-3-17
 Proposed Target Formation(s), Marcellus, Target Depth 6,425.5 			s and Expected	Pressure(s):
8) Proposed Total Vertical Depth:	A STATE OF THE STA	TTO PRODUITO		
9) Formation at Total Vertical Dep		IS		
10) Proposed Total Measured Dep	oth: 14,520.5	5'		
11) Proposed Horizontal Leg Leng	gth: 6,916'			
12) Approximate Fresh Water Stra	ata Depths:	452'		
13) Method to Determine Fresh W	ater Depths:	Well Record 47-	095-01127 & 4	7-095-00864
14) Approximate Saltwater Depth	•			
15) Approximate Coal Seam Dept	hs: N/A			
16) Approximate Depth to Possibl	le Void (coal n	nine, karst, other)	: N/A	
17) Does Proposed well location of directly overlying or adjacent to a			Λ	No X
(a) If Yes, provide Mine Info:	Name:			
	Depth:			
	Seam:			RECEIVED
	Owner:			Office of Oil and Gas
				APR 0 5 2017

WV Department of Environmental Protection Page 1 of 3

API NO. 47- 95 - 02445 OPERATOR WELL NO. Curly 1

Well Pad Name: Curly

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	502'	502'	CTS
Coal							
Intermediate	8 5/8	New	J55	24	1,800'	1,800'	458 CTS
Production	5 1/2	New	P110	17	14,520.5'	14,520.5	2,342 CF 1000' from surface
Tubing	N/A						
Liners	N/A						

Dm++ 4-3-17

ТҮРЕ	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	DECEIVED
Depths Set:	N/A	APR 0.5 2017

API NO. 47-95 02445
OPERATOR WELL NO. Curly 1
Well Pad Name: Curly

19) D	escribe pr	oposed we	ll work	, including	the drilling	g and pi	lugging l	back of an	y pilot hole:
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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.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 14.28
- 22) Area to be disturbed for well pad only, less access road (acres): 9.57
- 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.

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.

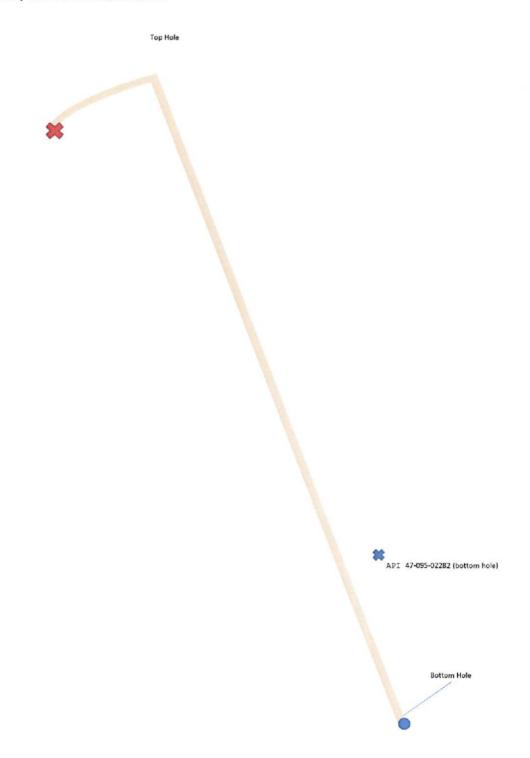
^{*}Note: Attach additional sheets as needed.

Jay-Bee Oil & Gas Inc. Date 3/30/2017 | Well Name | Curly 1 |
| GL Elevation | 1123 |
| KB | 14 feet | District Ellsworth County Tyler State West Virginia Input by: Shane Dowell 17.5" Hole Conductor 16" J-55 30 feet GL Surface 11 3/4 J-55 15" hole 502 feet GL 11" hole Intermediate 8 5/8 J-55 1800 feet GL Cement 7 7/8 hole Production 5 1/2 P-110 17# 6,425.5 feet GL Environmental Protection Office of Oil and (WV Department of APR 0 5 2017 Gas

95-02445

Total depth 14,520.5 feet GL

Well-Site Safety Plan Anti-Collision Schematic



Area of Review

Curly 1- API Pending

API 095-02277 Elev. 1160'



TD 6,700 vert Marcellus Proposed

	Marcellus Propos		
Operator	Antero Resources Corporation		
Well Name	1H		
Perforated Formations	Marcellus		
	Elk		
	Alexander		
	Benson		
	Riley		
	Speechley		
	Warren		
	Gordon		
Unperforated	Gantz		
Producing	Berea		
Formations	Weir		
	Big Injun		
	Keener		
	Big Lime		
	Maxon		
	Big Dunkard		
	Little Dunkard		
	Cow Run		

API Number 47 - 95 - 03445 Operator's Well No. Curly 1

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
	Middlebourne 7.5'
Do you anticipate using more than 5,000 bbls of water to complete the proposed v	well work? Yes No 🗸
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes No If	so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	PMH
Underground Injection (UIC Permit Number 47-085-0 Reuse (at API Number	09721 4-3-17
Off Site Disposal (Supply form WW-9 for disposal loc	cation)
Other (Explain Using Contract Haulers (API's 47-085-0515	
Will closed loop system be used? If so, describe: Yes, Centrifuge Drying Shaker S	system for Top Hole & Horizontal section
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwate	er, oil based, etc. Air Vertical / Horizontal OBM
-If oil based, what type? Synthetic, petroleum, etc. ABS 40 (Aliphatic Base :	System) Synthetic
Additives to be used in drilling medium? Barite, ABS MUL/VIS, Bentone990, CACL2, Ca	alCarb,FLR, Lime,Multifiber,Permaseal,Nut Plug
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Landf	riit
-If left in pit and plan to solidify what medium will be used? (cement, lin	
-Landfill or offsite name/permit number? Meadowfill/Permit 101219WV	me, serieur,
Permittee shall provide written notice to the Office of Oil and Gas of any load of o West Virginia solid waste facility. The notice shall be provided within 24 hours of where it was properly disposed.	
I certify that I understand and agree to the terms and conditions of the Con August 1, 2005, by the Office of Oil and Gas of the West Virginia Department provisions of the permit are enforceable by law. Violations of any term or condlaw or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and ar application form and all attachments thereto and that, based on my inquiry obtaining the information, I believe that the information is true, accurate, and penalties for submitting false information, including the possibility of fine or improved the company Official Signature Company Official (Typed Name) Shane Dowell	of Environmental Protection. I understand that the dition of the general permit and/or other applicable m familiar with the information submitted on this of those individuals immediately responsible for a complete. I am aware that there are significant
Company Official Title Office Manager	RECEIVED
Company Official Title_Since manager	Office of Oil and Gas
Subscribed and sworn before me this 31st day of March	
Subscribed and sworn before me this 3 day of 1 wch	, 20 17 APR 0 5 2017
Teresur Hall	Notan Paris Official Seal
My commission expires Oct 9th 2019	Hotely Public, State Of West W
My commission expires	1724 Valley Mill Rd.
	Waverly, WV 26186

Operator's Well No. Curly 1

Proposed Revegetation Treatme	nt: Acres Disturbed	9.16 Prevegetation pH	6.8
Lime 2-3		rrect to pH	
Fertilizer type 10-20			
Fertilizer amount 500		lbs/acre	
Mulch Hay 2		Tons/acre	
		Seed Mixtures	
Temp	orary	Perman	ent
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	KY Bluegrass	20
Field Bloomgrass	40	Creeping Red Fescue	30
Sudangrass	40	Perennial Ryegrass	10
	will be land applied, area.	and application (unless engineered plans including include dimensions (L \times W \times D) of the pit, and details.	
Maps(s) of road, location, pit an provided). If water from the pit acreage, of the land application Photocopied section of involved	will be land applied, area. 7.5' topographic she	include dimensions (L x W x D) of the pit, and d	
Maps(s) of road, location, pit an provided). If water from the pit acreage, of the land application	will be land applied, area. 7.5' topographic she	include dimensions (L x W x D) of the pit, and d	
Maps(s) of road, location, pit an provided). If water from the pit acreage, of the land application Photocopied section of involved Plan Approved by:	will be land applied, area. 7.5' topographic she	include dimensions (L x W x D) of the pit, and d	
Maps(s) of road, location, pit an provided). If water from the pit pereage, of the land application who to copied section of involved Plan Approved by:	will be land applied, area. 7.5' topographic she	include dimensions (L x W x D) of the pit, and d	
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Maps(s) of road, location, pit an provided). If water from the pit acreage, of the land application Photocopied section of involved	will be land applied, area. 7.5' topographic she	include dimensions (L x W x D) of the pit, and d	
Maps(s) of road, location, pit an provided). If water from the pit acreage, of the land application Photocopied section of involved Plan Approved by:	will be land applied, area. 7.5' topographic she	et.	

CURLY 1

WELL SITE SAFETY PLAN

DMH 4-3-17

JAY-BEE OIL & GAS, INC

RECEIVED
Office of Oil and Gas

APR 0 5 2017



Middlebourne, WV

II.	
1. Head southwest on WV-18 S/Main St toward Bridgeway Rd Continue to follow WV-18 S	go 0.2 mi total 0.2 mi
2. Take the 1st right onto Bridgeway Rd	go 0.1 mi total 0.3 mi
Tum left onto Middlebourne-Wick/Wick Rd About 4 mins	go 2.0 mi total 2.3 mi
4. Turn left onto Middlebourne-Wick	go 0.1 mi total 2.4 mi
 Continue straight onto Co Rd 46/Klondike Ridge About 3 mins 	go 0.5 mi total 2.9 mi
Co Rd 46/Klondike Ridge	

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. Map data @2013 Google

Directions weren't right? Please find your route on maps.google.com and click "Report a problem" at the bottom left.



Directions to Co Rd 46/Klondike Ridge 2.9 mi - about 8 mins

95-02445



159

13,

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 of Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
RT2	Ridgetop Capital, LP	JB Exploration I, LLC	12.5%	392-375
T6006	Anthony Michael Goffi Irrevocable Trust	JB Exploration I, LLC	12.5%	396-636
T6005	Anthony Michael Goffi Irrevocable Trust	JB Exploration I, LLC	12.5%	396-636
T6008	Anthony Michael Goffi Irrevocable Trust	JB Exploration I, LLC	12.5%	396-636
T6013	WVDNR	JB Exploration I, LLC	12.5%	485-382
T6049C2	WVDNR	JB Exploration I, LLC	12.5%	485-430
T6049D -	WVDNR -	JB Exploration I, LLC	12.5%	- 485-442
Affidavit -	JB Exploration I, LLC -	Jay-Bee Oil & Gas, Inc		

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 APR 0 5 2017

Its: Office Manager

Page 1 of 1

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 JB Exploration I, 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 JB Exploration I, 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 JB Exploration I, 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 well Curly 1, Curly 1U, Curly 2, Curly 2U API No(s). pending, on Form WW-6A1.
- 4. We certify that we are authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, on all such oil or gas to be extracted, produced or marketed from the well.
- 5. We certify under the penalty of law that we have personally examined and are familiar with the information contained and referenced herein and that, based on our inquiries of those individuals immediately responsible for obtaining the information, we believe that the information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

 APR 0 5 2017

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 Zaday
of March, 7017 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf
of the corporation.
My commission expires: April 18, 2022.
NOTARY PUBLIC
Randy Broda, Managing Member of JB Exploration I, LLC
Taken, subscribed and sworn to before me, the undersigned Notary Public, this ZZ day
of March, 2017 by Randy Broda, Managing Member of JB Exploration I, LLC,
on behalf of the company.
My commission expires: April 18, 2022.
SCHOLLE
NOTARY PUBLIC

CONTROL OF CONTROL OF

APR 0 5 2017



JAY-BEE OIL & GAS, INC.

