

#### 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 1U

47-095-02446-00-00

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 1U
Farm Name: JAY-BEE OIL & GAS INC.

U.S. WELL NUMBER: 47-095-02446-00-00 Horizontal 6A / New Drill

Date Issued: 2/6/2018

Promoting a healthy environment.

API Number: <u>95-02444</u>

### **PERMIT CONDITIONS**

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. <u>Failure to adhere to the specified permit</u> 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>95-02446</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 <a href="mailto:DEPOOGNotify@wv.gov">DEPOOGNotify@wv.gov</a>.

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.



#### west virginia department of environmental protection

Oil and Gas Conservation Commission 601 57th Street, SE Charleston, WV 25304 (304)926-0499, Ext 1656 Jim Justice, Governor Barry K. Lay, Chairman ogcc.wv.gov

September 26, 2017

Department of Environmental Protection Office of Oil and Gas Charleston, WV 25304

RE: Application for Deep Well Permit – API #47-095-02446

COMPANY: Jay-Bee Oil & Gas, Inc.

FARM: <u>Jay-Bee Oil & Gas, Inc.</u> <u>Curly 1U</u>

COUNTY: Tyler DISTRICT: Ellsworth QUAD: Middlebourne 7 1/2'

The deep well review of the application for the above company is **Approved to drill to Trenton for Point Pleasant completion.** 

The applicant has complied with the provision of Chapter 22C-9, of the Code of West Virginia, nineteen hundred and thirty-one (1931), as amended, Oil and Gas Conservation Commission as follows:

- 1. Comments to Notice of Deviation filed? No.
- Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners? Yes
- Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of all deep wells, well name, and the name and address of the operator: 47-095-02321, Moe 3U, Jay-Bee Oil & Gas, Inc. Docket No. 246-235
- 4. Provided a plat showing that the proposed location is a distance of 400+ feet from the nearest lease line or unit boundary and showing the following wells drilled to or capable of producing from the objective formation within 3,000 feet of the proposed location.

Sincerely, Rose

Susan Rose Administrator ₩W-6B > (04/15) OPERATOR WELL NO. Curty 1U
Well Pad Name: Curty Pad

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

1) Well Operator: Jay-Bee Oil	& Gas	24610	Tyler	Ellsworth	Middlebourne 7.5'
AND MARKET MARK A		Operator ID	County	District	Quadrangle
2) Operator's Well Number: Cu	rly 1U	Well Pa	ad Name: Cu	rly Pad	
3) Farm Name/Surface Owner:	Jay-Bee Oil & Ga	as, Inc. Public Ro	ad Access: K	londike Ridge	e Rd
4) Elevation, current ground:	1,138' E	levation, proposed	l post-constru	ction: 1,123'	
5) Well Type (a) Gas X Other	Oil _	Un	derground Sto	rage	
(b)If Gas Sha	llow	Deep	Х		
6) Existing Pad: Yes or No No	izontal X			DMH 81	128/17
<ol> <li>Proposed Target Formation(s)</li> <li>Point Pleasant: 11,113' Depth,</li> </ol>		A CONTRACTOR OF THE CONTRACTOR			Thickness, 8000 psi
8) Proposed Total Vertical Deptl	n: 11,398' TVD	, 11,113' TVD (Ho	orizontal secti	on)	
9) Formation at Total Vertical D	epth: Trenton	(TVD) Point Plea	sant (Horizor	ntal)	
10) Proposed Total Measured De	epth: 18,795.5	r			
11) Proposed Horizontal Leg Le	ngth: 6,398'				RECEIVED Office of Oil and Gas
12) Approximate Fresh Water St	rata Depths:	204'			CEP - 5 2011
13) Method to Determine Fresh 14) Approximate Saltwater Dept		Well Record 47-0	95-01127		WV Department of WV Department of Environmental Protection
15) Approximate Coal Seam De	oths: N/A				
16) Approximate Depth to Possi	ble Void (coal m	nine, karst, other):	N/A		
17) Does Proposed well location directly overlying or adjacent to		ams Yes	1	No X	
(a) If Yes, provide Mine Info:	Name:				
A STATE OF THE PARTY OF THE PAR	Depth:				
	Seam:				
	Owner:				