March 31, 2017

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

RE: Curly 1 Well

Permitting Office:

As you know we have applied for a well permit for the Curly 1 Well in Tyler County, West Virginia. This pad is located on what we call the RT2 tract. The leg runs beneath Klondike Ridge 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

DEGEIVED
Office of Oil and Gas

APR 0 5 2017

Date of Notice	ce Certification: 03/31/2017			45 - 0	
				Well No. Curly ame: Curly	1
below for the	he provisions in West Virginia Code e tract of land as follows:	§ 22-6A, the Operator has provid	led the requ	uired parties w	ith the Notice Forms listed
State:	West Virginia		asting:	508,851.8	
County: District:	Tyler		orthing:	4,368,260.7	
	Ellsworth Middlebourne 7.5'	Public Road Access		Klondike Ridge Rd	
Quadrangle: Watershed:	Middle Island Creek	Generally used farm	n name:	Jay-Bee Productio	n
it has provid information r of giving the requirements Virginia Cod	the secretary, shall be verified and sed the owners of the surface described the equired by subsections (b) and (c), see surface owner notice of entry to surface owner notice of entry to surface of subsection (b), section sixteen of e § 22-6A-11(b), the applicant shall thave been completed by the applicant	bed in subdivisions (1), (2) and ection sixteen of this article; (ii) t irvey pursuant to subsection (a), if this article were waived in we ender proof of and certify to the	(4), subsethat the req , section to riting by the	ection (b), sec uirement was en of this artic he surface ow	tion ten of this article, the deemed satisfied as a result ele six-a; or (iii) the notice ener; and Pursuant to West
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the require		Notice Ce	rtification	OOG OFFICE USE ONLY
☐ 1. NO	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRE SEISMIC ACTIVITY WAS C			RECEIVED/ NOT REQUIRED
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	/EY or □ NO PLAT SURVEY	WAS CO	NDUCTED	☐ RECEIVED
☐ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRE NOTICE OF ENTRY FOR PL WAS CONDUCTED or			☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY (PLEASE ATTACH)	SURFAC	E OWNER	
■ 4. NO	TICE OF PLANNED OPERATION				☐ RECEIVED
■ 5. PUI	BLIC NOTICE				☐ RECEIVED
■ 6. NO	TICE OF APPLICATION				☐ RECEIVED

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 attached Notice Forms and 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 Maginga 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 personal service,

the return receipt card or other postal receipt for certified mailing.

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.

Address:

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

By: Shane Dowell

Its: Office Manager

ice Manager Facsimile: 304-628-3119

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

NOTARY SEAlal 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 31st day of March 201

Motary Public

My Commission Expires (UC) 9, 2019

3570 Shields Hill Rd.

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.

Office of Oil and Gas APR 0 5 2017

API NO. 47	95.	D	2445	
OPERATOR	WELL	NO.	Curty 1	
Well Pad Nar	ne: Curl	y Pad		

Noti	ice Time Requiren	ent: notice shall be provi	ded no later than the	filing date of permit application.	
	e of Notice: 3-31-201 ice of:	Date Permit Applica	tion Filed: 3-31-2017	-	
V	PERMIT FOR AN		CATE OF APPROV RUCTION OF AN II	AL FOR THE MPOUNDMENT OR PIT	
Deli	very method purs	uant to West Virginia Co	ode § 22-6A-10(b)		
	PERSONAL	✓ REGISTERED	✓ METHOD (OF DELIVERY THAT REQUIRES A	
	SERVICE	MAIL		OR SIGNATURE CONFIRMATION	
the soil and description operation o	urface of the tract or nd gas leasehold bein ribed in the erosion a ator or lessee, in the e coal seams; (4) The work, if the surface bundment or pit as do a water well, spring ide water for consun- osed well work active ection (b) of this sec- rds of the sheriff req- ision of this article to e R. § 35-8-5.7.a rec-	n which the well is or is pro- ng developed by the propose and sediment control plans a event the tract of land on ver- e owners of record of the se tract is to be used for the pre- escribed in section nine of or water supply source loc- aption by humans or dome- rity is to take place. (c)(1) It tion hold interests in the la- uired to be maintained purs- to the contrary, notice to a li- quires, in part, that the open	posed to be located; and well work, if the submitted pursuant to which the well proposurface tract or tracts or lacement, construction this article; (5) Any substict animals; and (6) If more than three tenands, the applicant magnant to section eight, ien holder is not notice ator shall also provides	ell plat to each of the following persons: (1) The (2) The owners of record of the surface tract of surface tract is to be used for roads or other land subsection (c), section seven of this article; (3) ed to be drilled is located [sic] is known to be everlying the oil and gas leasehold being develon, enlargement, alteration, repair, removal or a surface owner or water purveyor who is known sand five hundred feet of the center of the well the operator of any natural gas storage field with ants in common or other co-owners of interests article one, chapter eleven-a of this code. (2) see to a landowner, unless the lien holder is the ethe Well Site Safety Plan ("WSSP") to the substitute of the section 15 of this rule.	r tracts overlying the ad disturbance as) The coal owner, underlain by one or oped by the proposed abandonment of any to the applicant to pad which is used to ithin which the s described in the Notwithstanding any landowner. W. Va.
Ø A	pplication Notice	☑ WSSP Notice ☑ E&	:S Plan Notice 🗆 V	Well Plat Notice is hereby provided to:	
	JRFACE OWNER(COAL OWNER OR LESSEE	
Nam	ıe:		_ Nar	ne:	_
Add	ress:		_ Add	dress:	
Nam			- <u> C</u>	OAL OPERATOR	
			-	ne:	
			- Ade	dress:	_
o St	JRFACE OWNER(s) (Road and/or Other Di	sturbance)		<u> </u>
Nam	ie:	-	☑S	URFACE OWNER OF WATER WELL	
Add	ress:		AN	D/OR WATER PURVEYOR(s)	1
			Not	me: William Marich	_ /
Nam	ie:		Add	dress: Po Box 552	_
Add	ress:		Man	, WV 25635	
			_	PERATOR OF ANY NATURAL GAS STO	ORAGE FIELD
o SU	JRFACE OWNER	s) (Impoundments or Pits) Nar	me:	_
			_ Ado	iress:	CEIVED
Add	ress:		<u> </u>		Chand Gas
			*Pl	dress: case attach additional forms if necessary and a	t Oll and San

APR 0 5 2017

API NO. 47	95-	02445	
OPERATOR WELL NO. Curly 1			
Well Pad Nar	ne: Curly	Pad	

Notice Time Requirement: notice shall be provided no later t	han the filing date of permit application.				
Date of Notice: 3-31-2017 Date Permit Application Filed: 3-Notice of:	31-2017				
 ✓ 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 ☑ MET	HOD OF DELIVERY THAT REQUIRES A				
_ :::::::::::::::::::::::::::::::::::::	EIPT OR SIGNATURE CONFIRMATION				
registered mail or by any method of delivery that requires a receip sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be lot oil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted purs operator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or well work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within or provide water for consumption by humans or domestic animals; at proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the application of this article to the contrary, notice to a lien holder is no Code R. § 35-8-5.7. a requires, in part, that the operator shall also water purveyor or surface owner subject to notice and water testing	· ·				
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice					
☐ SURFACE OWNER(s)	COAL OWNER OR LESSEE				
Name: Anthony Matthew Goffi Irrevocable Trust	Name:				
Address: 745 Lynn Portal Rd Washington, PA 15301	Address:				
Name:	□ COAL OPERATOR				
Address:	NTone				
11ddi 655.	Address:				
□ SURFACE OWNER(s) (Road and/or Other Disturbance)					
Name:	☑ SURFACE OWNER OF WATER WELL				
Address:	AND/OR WATER PURVEYOR(s)				
	Name: Anthony Matthew Goffi Irrevocable Trust				
Name:	Address: 745 Lynn Portal Rd Washington, PA 15301				
Address:	Washington, PA 15301				
CURRACE OVERTER () (I	OPERATOR OF ANY NATURAL GAS STORAGE FIELD				
SURFACE OWNER(s) (Impoundments or Pits)	Name:				
Name:	Address:				
Address:	*Please attach additional forms if necessary)				
	*Please attach additional forms if necessary in and Gas				
	antment of				
	WV Departiprojection				
	WV Department of Environmental Protection				
	Elinio				

WW-6A (9-13)

API NO. 47- 95 - 02	445
OPERATOR WELL NO.	
Well Pad Name: Curly Pad	

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

Noti	ice Time Requirem	ent: notice shall be provide	d no later than	the filing date of permit application.	
	e of Notice: 3-31-2017 ice of:	_ Date Permit Application	on Filed: 3-31-20	2017	
✓	PERMIT FOR AN WELL WORK			ROVAL FOR THE N IMPOUNDMENT OR PIT	
Deli	very method pursu	ant to West Virginia Code	e § 22-6A-10(b)	
	PERSONAL		✓ METHC	DD OF DELIVERY THAT REQUIRES A	
	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION	
the soil and description operation o	urface of the tract on nd gas leasehold bein ribed in the erosion a ator or lessee, in the of e coal seams; (4) The work, if the surface to undment or pit as de a water well, spring ide water for consum osed well work active ection (b) of this sect rds of the sheriff requision of this article to e R. § 35-8-5.7.a req	which the well is or is proposed developed by the proposed and sediment control plan subsevent the tract of land on whitowhere of record of the surfaract is to be used for the place scribed in section nine of this or water supply source locate aption by humans or domestic ity is to take place. (c)(1) If not in hold interests in the landwired to be maintained pursuate the contrary, notice to a lien uires, in part, that the operator	osed to be located well work, if to mitted pursuantich the well properties article; (5) And within one the canimals; and (nore than three is, the applicanticant to section eight holder is not nor shall also properties.	e well plat to each of the following persons: (1) The owners of recorded; (2) The owners of record of the surface tract or tracts overlying the surface tract is to be used for roads or other land disturbance as at to subsection (c), section seven of this article; (3) The coal owner, oposed to be drilled is located [sic] is known to be underlain by one of this overlying the oil and gas leasehold being developed by the propose action, enlargement, alteration, repair, removal or abandonment of any my surface owner or water purveyor who is known to the applicant to housand five hundred feet of the center of the well pad which is used (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in may serve the documents required upon the person described in the ight, article one, chapter eleven-a of this code. (2) Notwithstanding an actice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and are provided in section 15 of this rule.	e e c c c c c c c c c c c c c c c c c c
Ø A	pplication Notice	☑ WSSP Notice ☑ E&S	Plan Notice	□ Well Plat Notice is hereby provided to:	
	JRFACE OWNER(COAL OWNER OR LESSEE	
				Name:Address:	
Nam	ne:			□ COAL OPERATOR Name:	
o SU	JRFACE OWNER(s	s) (Road and/or Other Distu	rbance)	Address:	
Nam Add	ress:			SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Denny & Sheila Palmer	
Nam	ie:			Address: 47 Woody Lea Wilson Ln.	
Add	ress:			Fairmont, WV 26554	
Nam	ie:	s) (Impoundments or Pits)	•	Please attach additional forms if necessary 0 5 2017	
Add:	ress:			*Please attach additional forms if necessary 0 5-20\7	

API NO. 47- 95 -	02445
OPERATOR WELL 1	VO. Curly 1
Well Pad Name: Curty	Pad

Date of Notice: 3-31-2017 Notice of: PERMIT FOR ANY	Noti	ce Time Requirem	ent: notice shall be provided no later the	nan the filing date of permit application.	
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 that or evoins 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 more coal seams; (4) The owners of record of the surface tract critics 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 surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of 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 evented water such as a sur			Date Permit Application Filed: 3-3	11-2017	
□ 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 resoins 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 which the tract of land on which the well proposed 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 cowners of record of 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 cowners of record of the surface tract is to be directly an experiment 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 abrabance of the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandoment 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 storegied within which the proposed well work a	7				
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 lesses, in the event the tract of land on which the well proposed to be drilled is located [sic] to located [sic] to located [sic] to located [sic] to solated [sic] to located [sic] to located [sic] to solated [Deli	very method pursu	ıant to West Virginia Code § 22-6A-1	0(b)	
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 cowners 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 off the surface 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; (3) Any surface owner or water purveyon bis 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 this excited in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person 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. (c) Notwithstanding any provision of thi		PERSONAL	✓ REGISTERED ✓ METI	HOD OF DELIVERY THAT REQUIRES 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 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 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 own		SERVICE	MAIL RECI	EIPT OR SIGNATURE CONFIRMATION	
□ SURFACE OWNER(s) Name: Address: Name: Address: Name: Name: Address: □ COAL OWNER OR LESSEE Name: Address: □ COAL OPERATOR Name: Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: □ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name:	sedir the s oil ardescriptor more well important have proviproposubse recor provi Code	ment control plan requirace of the tract on and gas leasehold being ribed in the erosion at actor or lessee, in the ecoal seams; (4) The work, if the surface to bundment or pit as de a water well, spring ide water for consumosed well work activection (b) of this sector of the sheriff requision of this article to e. R. § 35-8-5.7.a requirace of the sheriff requision of this article to the sheriff requision of this article to the sheriff requision of the sherif	quired by section seven of this article, and a which the well is or is proposed to be long developed by the proposed well work, and sediment control plan submitted pursu- event the tract of land on which the well per event the tract of land on which the well per event to be used for the placement, consecutive is to be used for the placement, consecutive in section nine of this article; (5) or water supply source located within on- aption by humans or domestic animals; and tity is to take place. (c)(1) If more than the tion hold interests in the lands, the applica- tive to be maintained pursuant to section to the contrary, notice to a lien holder is no quires, in part, that the operator shall also	the well plat to each of the following persons: (1) The cated; (2) The owners of record of the surface tract or if the surface tract is to be used for roads or other land lant to subsection (c), section seven of this article; (3) proposed to be drilled is located [sic] is known to be uracts overlying the oil and gas leasehold being develop truction, enlargement, alteration, repair, removal or ab Any surface owner or water purveyor who is known to thousand five hundred feet of the center of the well part (6) The operator of any natural gas storage field with the tenants in common or other co-owners of interests and may serve the documents required upon the person the eight, article one, chapter eleven-a of this code. (2) Not notice to a landowner, unless the lien holder is the laprovide the Well Site Safety Plan ("WSSP") to the sur	owners of record of tracts overlying the disturbance as The coal owner, inderlain by one or sed by the proposed andonment of any of the applicant to sad which is used to an which the described in described in the otwithstanding any andowner. W. Va.
Name: Address: Name: Address: Name: Address: D COAL OPERATOR Name: Address: SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address: D SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Eric & Wendy Westbrook Address: Middlebourne , WV 26149 D OPERATOR OF ANY NATURAL GAS SKORAGE FIELD Name: Name: Address: OFFICE OF ANY NATURAL GAS SKORAGE FIELD Name: Address: OFFICE OF ANY NATURAL GAS SKORAGE FIELD Name: Address: OFFICE OFFICE OFFIELD	Ø A	pplication Notice	☑ WSSP Notice ☑ E&S Plan Notic	e □ Well Plat Notice is hereby provided to:	
Address: Address: COAL OPERATOR Address: Name: Address: D SURFACE OWNER(s) (Road and/or Other Disturbance) Name: SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Address: Middlebourne , WV 26149 D SURFACE OWNER(s) (Impoundments or Pits) Name: OPERATOR OF ANY NATURAL GAS SINGRAGE FIELD Name: Address: Office Of Other Disturbance)					
Name:	Nam Add	ne: ress:		Address:	-
□ SURFACE OWNER(s) (Road and/or Other Disturbance) Name:	Nam	ıe:		□ COAL OPERATOR Name:	_
AND/OR WATER PURVEYOR(s) Name:					_ _ ,
Name:	Nam Add	ress:		AND/OR WATER PURVEYOR(s)	
Address:	Nam	ie:			- -
SURFACE OWNER(s) (Impoundments or Pits) Name:	Add	ress:		Middlebourne , WV 26149	The eigh
Address: *Please attach additional forms if necessary 0 5 2017				Name:Address:	Hade field Had Gas
1 ?!	Add	ress:		*Please attach additional forms if necessary 0 5	- 2 017

WW-6A (9-13)

API NO. 47- 95 - 0	2445
OPERATOR WELL NO.	Curly 1
Well Pad Name: Curty Pad	

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

Notice	e 11me Kequireme	nt: notice shall be provide	ed no later tha	an the filing date of permit application.
Date o		Date Permit Application	on Filed: 3-31	-2017
	PERMIT FOR ANY WELL WORK			PROVAL FOR THE AN IMPOUNDMENT OR PIT
Delive	ery method pursua	nt to West Virginia Cod	e § 22-6A-1((b)
	PERSONAL SERVICE	REGISTERED MAIL		OD OF DELIVERY THAT REQUIRES A IPT OR SIGNATURE CONFIRMATION
certific registe sedime the sur oil and descril operat more c well w impou have a provid propos subsec record provis Code I water	cate of approval for the cred mail or by any ment control plan requirace of the tract on wall gas leasehold being bed in the erosion and or or lessee, in the export of the surface transment or pit as described as water well, spring or lewater for consump sed well work activities of the sheriff requiration of this article to the R. § 35-8-5.7.a requirace of the sheriff consumpurveyor or surface of the sh	the construction of an impose that delivery that required by section seven of this which the well is or is proposed developed by the proposed developed by the proposed dediment control plan subvent the tract of land on whowever of record of the surfact is to be used for the placet in the land in the placet in the land the contrary, notice to a lier ires, in part, that the operator where subject to notice and	undment or pi ires a receipt of a article, and to be sed to be loc- di well work, it omitted pursua- ich the well pro- ace tract or tra- cement, consti- s article; (5) A- ed within one c animals; and nore than three s, the applican ant to section of holder is not or shall also p water testing	e of the application, the applicant for a permit for any well work or for a it as required by this article shall deliver, by personal service or by or signature confirmation, copies of the application, the erosion and 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 fact the surface tract is to be used for roads or other land disturbance as and 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 a (6) 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.
	- RFACE OWNER(s)			COAL OWNER OR LESSEE
Name				Name:
Addre				Address:
Name	<u> </u>			COAL OPERATOR
Addre	ess:			Name:
				Address:
	, .	(Road and/or Other Distu	irbance)	SURFACE OWNER OF WATER WELL
Name	:			AND/OR WATER PURVEYOR(s)
Addic				Name: Ryan & Melinda Walton
Name				Address: 42 Gorrells Run Road
Addre	ess:			Middlebourne , WV 26149
				Name: Office of Oil and Gas Address: Office of Oil and
	` '	(Impoundments or Pits)		Name: Fire Grand Gas
Name				Address: Office of Office
Addre	ess:			*Please attach additional forms if necessary 5 7017
	<u>-</u>			*Please attach additional forms if negessary 5 2017

API NO. 47- 95	02445	
OPERATOR WELL NO. Curly 1		
Well Pad Name: Cur	ly Pad	

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.			
Date of Notice: 3-31-2017 Date Permit Application Filed: 3-3 Notice of:	1-2017		
PERMIT FOR ANY WELL WORK CONSTRUCTION OF	PROVAL FOR THE AN IMPOUNDMENT OR PIT		
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)		
☐ PERSONAL ☑ REGISTERED ☑ METE	HOD OF DELIVERY THAT REQUIRES A		
	EIPT OR SIGNATURE CONFIRMATION		
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			
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☐ SURFACE OWNER(s)	e □ Well Plat Notice is hereby provided to: □ COAL OWNER OR LESSEE		
Name:	Name:Address:		
Address:			
Name:Address:	□ COAL OPERATOR Name:		
	Address:		
□ SURFACE OWNER(s) (Road and/or Other Disturbance) Name: Address:	SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: James Fallucco		
Name:	Address: Po Box 433		
Address:	Middlebourne ,WV 26149 OPERATOR OF ANY NATURAL GAS STORAGE FIELD		
□ SURFACE OWNER(s) (Impoundments or Pits)			
Name: Address:	Name:Address:		
	APR 0 5 2011 WV Department of Environmental Protection		

API NO. 47- 95 - 0244	5
OPERATOR WELL NO. Curly	
Well Pad Name: Curly Pad	

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 3-31-2017 Date Permit Application Filed: 3-31-2017 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: Name: □ COAL OPERATOR Address: Name: Address: ☐ SURFACE OWNER(s) (Road and/or Other Disturbance) Name: SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Address: Name: Seigel & Carolyn White Address: 203 Klondike Acres Road Name: Middlebourne, WV 26149 Address: □ OPERATOR OF ANY NATURAL GAS STORAGE FIELD □ SURFACE OWNER(s) (Impoundments or Pits) Name: Address: Figure Gas

*Please attach additional for fish necessary Name: Address: APR 0 5 2017

APR 0 5 2017

W/V Department of Environmental Protection

API NO. 47 C	15 - 0	2445
OPERATOR W	ELL NO	Curly 1
Well Pad Name	: Curly Pad	

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.		
Date of Notice: 3-31-2017 Date Permit Application Filed: 3- Notice of:	31-2017	
PERMIT FOR ANY WELL WORK CONSTRUCTION OF	PPROVAL FOR THE F AN IMPOUNDMENT OR PIT	
Delivery method pursuant to West Virginia Code § 22-6A-	10(b)	
	HOD OF DELIVERY THAT REQUIRES A EIPT OR SIGNATURE CONFIRMATION	
registered mail or by any method of delivery that requires a receip sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be local and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursupperator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or well work, if the surface tract is to be used for the placement, commoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within or provide water for consumption by humans or domestic animals; a proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the application of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not compared to the contrary of the subsection of the surface owner subject to notice and water testing water purveyor or surface owner subject to notice and water testing the surface of the surface of the surface of the surface owner subject to notice and water testing water purveyor or surface owner subject to notice and water testing the surface of the		
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ SURFACE OWNER(s)	ee □ Well Plat Notice is hereby provided to: □ COAL OWNER OR LESSEE	
Name:	Name:	
Address:	Address:	
Name:Address:	□ COAL OPERATOR Name:	
SURFACE OWNER(s) (Road and/or Other Disturbance)	Address:	
Name:	SURFACE OWNER OF WATER WELL	
Address:	AND/OR WATER PURVEYOR(s)	
	Name: Timothy & Jasmine Kanz	
Name:	Address: 235 Virginia Street	
Address:	New Martinsville , WV 26155	
SURFACE OWNER(s) (Impoundments or Pits)	OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: CECETOR GENERAL Office of Oil and Gas	
Name:	Address: of Cil and Gas	
Address:		
	*Please attach additional forms if necessary APR 0 5 2017	

WW-6A (9-13) API NO. 47- 95 - 02445

OPERATOR WELL NO. Curty 1

Well Pad Name: Curty 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: 3-31-2017 Date Permit Application Filed: 3-31-2017 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: Name: □ COAL OPERATOR Address: Name: _____ Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Address: Name: Michael & Melinda Hogue Address: Po Box 239 Name: _____ Middlebourne, WV 26149 Address: OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: _______ Office Ci Oil and Gas

Address: ______ Office Ci Oil □ SURFACE OWNER(s) (Impoundments or Pits) Name: Address: *Please attach additional forms if necessary 7 5 2017

API NO. 47- <u>95</u> -	<u>62445</u>
OPERATOR WELL NO	Curly 1
Well Pad Name: Curty Pa	d