Rec'd 9/4/2017

18)

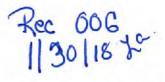
### CASING AND TUBING PROGRAM

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	26	New	A500	85 lb./ft	30'	30'	CTS 49 Cu. Ft.
Fresh Water	20	New	J-55	94 lb./ft	300'	300'	CTS 288 Cu. Ft.
Coal	13 3/8	New	J-55	61 lb./ft	1,800'	1,800'	CTS 1,250 Cu. Ft.
Intermediate	9 5/8	New	HCP-110	47 lb./ft	7,100'	7,100'	1,910 Cu. Ft.
Production	5 1/2	New	P-110	23 lb./ft	18,795.5'	18,795.5'	4,076 Cu. Ft.
Tubing							
Liners							

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	26	30	.375	N/A	50	Class A	1.18-1.20
Fresh Water	20	24	.438	2,110	1,000	Class A	1.18-1.20
Coal	13 3/8	17 1/2	.480	3,090	1,500	Class A	1.18-1.24
Intermediate	9 5/8	12 1/4	.472	9,440	2,000	Class A	1.18-3.00
Production	5 1/2	8 1/2	.415	16,800	11,540	Class A	1.36-2.08
Tubing							
Liners							

### **PACKERS**

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



WW-6B (10/14)

API NO. 47- 95 -02446

OPERATOR WELL NO. Curly 10

Well Pad Name: Curty Pad

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

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

DMH 8/28/17

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

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

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 9.16
- 22) Area to be disturbed for well pad only, less access road (acres): 4.86
- 23) Describe centralizer placement for each casing string:

Conductor: None

Conductor: Class A no additives

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

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

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

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

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Office of Oil and Gas

WV Department of Environmental Protection

Intermediate 1: Class A Cement, Calcium Chloride, Bentonite, FP-13L, BA-10A Intermediate 2: Class A Cement, BA-90, Potassium Chloride (KCL), MPA-170, R-3, Sodium Metasilicate (SMS), FL-52, ASA-301 Production Lead: 50/50 Poz-Class A+10% Salt-(BWOW)+3%Bentonite+0.65% Super FL-200+0.1%SEC-10+0.5% Air Out+0.1% R-1

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

25) Proposed borehole conditioning procedures:

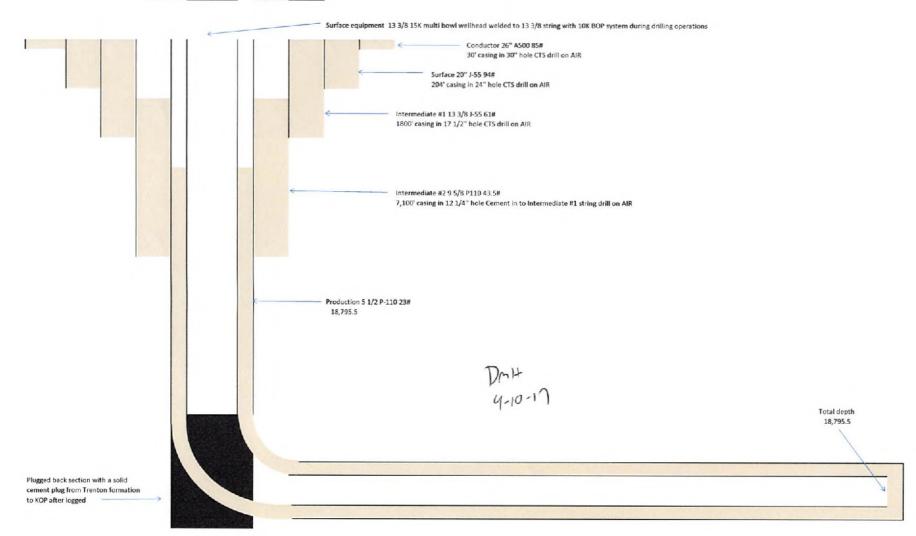
Surface: Class A Cement, 2% Calcium Chloride, 1/4# flake