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.			
	e of Notice: 3-31-201	Date Permit Applicat	ion Filed: 3-31-2017
Ø	PERMIT FOR AN		CATE OF APPROVAL FOR THE UCTION OF AN IMPOUNDMENT OR PIT
Deli	very method pursi	ıant to West Virginia Co	de § 22-6A-10(b)
	PERSONAL	✓ REGISTERED	✓ METHOD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
sedin the so oil at description open more well important provents of the second provents of	ment control plan recourface of the tract or and gas leasehold being ribed in the erosion at ator or lessee, in the ecoal seams; (4) The work, if the surface bundment or pit as do a water well, spring ide water for consumptions of this seconds of the sheriff requision of this article to the R. § 35-8-5.7.a recountral recountral plants.	quired by section seven of the which the well is or is proposed and sediment control plan seven the tract of land on we cover so frecord of the surfact is to be used for the place or water supply source local put in the land in the land in the land in the land in the contrary, notice to a liquires, in part, that the operation is proposed in section section in the land in the	uires a receipt or signature confirmation, copies of the application, the erosion and his article, and the well plat to each of the following persons: (1) The owners of record of cosed to be located; (2) The owners of record of the surface tract or tracts overlying the ed well work, if the surface tract is to be used for roads or other land disturbance as abmitted pursuant to subsection (c), section seven of this article; (3) The coal owner, which the well proposed to be drilled is located [sic] is known to be underlain by one or face tract or tracts overlying the oil and gas leasehold being developed by the proposed accement, construction, enlargement, alteration, repair, removal or abandonment of any his article; (5) Any surface owner or water purveyor who is known to the applicant to atted within one thousand five hundred feet of the center of the well pad which is used to ic animals; and (6) The operator of any natural gas storage field within which the more than three tenants in common or other co-owners of interests described in ds, the applicant may serve the documents required upon the person described in the lant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any an holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. stor shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any d water 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:
	JRFACE OWNER(COAL OWNER OR LESSEE
Nam Add			Name:Address:
Nam	ne:		COAL OPERATOR Name: Address:
□ SU	JRFACE OWNER(s) (Road and/or Other Dis	turbance)
Nam	ne:		SURFACE OWNER OF WATER WELL
Add	ress:		AND/OR WATER PURVEYOR(s) Name: Leon & Drema Ison Life Estate
Nam	na•		
Add	ress:		Julian , WV 25529
		s) (Impoundments or Pits)	
Add	ress:		
			*Please attach additional forms if necessary 0 5 2017

WW-6A (9-13)

API NO. 47- 95 - 0	2445
OPERATOR WELL NO.	Curly 1
Well Pad Name: Curty Pad	

Notice Time Requirement: notice	Notice Time Requirement: notice shall be provided no later than the filing date of permit application.		
Date of Notice: 3-31-2017 Date Per Notice of:	ermit Application File	ed: 3-31-2017	
PERMIT FOR ANY WELL WORK		OF APPROVAL FOR THE N OF AN IMPOUNDMENT OR PIT	
Delivery method pursuant to Wes	st Virginia Code § 22	-6A-10(b)	
☐ PERSONAL ☑ REG	HISTERED 🔽	METHOD OF DELIVERY THAT REQUIRES A	
SERVICE MAI		RECEIPT OR SIGNATURE CONFIRMATION	
registered mail or by any method of desediment control plan required by sect the surface of the tract on which the voil and gas leasehold being developed described in the erosion and sedimen operator or lessee, in the event the tramore coal seams; (4) The owners of rewell work, if the surface tract is to be impoundment or pit as described in shave a water well, spring or water supprovide water for consumption by huproposed well work activity is to take subsection (b) of this section hold intrecords of the sheriff required to be no provision of this article to the contrare Code R. § 35-8-5.7.a requires, in part water purveyor or surface owner subjection.	delivery that requires a rection seven of this article well is or is proposed to do by the proposed well was control plan submitted act of land on which the record of the surface trace used for the placement section nine of this article pply source located with mans or domestic animals e place. (c)(1) If more that terests in the lands, the amaintained pursuant to say, notice to a lien holdert, that the operator shall ject to notice and water	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 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 ct or tracts overlying the oil and gas leasehold being developed by the proposed, construction, enlargement, alteration, repair, removal or abandonment of any e; (5) Any surface owner or water purveyor who is known to the applicant to ain 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 an 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.	
	Notice DE&S Plan 1	Notice □ Well Plat Notice is hereby provided to:	
SURFACE OWNER(s)		COAL OWNER OR LESSEE	
Name:Address:		Name:Address:	
Name:Address:		□ COAL OPERATOR Name:	
Address.		Address:	
□ SURFACE OWNER(s) (Road an	nd/or Other Disturbance		
Name:		☐ SURFACE OWNER OF WATER WELL	
Address:		AND/OR WATER PURVEYOR(s)	
Nama		Name: Camille Patera Address: 1403 Garfield Ave	
Name:Address:		Brunswick , Ohio 44212	
		OPERATOR OF ANY NATURAL GAS STORAGE FIELD	
□ SURFACE OWNER(s) (Impound	dments or Pits)	Name:	
Name:		Address: F.Eury and Gas	
Address:		*Please attach additional forms if hecessary APR 0 5 2017	
_		APR 0 5 2017	
		Ai ii •	
		WV Department of Environmental Protection	

API NO. 47- 95 -	02445
OPERATOR WELL NO	
Well Pad Name: Curty Pag	j

inotice Time Requirement: notice shall be provided no later that	an the thing date of permit application.
Date of Notice: 3-31-2017 Date Permit Application Filed: 3-31 Notice of:	-2017
PERMIT FOR ANY WELL WORK CONSTRUCTION OF A	PROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10	(b)
	OD OF DELIVERY THAT REQUIRES A IPT OR SIGNATURE CONFIRMATION
sediment control plan required by section seven of this article, and the surface of the tract on which the well is or is proposed to be located and gas leasehold being developed by the proposed well work, if described in the erosion and sediment control plan submitted pursual operator or lessee, in the event the tract of land on which the well pursual operator or lessee, in the event the tract of land on which the well pursual operator or lessee, in the event the tract of the surface tract or trace well work, if the surface tract is to be used for the placement, construction on the placement or pit as described in section nine of this article; (5) A have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section of provision of this article to the contrary, notice to a lien holder is not Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide water purveyor or surface owner subject to notice and water testing. Application Notice WSSP Notice E&S Plan Notice	or signature confirmation, copies of the application, the erosion and 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, proposed 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 defend the operator of any natural gas storage field within which the elements in common or other co-owners of interests described in the may serve the documents required upon the person 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.
SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name:Address:	Name:Address:
Name:Address:	□ COAL OPERATOR Name:
	Address:
□ SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name:	SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Address:	Name: Darrell Shrader
Name:	Address: Po Box 391
Address:	Middlebourne , WV 26149
SURFACE OWNER(s) (Impoundments or Pits)	Middlebourne, WV 26149 OPERATOR OF ANY NATURAL CASSTORAGE FIELDS Name: Address: Office of Oil All Office of Oil Oil Office of Oil
Name:	Address: Office St CA
Address:	NPR 0 5 2011
	*Please attach additional forms if necessary PR 0 5 2017 *Please attach additional forms if necessary PR 0 5 2017 WV Department of Environmental Protection
	Environmental

API NO. 47-95 - 02	445
OPERATOR WELL NO.	
Well Pad Name: Curty Pad	

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.		
Date of Notice: 3-31-2017 Date Permit Application Filed: 3-31-Notice of:	-2017	
PERMIT FOR ANY WELL WORK CONSTRUCTION OF A	PROVAL FOR THE AN IMPOUNDMENT OR PIT	
Delivery method pursuant to West Virginia Code § 22-6A-10(b)		
	OD OF DELIVERY THAT REQUIRES A PT 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 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 d		
SURFACE OWNER(s) Name:	COAL OWNER OR LESSEE Name:	
Address:	Address:	
Name:Address:	COAL OPERATOR Name: Address:	
□ SURFACE OWNER(s) (Road and/or Other Disturbance)	☑ SURFACE OWNER OF WATER WELL	
Name: Address:	AND/OR WATER PURVEYOR(s)	
Name:	Address: 5496 Klondike Rd Middlebourne WV 26149	
□ SURFACE OWNER(s) (Impoundments or Pits)	Address: 5496 Klondike Rd Middlebourne, WV 26149 □ OPERATOR OF ANY NATURAL GAS FTORAGE FLED S Name: Address: Office of Cit and *Please attach additional forms if necessary APR 0 5 2017	
Name: Address:	Address: 5 2017	
	*Please attach additional forms if necessary APR v service of WV Department of Environmental Protection	

API NO. 47- 95 - 0 7445		
OPERATOR WELL NO. Curly 1		
Well Pad Name: Curty Pad		

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.		
	e of Notice: 3-31-2017 Date Permit Application ce of:	Filed: 3-31-2017
V		TE OF APPROVAL FOR THE TION OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant to West Virginia Code {	§ 22-6A-10(b)
	PERSONAL	METHOD OF DELIVERY THAT REQUIRES A 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 serv		
□ SU	JRFACE OWNER(s)	☐ COAL OWNER OR LESSEE
Nam	e:	Name:
Add	ress:	Address:
Nam	e:	COAL OPERATOR
	ress:	Name:
		Address:
	JRFACE OWNER(s) (Road and/or Other Disturb	
Nam	e:	☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Add	ress:	Name: Preston & Karen Peek
Nam	e:	Address: 222 Klondike Acres
Add	ress:	Middlebourne, WV 26149
		OPERATOR OF ANY NATURAL GAS STORAGE FIELD
	JRFACE OWNER(s) (Impoundments or Pits)	OPERATOR OF ANY NATURAL GAS STORAGE FIELD Name: Address:
Nam	e:	Address:
Add	ress:	*Please attach additional forms if necessary
		ricase attach additional forms if necessary
		nut Departmention
		www.amental Pions
		*Please attach additional forms if necessary WV Department of Environmental Protection

WW-6A (9-13)

API NO. 47-95 - 02	445
OPERATOR WELL NO.	
Well Pad Name: Curty 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: 3-22-2017 Date Permit Application Filed: 3-22-2 Notice of:	017
✓ PERMIT FOR ANYWELL WORK✓ CERTIFICATE OF APPRCONSTRUCTION OF A	ROVAL FOR THE N IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10(b)
☐ PERSONAL ☑ REGISTERED ☑ METHO	DD OF DELIVERY THAT REQUIRES A
— — — — — — — — — — — — — — — — — — —	PT OR SIGNATURE CONFIRMATION
the surface of the tract on which the well is or is proposed to be located by the proposed well work, if the described in the erosion and sediment control plan submitted pursuant operator or lessee, in the event the tract of land on which the well promore coal seams; (4) The owners of record of the surface tract or trace well work, if the surface tract is to be used for the placement, constructing the proposed well, spring or water supply source located within one the provide water for consumption by humans or domestic animals; and operated well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section eignovision of this article to the contrary, notice to a lien holder is not a	e well plat to each of the following persons: (1) The owners of record of ed; (2) The owners of record of the surface tract or tracts overlying the the surface tract is to be used for roads or other land disturbance as at to subsection (c), section seven of this article; (3) The coal owner, posed to be drilled is located [sic] is known to be underlain by one or the overlying the oil and gas leasehold being developed by the proposed action, enlargement, alteration, repair, removal or abandonment of any my 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 (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in may serve the documents required upon the person described in the ght, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and any
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	□ Well Plat Notice is hereby provided to:
	COAL OWNER OR LESSEE
Name: Jay-Bee Production Company	Name:
	Address:
Cairo, WV 26337	
	□ COAL OPERATOR
Address:	Name:
□ SURFACE OWNER(s) (Road and/or Other Disturbance)	Address:
	SURFACE OWNER OF WATER WELL
	
	AND/OR WATER PURVEYOR(s)
	Name: Jay-Bee Production Company
Name:	Address: 3570 Shields Hill Rfd
A dd=oose	Cairo, WV 26337
	□ OPERATOR OF ANY NATURAL GAS STORAGE RIELD
□ SURFACE OWNER(s) (Impoundments or Pits)	Name: nid Gas
Name:	OPERATOR OF ANY NATURAL GAS STORAGE RIELD Name:
Address:	= 2017
	*Please attach additional forms if necessary APR 0 5 2017

WV Department of Environmental Protection

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

Well Location Restrictions

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

WV Department of Environmental Profession

WW-6A	
(8-13)	

API NO. 47- 95	02445
OPERATOR WELL	
Well Pad Name: Cur	lv

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

Charleston, WV 25304
(304) 926-0450

Such persons may request, at the time of submitting written comments, notice of the permit decision that of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

ADR 0 5 2017

WV Department of Environmental Protection WW-6A (8-13) API NO. 47- 95 - 02445
OPERATOR WELL NO. Curly 1
Well Pad Name: Curly

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.

WW-6A (8-13)

API NO. 47- 95 - 02445 OPERATOR WELL NO. Curly 1 Well Pad Name: Curly

Notice is hereby given by:

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

Telephone: 304-628-3111

Email: sdowell@jaybeeoil.com

Address: 3570 Shields Hill Rd.

Cairo, WV 26337

Facsimile: 304-628-3119

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Official 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 31 st day of March, 2017

Notary Public

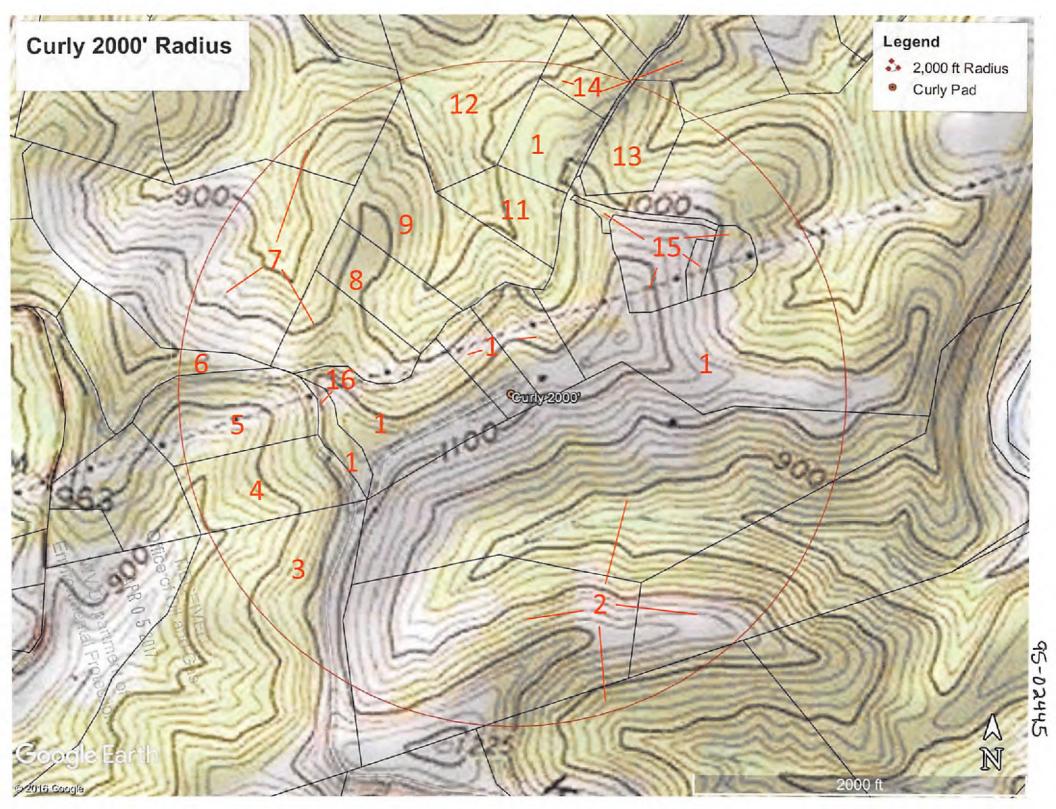
My Commission Expires

Office of Oil and Gas APR 0 5 2017 WV Department of Environmental Protection WW-70 Rev. 7/01

Affidavit of Personal Service

State Of West Virginia
County Of Ritchie
The undersigned, being first duly sworn, says that the undersigned served a true a complete copy of all sides of
(1) Notice on Form WW-2(A) X / WW-3(A) / WW-4(A) / WW-5(A) / WW-6(A)X WSS(3) Plat showing the well location on Form WW-6, and x WW-6(B) X E&S (4) Construction and Reclamation Plan on Form WW-9 WW-6A5 MSD
District, Tyler County, West Virginia, upon the person or organization named
2) WELLVELLING THE SAME IN Ditable
on the 22 day of March , 20 17 in the manner specified below.
[COMPLETE THE APPROPRIATE SECTION]
For an individual:
[] Handing it to him / her / or, because he / she / refused to take it who offered it, by leaving it in his / her / presence.
[] Handing it to a member of his or her family above the age of 16 years named who resides at the usual place of abode of the person to be served, and asking the family member to give it to the
served, and asking the family member to give it to the person to be possible.
For a partnership: [] Handing it to
because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.
For a limited partnership:
[] Handing it to the general partner, named because the general partner, named
because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.
For a corporation:
[X] Handing it to the corporation's employee X / officer / director / attorney in fact / named Teresa Hall
· In the
(Signature of person executing service)
Taken, subscribed and sworn before me this 22 day of March 20/7.
< D 5 200
Notary Public
(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)
TOTALIZED COTSIDE THE STATE)
ann.





Curly Topo Water Well Reference

Reference	Map	Parcel	First	Surname	Address	City	State	Zip
1	26	19.9, 46, 46.16	Jay-Bee Production (Company	3570 SHIELDS HILL RD	CAIRO	WV	26337
2	26	44, 45, 47, 49	Anthony Matthew G	offi Irrevocable Trust	745 LYNN PORTAL RD	WASHINGTON	PA	15301
3	26	26.1	William	Marich	PO BOX 552	MAN	wv	25635
4	26	19.4	Eric & Wendy	Westbrook	100 MAYFIELD ST	MIDDLEBOURNE	wv	26149
5	26	19.11	Denny & Sheila	Palmer	47 WOODY LEA WILSON LN	FAIRMONT	wv	26554
6	26	19.5	James	Fallucco	PO BOX 433	MIDDLEBOURNE	wv	26149
7	26	21, 22, 46.11	Ryan & Melinda	Walton	42 GORRELLS RUN RD	MIDDLEBOURNE	wv	26149
8	26	46.4	Timothy & Jasmine	Kanz	235 VIRGINIA ST	NEW MARTINSVILLE	wv	26155
9	26	46.5	Seigel & Carolyn	White	203 KLONDIKE ACRES RD	MIDDLEBOURNE	wv	26149
11	26	46.10	Leon & Drema	Ison Life Estate	192 BEVERLY LN	JULIAN	WV	25529
12	20	108	Michael & Melinda	Hogue	P.O. BOX 239	MIDDLEBOURNE	wv	26149
13	26	46.1	Darrell	Shrader	PO BOX 391	MIDDLEBOURNE	WV	26149
14	26	46.15, 46.7	Camille	Patera	1403 GARFIELD AVE	BRUNSWICK	ОН	44212
15	26	46.19, 46.20, 46.21, 46.8	Preston & Karen	Peek	222 KLONDIKE AC	MIDDLEBOURNE	wv	26149
16	26	p/o 19.9	Terry	Coleman	5496 KLONDIKE RD	MIDDLEBOURNE	WV	26149



WW-2B1

Well No. Curly 1	
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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	
Well operator's pr	rivate laboratory		
Well Operator	Jay-Bee Oil & Gas, INC		
Address	3570 Shields Hill Rd /	1720 Route 22 East	
	Cairo, WV 26337 / U	Jnion, NJ 07083	
Telephone	304-628-3111		
	Well operator's pr Well Operator Address	Well Operator's private laboratory Well Operator Jay-Bee Oil & Gas, INC Address 3570 Shields Hill Rd / Cairo, WV 26337 / Care	Well Operator's private laboratory Well Operator Jay-Bee Oil & Gas, INC Address 3570 Shields Hill Rd / 1720 Route 22 East Cairo, WV 26337 / Union, NJ 07083

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.

APR 0 5 2017

WV Department of Environmental Protection

Operator Well No. Out 1. Out 11. Out 2. Out 21

Monce I Bill	: requirement:	Notice chall be service		
·			ded at least SEVEN (7) days but no mor	e than FORTY-FIVE (45) days prior to
Date of Noti	ce: 02/21/2017	Date of Plan	ned Entry: 02/28/2017	
Delivery me	thed pursuant	to West Virginia Co	de § 22-6A-10a	
☐ PERSO	NAL 🔳	REGISTERED	☐ METHOD OF DELIVERY THA	T DECLIDER A
SERVIC		MAIL	RECEIPT OR SIGNATURE CON	I REQUIRES A JETRMATION
Pursuant to V	Vest Virginia Ca	do 8 22 64 106-) D.:		
but no more to beneath such owner of min- and Sediment Secretary, wh	han forty-five de tract that has fil erals underlying Control Manualich statement sh	ays prior to such entry ed a declaration pursu such tract in the count and the statutes and	ior to filing a permit application, the ope required pursuant to this article. Such no y to: (1) The surface owner of such tract; nant to section thirty-six, article six, chap nty tax records. The notice shall include rules related to oil and gas exploration a formation, including the address for a we	(2) to any owner or lessee of coal seams ter twenty-two of this code; and (3) any a statement that copies of the state Erosi
	by provided to		sooiciny.	
SURFAC	E OWNER(s)		☐ COAL OWNER OR	TEGGE
	M. Goffi irravocable Tr	ust	Mamaa	
Address: 745 L				
Washington , PA 16	301			
Name: Address:				/
		-	■ MINERAL OWNER	• •
Vame:			Name: Anthony M. Gotti Interocci Address: 745 Lynn Portal	ble Trust
Address:			Washington ,PA 15301	
	-		*please attach additional forms	f nacessurv
Notice is her	eby given: est Virginia Cod	e 8 22-6A-10/a) moti	ce is hereby given that the undersigned v	
tate:	the tract of lan West Virginia	id as follows:	Approx. Latitude & Longitud	e: 39.463739 x -80.696834
tate: County:	West Virginia	d as follows:		6: 39.463739 x -60.696834 Klandika Road
tate: County: District: Quadrangle:	Wast Virginia Tyler Elizavorth Middiabourne 7.5'	u as ionows:	Approx. Latitude & Longitud Public Road Access: Watershed: Generally used farm name:	E: 39.463739 x -60.696834 Klendike Roed Middle Istand Creek Jay Bee Production
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Operator Well No. Cuty 1 Cuty 10, Cuty 2 Cuty 23 .

Date of Me	tice: 02/21/2017		nned Entry: 02/28/2017	ays out no more u	han FORTY-FIVE (45) days prior to
Delivery n	ethod pursuant	to West Virginia C	ode § 22-6A-10a		
PERS SERV	ONAL ICE	REGISTERED. MAIL	☐ METHOD OF DE RECEIPT OR SIG	LIVERY THAT F	REQUIRES A
but no more beneath suc owner of mand Sedime Secretary, w	than forty-five d th tract that has fil inerals underlying nt Control Manua which statement sh	lays prior to such ent led a declaration puri 3 such tract in the co-	required pursuant to this a ry to: (1) The surface owns suant to section thirty-six, a unty tax records. The notic d rules related to oil and ga information, including the	rticle. Such notice a of such tract; (2) article six, chapter e shall include a s	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosic production may be obtained from the page on the Secretary's web site, to
Notice is he	reby provided to	0:			
Name:	ACE OWNER(s)		Name:	L OWNER OR LI	
Address:			■ MINE	RAL OWNER(s)	
Name:		A - Wild market and a second s		etop Capital ,LP & Ridge	
Address:			McMurray ,PA		
	an the treat of la-	nd se follower	Britan and and	minorarginen wet	l operator is planning entry to conduct
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Operator Well No. On Land III and 2 and 21

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☐ SURFA	CE OWNER(8)		П	AL OWNER OR LI	COCCE
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			Name;		
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Operator Well No. Cury 1. Cury 10. Cury 2. Cury 20