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

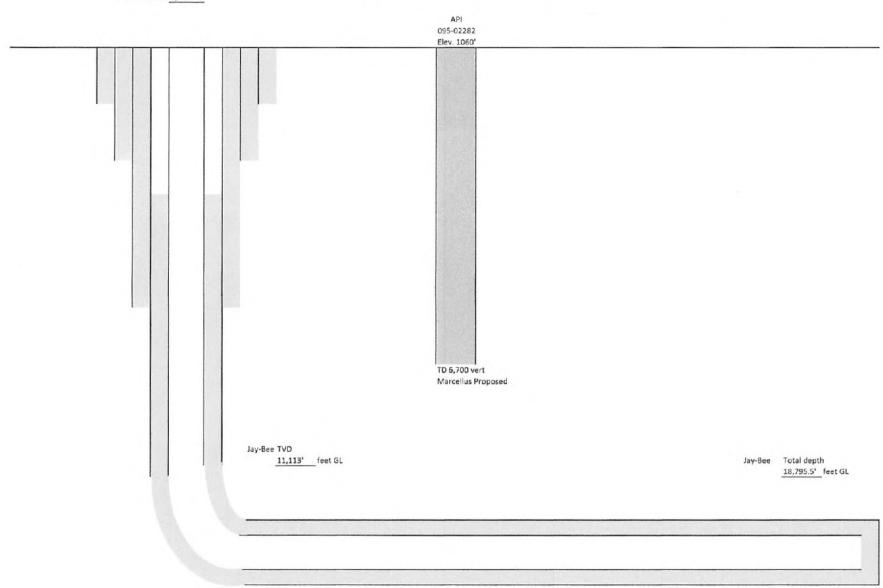
8 1/2" Hole drilled on fluid for the 5 1/2" casing will be circulated 5-6 bottoms up and minimum of 2 heavy weighted sweeps will be pumped to ensure all cuttings are circulated continued until no cuttings are retrieved

\*Note: Attach additional sheets as needed.

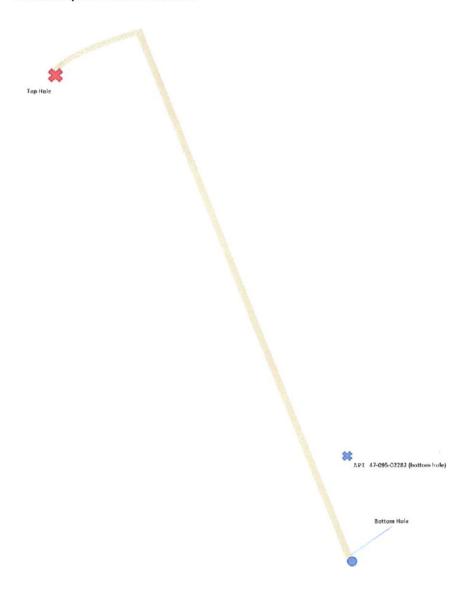
Well Name:	Curly 1U	Tyler County, WV
GL Elevation:	1123	Cement



#### Well-Site Safety Plan Anti-Collision Schematic



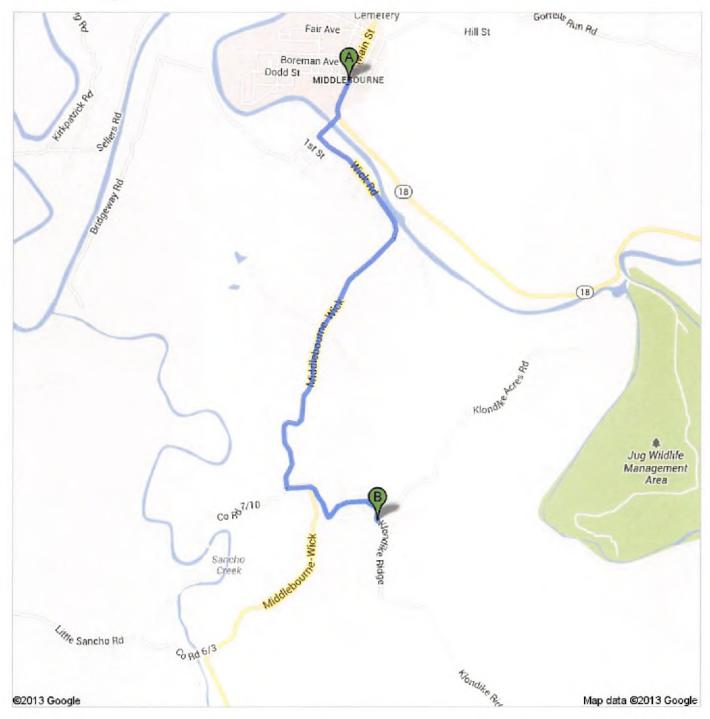
#### Well-Site Safety Plan Anti-Collision Schematic