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Date of No	tice: 02/21/2017	Date of Plan	ned Entr	y: <u>02/28/20</u> 17		
Delivery m	ethod pursuan	t to West Virginia Co	ode § 22-6	5A-10a		
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County: District:	Tyler			Public Road	Access:	Nondike Road
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Email:	304-628-3111			B	Cairo, WV 26337	
Cibait,	sdowell@jaybesoil	/ADM		Facsimile:	804-626-3119	
The Office of duties. Your p	moly with state	cesses your personal in	n to other	State agencies	or third parties in reedom of Information out our use of the contract of the c	none number, as part of our regulatory relie hornal course of business or as sation. Act requests. Our office will personal information, please contact APR 0.5 APR
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ond y		, , , , , , , , , , , , , , , , , , ,	vided at least SEVEN (7) days but no mo	ore than FORTY-FIVE (45) days prior to
Date of No	tice: 02/21/2017	Date of Pla	nned Entry: 02/28/2017	
Delivery m	ethod pursuant	to West Virginia C	Code § 22-6A-10a	
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but no more beneath sucl owner of mi and Sedimer Secretary, w	than forty-five on tract that has finerals underlying the Control Manushich statement si	duct any plat survey; lays prior to such en led a declaration pur g such tract in the co al and the statutes an	s required pursuant to this article. Such n try to: (1) The surface owner of such trac suant to section thirty-six, article six, cha sunty tax records. The notice shall include ad rules related to oil and gas exploration information, including the address for a pre-	erator shall provide notice of planned entry ordice shall be provided at least seven days t; (2) to any owner or lessee of coal seams upter twenty-two of this code; and (3) any le a statement that copies of the state Erosion and production may be obtained from the web page on the Secretary's web site, to
Notice is her	reby provided t	o:		
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Notice is he Pursuant to V	Vest Virginia Co	de § 22-6A-10(a), no	otice is hereby given that the undersigned	well appropriate all propriate and the second second
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Operator Well No. 2004 1 Contra Contra Contra

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

	otice: 02/21/2017		vided at least SEVEN (7) days but no more than FORTY-FIVE (45) day	/s prior t
			nned Entry: 02/28/2017	
Delivery r	nethod pursuant	to West Virginia C	ode § 22-6A-10a	
		REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A	
SERV		MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
but no mon beneath suc owner of m and Sedime Secretary, v	e than forty-five d ch tract that has fil inerals underlying ont Control Manua which statement sh	ays prior to such ent ed a declaration pur such tract in the co I and the statutes an	Prior to filing a permit application, the operator shall provide notice of plast required pursuant to this article. Such notice shall be provided at least sury to: (1) The surface owner of such tract; (2) to any owner or lessee of a suant to section thirty-six, article six, chapter twenty-two of this code; an unty tax records. The notice shall include a statement that copies of the sid rules related to oil and gas exploration and production may be obtained information, including the address for a web page on the Secretary's web e secretary.	even day coal seam d (3) any state Eros
Notice is be	ereby provided to) :		
	ACE OWNER(s)		☐ COAL OWNER OR LESSEE	
Name:			Marian	
Address:			Address:	
Name:				
Address:			MINERAL OWNER(s)	
			Name: Janet Maple Dlang	
vame: Address:			Address: 408 SE. 17th Ava.	
		*	Cope Core: ,FL 33990 *please attach additional forms if necessary	
ursuant to 'plat survey	Of the fract of 181	le § 22-6A-10(a), no nd as follows:	ctice is hereby given that the undersigned well operator is planning entry	to condu
tate:	West Virginia			
ounty: district:	Tyler		Public Road Access: Klondike Road	
	Elisworth Middlebourne 7.5'		Watershed: Middle listend Creek	
			Generally used farm name: Jsy Boe Production	
harleston, V	WV 25304 (304-9	etary, at the WV De 26-0450). Copies o	Manual and the statutes and rules related to oil and gas exploration and pr partment of Environmental Protection headquarters, located at 601 57th S f such documents or additional information related to horizontal drilling a vv.gov/oil-and-gas/pages/default.aspx.	4 OF
otice is he	reby given by:			
ell Operato		inc.	Address: 3570 Shields Hill Rd.	
elephone:	304-628-3111		Ceiro, WV 28337	
nail:	niowell@sybesol.c	om	Facsimile: 304-628-S119	
il and Ga	Privacy Notice	. .		

T needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests Our office will appropriately secure your nersonal information. If you have any questions about the contraction of t needed to comply with statutory or regulatory requirements, including Freedom of information 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.

Environmental Protection

Operator Well No. (2014) 1. (2014) 111. (2014) 2. (2014) 211

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

	otice: 02/21/2017		rided at least SEVEN (7) days but no more t	nan FOR I Y-FIVE (45) days prior to
Delivery :	nethod pursuant	to West Virginia Co		
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but no mor beneath suc owner of m and Sedime Secretary, v	e than forty-five d ch tract that has fil inerals underlying ent Control Manua which statement sl	ays prior to such entricd a declaration purs	rior to filing a permit application, the operative required pursuant to this article. Such notice y to: (1) The surface owner of such tract; (2) usuant to section thirty-six, article six, chapter into tax records. The notice shall include a structure related to oil and gas exploration and afformation, including the address for a web preserved.	e shall be provided at least seven days) to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosi
Notice is h	ereby provided to):		
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Name:		and the second of the second o		
Address:			Name: Address:	
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			MINERAL OWNER(s)	
Vame:		The street of the street stree	Name: S.A Smith & C. Burke Monts Address: Po Box 669	Trust c/o J P Morgan Chase
Address:			Wichita Falls ,TX 78307	
			*please attach additional forms if no	cessary
ursuant to \	ereby given: West Virginia Cod on the tract of lar West Virginia Tyler Elisworth	e § 22-6A-10(a), noti d as follows:	Approx. Latitude & Longitude: Public Road Access: Watershed:	39.463739 x -60.696934 Klondike Road
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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. Out 1. Curt 11. Curt 2 Curt 20

	ne vedanemênt	: Notice shall be pro-	vided at least SEVEN (7) days but no more t	than FORTY-FIVE (45) days prior to
	otice: 02/21/2017		nned Entry: 02/28/2017	-	110 1 110 1 (10) 013 prior (0
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Delivery m	nethod pursuant	to West Virginia C	Code § 22-6A-10a		
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Address:				INERAL OWNER(s)	
			Name:		
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Address:				h , Chio 44281	The second secon
Pursuant to V	e reby given: Vest Virginia Cod	de & 22-64-10(a) no	ntine is hereby riven the	• • • • • • • • • • • • • • • • • • •	
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Operator Well No. Octo 1. Octo 10. Octo 2. Curly 20

Notic entry	e Time	Requirement	: Notice shall be provid	ded at least S	EVEN (7)	days but no more th	an FORTY-FIVE (45) days prior to
		ce: 02/21/2017	Date of Plant	ned Entry: _	2/28/2017	=	
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5	SERVIC		MAIL	RECE	IPT OR SIC	SNATURE CONFI	RMATION
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but no benear owner and Se Secret	more the more the more than th	nan forty-five direct that has file rals underlying Control Manualch statement si	duct any plat surveys r lays prior to such entry led a declaration pursu g such tract in the cour al and the statutes and	equired purs to: (1) The sant to section ty tax record rules related formation, in-	uant to this suiface own thirty-six, is. The noti	article. Such notice er of such tract; (2) article six, chapter ce shall include a s	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
Notice	is here	by provided to	0:				
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Name:							
	~					ERAL OWNER(8)	
Name:						nold Schulberg Oil & Gas T	
Addres	is:					18591 Sagarnore Bidgew	ву
						n , FL 33448 th additional forms if ne	V
Pursuar a plat si State: County	nt to We urvey or	1 tile iraci of la West Virginia Tylor	de § 22-6A-10(a), notice	A		nde & Longitude:	operator is planning entry to conduct 39.483739 x -80.696934 Klondiko Rosd
District		Elisworth			atershed:		Middle teland Creek
Quadra	ngle: _	Aiddlebourne 7.5°		G	enerally use	d farm name:	Jay Boc Production
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Email:					Facsimile:	Ceiro, WV 26337	
		scowell@jaybeecil.e	wiii		r ausimile;	304-628-9119	
The Offi	ice of O	opranie elloliii	cesses your personal in tion may be disclosed	to other St	ite agencies	or third parties in	hone number, as part of our regulatory a the normal course of business or as part of office will personal information, please contact
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Operator Well No. Oct 1 Comp 111 Contract 2 Contract 2

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ie:			Name: Margaret Conaway Torok	
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Operator Well No. Only 1. Only 10. Only 2. Only 20

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Operator Well No. Cush 1 Cush 10. Cush 2 Cush 20

Notice T	ime Requirement	: Notice shall be pro	ided at least SEVEN (7) days but no more t	han FORTY-FIVE (45) days prior to
ond,	lotice: 02/21/2017		ned Entry: 02/28/2017	(v) any prior to
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			San Antonio , TX 78247 *please attach additional forms if n	
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	: Middlebourne 7.5'		Watershed: Generally used farm name:	Middle Island Creek
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Operator Well No. Cont 1 Cont 111 Cont 2 Cont 21

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Pursuant to We a plat survey or State: County: District; Quadrangle: Copies of the st may be obtained Charleston, WV obtained from the State of Charleston; Notice is here well Operator; Telephone:	est Virginia Code n the tract of lar Wast Virginia Tyler Elisworth Middlebourne 7.5° late Erosion and d from the Secre 7 25304 (304-9 he Secretary by eby given by:isy-Boo Oil & Geo. 1 304-628-3111	d Sediment Control (etary, at the WV December visiting www.dep.v	Appropriate is hereby give Appropriate Public Water Gener Manual and the state partment of Environ f such documents of wv.gov/oil-and-gas. Add	en that the ox. Latitude c Road Ac rshed: rally used stutes and a commental if or addition s/pages/def	undersigned welle & Longitude: cess: farm name: rules related to or Protection headqual information re ault.aspx.	S9.463739 x Klondike Ro Middle Island Jay Bee Proc iii and gas o	-80.896834 ad d Creek duction exploration	and production
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Operator Well No. Cart 1. Carty 10, Carty 2, Carty 21

entry	o redan enten	· Morree Stratt De	provided at i	east SEVEN (7)	days but no more ti	nan FORTY-FIVE (45) days prior to
	tice: 02/21/2017	Date of	Planned En	try: 02/28/2017		-
Delivery m	ethod pursuant	to West Virgini	la Code § 22	-6A-10a		
☐ PERSO SERVI		REGISTERED MAIL		METHOD OF DI	ELIVERY THAT F	REQUIRES A RMATION
but no more beneath sucl owner of mi and Sedimer Secretary, w enable the su	than forty-five on than forty-five on tract that has finerals underlying the Control Manushich statement surface owner to out	duct any plat sur days prior to such iled a declaration g such tract in the al and the statute shall include cont obtain copies from	veys required a entry to: (1) pursuant to a county tax a sand rules react information.	t pursuant to this The surface own section thirty-six, records. The not slated to oil and g	article. Such notice ter of such tract; (2) article six, chapter ice shall include a say exploration and	or shall provide notice of planned entry eshall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
_	reby provided t CE OWNER(s)			Пас	At Ottomore	
	• • •				AL OWNER OR LI	ESSEE
Address:				Name:		
				Address:		
Name:						
					ERAL OWNER(s)	
Name:				Name: 8	rah K. Holman	
Address:				Address:	107 Glendon Way	
				Peterma , C	A 94952 ch additional forms if no	
Notice is ne	reby given:	.d. 6 an ca 10/	Normanda e de le			
Pursuant to Wa plat survey State:	vest Virginia Co on the tract of la West Virginia	ede § 22-6A-10(a and as follows:), notice is he	Approx. Lati	tude & Longitude:	l operator is planning entry to conduct
Pursuant to Wa plat survey State: County:	vest Virginia Co on the tract of la West Virginia	ode § 22-6A-10(a and as follows:), notice is he	Approx. Lati Public Road	tude & Longitude:	•
Pursuant to Wa plat survey State: County: District:	Vest Virginia Co on the tract of la West Virginia Tylar Ellsworth	ede § 22-6A-10(a and as follows:), notice is he	Approx. Lating Public Road Watershed:	tude & Longitude: Access:	39.483739 x -80.896934
Pursuant to Wa plat survey State: County: District: Quadrangle:	Vest Virginia Co on the tract of la West Virginia Tyler Ellsworth Middlebourne 7.5'	and as follows:		Approx. Lating Public Road Watershed: Generally use	tude & Longitude: Access: ed farm name:	39.483739 x -80.896934 Klondike Road Middle Island Creak Jay Bee Production
Pursuant to Wa plat survey State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from Notice is her Well Operator Telephone:	Vest Virginia Co on the tract of le Wast Virginia Tyler Ellsworth Middlebeume 7.5' state Erosion an ted from the Sec TV 25304 (304- the Secretary by Teby given by: Jay-Boo Cl & Gas 304-628-3111	and as follows: and Sediment Contentary, at the WV 926-0450). Copi y visiting www.d	rol Manual a	Approx. Lating Public Road Watershed: Generally use and the statutes and of Environments ocuments or additionally assigned Address:	tude & Longitude: Access: ed farm name: d rules related to or al Protection headquional information re default.aspx. 3570 Shields Hill Rd. Calro, WV 28337	39.483739 x -80.895934 Klondike Road Middle Island Creek
Pursuant to Wa plat survey State: County: District: Quadrangle: Copies of the may be obtain Charleston, Wobtained from Notice is her Well Operator	Vest Virginia Co on the tract of le Wast Virginia Tyler Elisworth Middlebeume 7.5' state Erosion an and from the Sec V 25304 (304- the Secretary by reby given by: Jay-Boo Ol & Gas	and as follows: and Sediment Contentary, at the WV 926-0450). Copi y visiting www.d	rol Manual a	Approx. Lating Public Road watershed: Generally use and the statutes and of Environments currents or additionally and gas/pages/	tude & Longitude: Access: ed farm name: d rules related to or al Protection headquional information re default.aspx.	39.483739 x -80.898934 Nondike Road Middle Island Cresk Jey Bee Production il and gas exploration and production

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

Dalleram w			
реплегу ш	ieuica pursuant	to West Virginia C	Code § 22-6A-10a
☐ PERS		REGISTERED MAIL	☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
but no more beneath suc owner of mi and Sedimer Secretary, w	trace tract to con- than forty-five d h tract that has fil inerals underlying nt Control Manua which statement sl	duct any plat survey lays prior to such en led a declaration pu g such tract in the co al and the statutes an	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days attry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams remain to section thirty-six, article six, chapter twenty-two of this code; and (3) any punty tax records. The notice shall include a statement that copies of the state Erosion and 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 the secretary.
Notice is he	reby provided to	D:	
Name:	CE OWNER(s)		COAL OWNER OR LESSEE Name: Address:
Name:			
Address:			MINERAL OWNER(s)
Name:			Name: Pater R. Holman
			Address: 7621 SE Maple Ave.
		· ·	Vencouver, WA 98684 *please attach additional forms if necessary
Notice is he	ereby given:		
Pursuant to V	West Virginia Co	de § 22-6A-10(a), n	otice is hereby given that the undersigned well operator is planning entry to conduct
a prat survey State:	on the tract of la	ng as follows:	Ammon Takkuda O.T., to t
County:	Tyler		Approx. Latitude & Longitude: 39.463739 x -80.696234 Public Road Access: Klondke Road
District:	Elsworth		
	Middlebourne 7.5		
4			Generally used farm name: Jay Beo Production
may be obtain Charleston, Vobtained from	ved from the Section 1304-9 the Secretary by reby given by:	retary, at the WV Do 926-0450). Copies of visiting <u>www.dep.</u>	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 HU Rd.
Telephone:	304-626-3111		Cairo, WV 28337
Email:	sdowel@sybeocil	com	Facsimile: 304-628-3119

WV Department of Environmental Production

Operator Well No. (20) 1. Curly 10, (20) 2. (20) 20

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

		Notice shall be pro-	vided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
Date of No	tice: 02/21/2017	Date of Pla	nned Entry: 02/28/2017
Delivery m	ethod pursuant	to West Virginia C	ode § 22-6A-10a
_		REGISTERED	
SERV		MAIL	METHOD OF DELIVERY THAT REQUIRES A
D	377 727		RECEIPT OR SIGNATURE CONFIRMATION
but no more beneath suc owner of mi and Sedimer Secretary, we enable the st	than forty-five di h tract that has fil- inerals underlying nt Control Manua thich statement sh urface owner to o	ays prior to such ent ed a declaration pure such tract in the co- l and the statutes and all include contact in btain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try 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 Erosi 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 e secretary.
	reby provided to):	
••	CE OWNER(s)		☐ COAL OWNER OR LESSEE
			Name:
. 1001000			Addiess.
Name			
Address:			MINERAL OWNER(s)
			Name: Douglas Moors Address: 4112 8. Victor Ct.
Address:			Address: 4112 8. Victor Ct.
			Tutse ,OK 74106 *please attach additional forms if necessary
			Process continue to this it nectosary
Notice is he	reby given:		
plat survey	on the tract of lan	e 9 22-0A-10(8), no d ss follows:	tice is hereby given that the undersigned well operator is planning entry to conduct
State:	Wast Visitalia		Approx. Latitude & Longitude: 39.483739 x -80.896934
County:	Tyler		Public Pand Assess
District:	Elisworth		Watershed: Middle Island Creek
(naquangle:	Middlebourne 7.5'		Generally used farm name: Jay Bee Production
harleston, W btained from	V 25304 (304-9) the Secretary by	26-0450). Copies of	Manual and the statutes and rules related to oil and gas exploration and production partment of Environmental Protection headquarters, located at 601 57th Street, SE, f such documents or additional information related to horizontal drilling may be vv.gov/oil-and-gas/pages/default.aspx.
	reby given by:		
/ell Operator elephone:		nc.	Address: 3570 Shields Hill Rd.
mail:	304-628-3111		Caira, WV 26337
	scowel@jaybszoll.co	Д	Facsimile: 304-828-3119
he Office of our productions. Your p	wale with state	esses your personal i	information, such as name, address and telephone number as part of our regulatory of other State agencies or third parties in the normal course of his inequirements, including Freedom of Information Act requests. Our office will you have any questions about our use or your personal information, please contact wv.gov.

WV Department of Environmental Protection

Operator Well No. 24 1. 221 10. Outy 2. Outy 20

	•	in the contract of bro	vided at least SEVEN (7) (lays but no more th	han FORTY-FIVE (45) days prior to
A 10 ang	lotice: 02/21/2017		nned Entry: 02/28/2017		(10)
Delivery	method pursuan	t to West Virginia C	ođe § 22-6A-10a		
	SONAL E	REGISTERED MAIL	☐ METHOD OF DE RECEIPT OR SIG	ELIVERY THAT F	REQUIRES A REMATION
but no mo beneath st owner of and Sedim Secretary,	re than forty-five ich tract that has f ninerals underlyin ent Control Manu which statement s	days prior to such end iled a declaration pur ag such tract in the co tall and the statutes an	s required pursuant to this a try to: (1) The surface own suant to section thirty-six, a nunty tax records. The notic ad rules related to oil and ga information, including the	article. Such notice er of such tract; (2) article six, chapter ce shall include a s	or shall provide notice of planned entry e shall be provided at least seven days) to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
Notice is I	ereby provided (to:			
☐ SURF	ACE OWNER(s)		□ COA	L OWNER OR LI	RSSFF
Name:			Name·		
Address:			Address:		
Name					
Address:			■ MINI	ERAL OWNER(8)	
			Name: Par	ula Frost	
Name:			Address:	10910 Fox Crest	· ····································
Address: _			San Antonio		
Pursuant to	nereby given: West Virginia Co y on the tract of la West Virginia	rde § 22-6A-10(a), no and as follows:		ne undersigned wel ude & Longitude:	l operator is planning entry to conduct
County:	Tyter		Public Pond A		Klondike Road
District:	Elisworth		Watershed:		Middle Island Creek
Quadrangle	Middlebourne 7.5'		Generally used	d 6	
0 : 63					Jay Bee Production
Charleston, obtained fro	WV 25304 (304-m the Secretary beereby given by: Jay-Bee Of a Gas	retary, at the WV De 926-0450). Copies o y visiting <u>www.dep.v</u>	Manual and the statutes and	d rules related to oil Protection headquonal information relefault, aspx. 3570 Shields Hill Rd.	
Charleston, obtained fro	wv 25304 (304-m the Secretary by: ereby given by: 304-628-3111	y visiting www.dep.v	Manual and the statutes and partment of Environmental of such documents or addition wv.gov/oil-and-gas/pages/d	d rules related to oil Protection headquonal information relefault.asjvx. 3570 Shleids Hill Rd. Cairo, WV 26337	il and gas exploration and production
Charleston, obtained fro Notice is h Well Operat Telephone: Email:	WV 25304 (304-m the Secretary by: ereby given by: Or: Jay-Beo Of 8 Gas 304-626-3111	gretary, at the WV De 926-0450). Copies o y visiting www.dep.v	Manual and the statutes and partment of Environmental of such documents or additional wv.gov/oil-and-gas/pages/d Address: Facsimile:	d rules related to oil Protection headquonal information relefault, as j. x. 3570 Shields HB Rd. Cairo, WV 26337	il and gas exploration and production

Operator Well No. Cont 1 Conty 10. Conty 2 Conty 20

entry Date of No	otice: 02/21/2017			lays but no more t	han FORTY-FIVE (45) days prior to
			nned Entry: 02/28/2017		
envery n	tethod pursuant	t to West Virginia C	Code § 22-6A-10a		
□ PERS SERV		REGISTERED MAIL	☐ METHOD OF DE RECEIPT OR SIG	LIVERY THAT I	REQUIRES A IRMATION
ut no more eneath suc wner of mi nd Sedime ecretary, w	than forty-five on the tract that has fi inerals underlying to Control Manuschich statement s	days prior to such entitled a declaration pur g such tract in the co al and the statutes an	try to: (1) The surface owns suant to this a surface owns suant to section thirty-six, a nunty tax records. The notice of rules related to oil and gain formation, including the sufformation, including the sufformation.	erticle. Such notice or of such tract; (2) article six, chapter se shall include a s	or shall provide notice of planned entry is shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosic production may be obtained from the page on the Secretary's web site, to
otice is he	reby provided t	: :			
	CE OWNER(s)			L OWNER OR LI	
ame;			Name:	-	The state of the s
	-		1100000		
ame: idress:				ERAL OWNER(8)	
			Nama: Kas	CRAL OWNER(8)	
ime:			Address: Tuise , Ok 741	o bus uzby	
				additional forms if ne	
			rica is hamilia sissau at a ca		
ite: unty:	West Virginia Tylar	nd as follows:		ide & Longitude:	operator is planning entry to conduct 39.483739 x -80.898834 Klondiko Road
ite: unty: strict:	West Virginia Tyler Elisworth	un as follows:	Approx. Latite Public Road A Watershed:	de & Longitude: ccess;	39.483739 x -60.898634
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tite: unity: strict: adrangle: pies of the y be obtain arleston, W ained from tice is her	West Virginia Tyter EBsworth Middlebourne 7.5° state Erosion and the Secretary by 25304 (304-5) the Secretary by reby given by:	d Sediment Control Netary, at the WV De 926-0450). Copies of visiting www.dep.w	Approx. Latite Public Road A Watershed: Generally used	de & Longitude: ccess; I farm name: rules related to oi Protection headqual information re efault.aspx.	39.463739 x -80.896634 Klondike Road Middle Island Crack
tite: unity: strict: adrangle: pies of the y be obtair arleston, W ained from tice is her il Operator ephone:	West Virginia Tylor EBsworth Middlebourne 7.5° state Erosion and the Secretary by 25304 (304-5) the Secretary by: "" Jay-Boo Cli & Gas, 304-828-3111	d Sediment Control Notes of the WV Despector, at the WV Despector, visiting www.dep.w	Approx. Latite Public Road A Watershed: Generally used Manual and the statutes and partment of Environmental f such documents or addition vv.gov/oil-and-gas/pages/de Address:	de & Longitude: ccess: I farm name: rules related to oi Protection headqual information re efault.aspx. 3570 Shields Hill Rd. Ceiro, WV 26337	39.483739 x -80.898634 Klondike Road Middle Island Crack Jay Bee Production and gas exploration and production
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Operator Well No. Only 1. Carly 114. Only 2. Carly 21

	ne Requirement:	: Notice shall be pro-	vided at least SEVEN (7)	days but no more ti	han FORTY-FIVE (45) days prior to
	otice: 02/21/2017		nned Entry: 02/28/2017		to the state of th
Delivery n	nethod pursuant	to West Virginia C	ode § 22-6A-10a		
□ PERS SERV		REGISTERED MAIL	☐ METHOD OF DERECEIPT OR SEC	ELIVERY THAT F	REQUIRES A RMATION
but no more beneath suc owner of mi and Sedimer Secretary, w	than forty-five denoted that has fill inerals underlying the Control Manual which statement should be shou	lays prior to such ent led a declaration pure g such tract in the could and the statutes and	ry to: (1) The surface own suant to section thirty-six, suant to section thirty-six, sunty tax records. The not d rules related to oil and g	article. Such notice her of such tract; (2) article six, chapter ice shall include a s	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
Notice is he	reby provided to) :			
	CE OWNER(s)		□ co∉	L OWNER OR LE	SSSEE
Name:		-	Nama		
Address:			Address:		- 11-11-11-11-11-11-11-11-11-11-11-11-11
Name					
Address:			■ MIN	ERAL OWNER(s)	
				tricia A. Hoss	
Address:				440 Independence Parkwa	y # 2403
	-		Pieno , TX 75	ors th additional forms if ne	
Notice is he Pursuant to V	Vest Virginia Cod	le 6 22-64-10(a) no	Aina in handar atau at a a		
a plat survey State: County:	on the tract of lar West Virginia Tyler	id as iditows;	Approx. Latit	ude & Longitude:	operator is planning entry to conduct 39.483739 x -80.838934
State:	West Virginia	id as idilows:	Approx. Latit	ude & Longitude:	39.463739 x -60.698934 Mondike Road
State: County: District: Quadrangle:	West Virginia Tyler Eltoworth Middlebourne 7.5*	id as follows:	Approx. Latit Public Road A Watershed: Generally use	ude & Longitude: Access: d farm name:	39.483739 x -80.838934 Klondike Road Middle leiznd Crook Jay Bee Production
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Operator Well No. Ory 1. Cary 111, Cary 2 Octy 20

Notice Time	Requirement:	Notice shall be pro-	vided at least SEVEN (7)	days but no more th	han FORTY-FIVE (45) days prior to
Date of Noti	ce: 02/21/2017	Date of Pla	nned Entry; 02/28/2017		
Delivery me	thod pursuant	to West Virginia C	ode § 22-6A-10a		
☐ PERSO	_	REGISTERED MAIL	METHOD OF DE	ELIVERY THAT F	REQUIRES A
but no more the beneath such owner of mine and Sediment Secretary, when able the sur	han forty-five d tract that has fil erals underlying Control Manua ich statement sh face owner to o	ays prior to such ent ed a declaration pure such tract in the co- il and the statutes an uall include contact in btain copies from th	Prior to filing a permit app s required pursuant to this try to: (1) The surface own suant to section thirty-six, unty tax records. The not id rules related to oil and g	lication, the operate article. Such notice ner of such tract; (2) article six, chapter ice shall include a s	or shall provide notice of planned entry e shall be provided at least seven days) to any owner or lessee of coal seams twenty-two of this code; and (3) any statement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
_	eby provided to):			
SURFACE SURFACE	E OWNER(s)		□ co.	AL OWNER OR LI	ESSEE
Name:			Name:		
			varies?		The second secon
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71001003.		The state of the s		ERAL OWNER(s)	
Name:			Addmaga	P Mineral Holdings II ,LLC 18400 N. Dallas Parkway	Suite 400
Address:			Daileas , TX 7		Soute 400
			*please atta	ch additional forms if ne	ccessary
State: County:	est Virginia Cod on the tract of lar West Virginia Tyler	le § 22-6A-10(a), no nd as follows:	Approx. Lati Public Road	tude & Longitude:	ll operator is planning entry to conduct 39.483739 x -80.896934 Klondike Road
	Elisworth Middlebourne 7.5'		Watershed:	• •	Middle Island Creck
Quatrangle.	MIDGIOUTINS 7.5		Generally use	ed farm name:	Jay Bea Production
Charleston, W\	the Secretary by by given by: hy-Boo Ol & Gas., 304-828-3111	etary, at the WV De 26-0450). Copies o visiting <u>www.dep.v</u>	partment of Environmenta f such documents or addit wv.gov/oil-and-gas/pages/ Address:	al Protection headquional information redefault.aspx. 3570 Shiekis Hai Rd Cairo, WV 28337	il and gas exploration and production uarters, located at 601 57 th Street, SE, elated to horizontal drilling may be
Liticii.	sdowell@jaybeooi.c	om	Facsimile:	304-628-3119	
needed to compapy appropriately se	ply with statut cure your perso	ory or regulatory	requirements, including you have any questions a	Freedom of Inform	phone number, as pair of our regulatory in the normal course of business or as nation Act requests. Dur office will ar personal information, please contact WY Department of the nation
					~(J; J; J;

Operator Well No. Only 1. Cody 10. Cody 2. Cody 20

		ir: Morice sum de bro	vided at least SEVEN (7) days but no	more than FORTY-FIVE (45) days prior to
cuay	tice: 02/21/2017		nned Entry: 02/28/2017	•
Delivery in	ethod pursuar	nt to West Virginia C	ode § 22-6A-10a	
PERSO SERVI		REGISTERED MAIL	☐ METHOD OF DELIVERY TO RECEIPT OR SIGNATURE OF	HAT REQUIRES A CONFIRMATION
but no more beneath sucl owner of mi and Sedimer Secretary, w	than forty-five than forty-five that that has merals underlying that Control Man which statement	nduct any plat survey: days prior to such ent filed a declaration pur ng such tract in the co ual and the statutes an	s required pursuant to this article. Such ry to: (1) The surface owner of such tr suant to section thirty-six, article six, o unty tax records. The notice shall incl d rules related to oil and gas exploratio information, including the address for	operator shall provide notice of planned entry a notice shall be provided at least seven days fact; (2) to any owner or lessee of coal seams chapter twenty-two of this code; and (3) any usde a statement that copies of the state Erosion on and production may be obtained from the a web page on the Secretary's web site, to
Notice is he	reby provided	to:		
	CE OWNER(s		☐ COAL OWNER	OR LESSEE
Name: Address:			Name: Address:	
Address:			MINERAL OW	VER(s)
			Name: Cay USA, Inc. Address: 5 Greenway Ma	
Address:			Address: 5 Greenway Plate Houston, TX 77048	za Suite 110
			*please attach additional fo	orms if necessary
B				
Notice is he Pursuant to V a plat survey State:	Vest Virginia C on the tract of	land as follows:	Assess Fathering & Fano	ed well operator is planning entry to conduct
Pursuant to V a plat survey State: County:	Vest Virginia C on the tract of West Virginia	ode § 22-6A-10(a), no land as follows:	Approx. Latitude & Long Public Road Access;	
Pursuant to V a plat survey State: County: District:	Vest Virginia C on the tract of West Virginia Tyler Elloworth	land as follows:	Approx. Latitude & Long Public Road Access: Watershed:	itude: 39.483739 x -60.896934 Klondiko Rozal Middle Istand Creek
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Operator Well No. Cury 1. Cury 10 Cury 2 Cury 20

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	otice: 02/21/2017		anned Entry: 02/28/2017	
Delivery :	nethod pursuant	to West Virginia C	Code § 22-6A-10a	
PER!		REGISTERED MAIL	☐ METHOD OF DELIVERY THAT F RECEIPT OR SIGNATURE CONFI	LEQUIRES A RMATION
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Address:			Address:	
Name:				
Address:		· · · · · · · · · · · · · · · · · · ·	MINERAL OWNER(s)	
		·		
Name:		_	Name; Webo CH & Gas Co. Address; Po Box 397	
Address:			Gienville , WV 26351	
			*please attach additional forms if ne	cessary
Pursuant to	ereby given: West Virginia Cod on the tract of la	de § 22-6A-10(a), no nd as follows:	otice is hereby given that the undersigned well	operator is planning entry to conduct
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	Tyter		Public Road Access:	39.463739 x -80.896834 Klondike Road
State: County: District:			Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:	39.453739 x -80.896834
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Operator Well No. and 1. and 11. and 21. and 21.

		(1) OF A FIL	lays but no more th	han FORTY-FIVE (45) days prior to
ce: 02/21/2017	Date of Planned E	ntry: 02/28/2017		
thod pursuant	to West Virginia Code § 2	2-6A-10a		
	REGISTERED MAIL			
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				Suite 400
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Operator Well No. Curty 2, Curty 2U

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	tice: 02/21/2017	Date of Pla	nned Entry: 02/28/2017		
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	CE OWNER(s)		□ coa	L OWNER OR LI	ESSEE
ame:			Name:		
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ame:					
ddress:			■ MINI	RAL OWNER(s)	
			Name: Do	sld H. Lancaster Jr.	
ime:			Address:	2901 Tyter Highway	
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niat concev	on the tract of la	ind as follows:		ide & Longitude:	l operator is planning entry to conduct
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Operator Well No. Curly 1

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

and the second	ce: 03/31/2017 Date Pe	ermit Application Filed: 03		application.	
Delivery me	thod pursuant to West Virginia (Code § 22-6A-16(c)			
CERTI	FIED MAIL	☐ HAND			
	RN RECEIPT REQUESTED	DELIVERY			
KLIC	KI KECEH I KEQUESTED	DELIVER			
eturn receipt the planned of required to be drilling of a damages to the	W. Va. Code § 22-6A-16(c), no la requested or hand delivery, give to operation. The notice required by e provided by subsection (b), section horizontal well; and (3) A propose ne surface affected by oil and gas of es required by this section shall be	the surface owner whose lar y this subsection shall inclose on ten of this article to a sur- ed surface use and compen- operations to the extent the of	nd will be used for ude: (1) A copy face owner whose isation agreement damages are com	or the drilling of of this code sec se land will be us nt containing an pensable under a	a horizontal well notice of etion; (2) The information ed in conjunction with the offer of compensation for rticle six-b of this chapter.
	eby provided to the SURFACE (
	s listed in the records of the sheriff				/
Address: 3570	Oil & Gas, Inc./JayBee Production Company		Anthony M. Goffi Irrevo	ocable Trust	
Cairo, WV 26337	Streids Hill Rd.		SS; 745 Lynn Portal gton, PA 15301		/
County: District: Quadrangle: Watershed: Chis Notice 5	Tyler Ellsworth Middlebourne 7.5' Middle Island Creek Shall Include:		sed farm name:	4,368,260.7 Klondike Ridge Rd Jay-Bee Production	
Pursuant to Voo be provided to voice or	Vest Virginia Code § 22-6A-16(c), ed by W. Va. Code § 22-6A-10(b) ell; and (3) A proposed surface use ted by oil and gas operations to the elated to horizontal drilling may be supposed to the control of the control o	to a surface owner whose and compensation agreem the extent the damages are of the obtained from the Secret	se land will be usent containing and compensable und etary, at the WV	used in conjunct n offer of comper ler article six-b of Department of	ion with the drilling of a negation for damages to the of this chapter. Additional Environmental Protection
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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways 1900 Kanawha Boulevard East • Building Five • Room 110

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

Thomas J. Smith, P. E. Secretary of Transportation/ Commissioner of Highways

Reissued February 23, 2017

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 Curly Pad, Tyler County

Curly 1 Well site 41-095-02445

Dear Mr. Martin,

Jim Justice

Governor

This well site will be accessed from a DOH permit #06-2013-0199 issued to Jay-Bee Oil & Gas, Inc. for access to the State Road for a well site located off of Tyler County Route 46 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

Cc: Shane Dowell Jay-Bee Oil & Gas, Inc. CH, OM, D-6 File RECEIVED
Office of Oil and Gas

APR 0 5 2017

WV Department of
Environmental Protection



JAY-BEE OIL & GAS, INC.

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

RE: Frac Additives

Permitting Office:

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

- Water (7732-18-5)
- Sand (14808-60-7, 1344-28-1, 1309-37-1, 13463-67-7)
- Friction Reducer (64742-47-8)
- Scale Inhibitor (107-21-1, 111-46-6)
- Bacteria Prevention (111-30-8, 7173-51-5, 68424-85-1, 64-17-5)
- 15% Vol Acid (7647-01-0)

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