Middlebourne, WV to Co Rd 46/Klondike Ridge - Google Maps



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



#### Area of Review

Curly 1U - API Pending

API 095-02282



TD 6,700 vert Marcellus Proposed

	Marcerres From	
Operator	Antero Resources Corporation	
Well Name	2H	
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 - 02446
Operator's Well No. Curly 1U

#### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

#### FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Jay-Bee Oil & Gas, Inc	OP Code 24610
Watershed (HUC 10) Middle Island Creek	Quadrangle Middlebourne 7.5'
Do you anticipate using more than 5,000 bbls of water to comp	
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:	DMH 410-17
Land Application	
Underground Injection ( UIC Perm Reuse (at API Number	it Number 47-085-09721
Off Site Disposal (Supply form WV Other (Explain Using Contract Haul	W-9 for disposal location) ers Norte/CES (API's 47-085-05151
Will closed loop system be used? If so, describe: Yes, Centrif	uge Drying Shaker System for Top Hole & Horizontal section
Drilling medium anticipated for this well (vertical and horizon	tal)? Air, freshwater, oil based, etc. Air Vertical / Horizontal OBM
-If oil based, what type? Synthetic, petroleum, etc. A	BS 40 (Aliphatic Base System) Synthetic
Additives to be used in drilling medium? Barite, ABS MUL/VIS,	Bentone990, CACL2, CalCarb,FLR, Lime,Multifiber,Permaseal,Nut Plug
Drill cuttings disposal method? Leave in pit, landfill, removed	
-If left in pit and plan to solidify what medium will be	
-Landfill or offsite name/permit number? Meadowfill/	-emit 101219WV
Permittee shall provide written notice to the Office of Oil and Owest Virginia solid waste facility. The notice shall be provided where it was properly disposed.	Gas of any load of drill cuttings or associated waste rejected at any distribution within 24 hours of rejection and the permittee shall also disclose
on August 1, 2005, by the Office of Oil and Gas of the West V provisions of the permit are enforceable by law. Violations of law or regulation can lead to enforcement action.  I certify under penalty of law that I have personally application form and all attachments thereto and that, base	conditions of the GENERAL WATER POLLUTION PERMIT issued irginia Department of Environmental Protection. I understand that the of any term or condition of the general permit and/or other applicable by examined and am familiar with the information submitted on this ad on my inquiry of those individual in the responsible for true, accurate, and complete. I am aware that applicant allows fine or imprisonment.
Company Official Signature	APR 12 2017
Company Official (Typed Name) Shane Dowell	ont Of
Company Official Title Office Manager	WV Department of Environmental Protection
	Environmentari
Subscribed and sworn before me this 10th day of	
Subscripted and sworn beloveline this 10 day of	Official Seal
My commission expires Of 9th 2001	Notary Public Notary Public, State Of West Virginia Teresa R. Hall 1724 Valley Mill Rd. Waverly W 36 164 0 1 8 My Commission Expires Oct. 09, 2019

Form WW-9 Operator's Well No. Curly 1U Jay-Bee Oil & Gas, Inc Proposed Revegetation Treatment: Acres Disturbed 9.16 Prevegetation pH 6.8 \_\_\_\_ Tons/acre or to correct to pH 6.8 Fertilizer type 10-20-20 Fertilizer amount 75 lbs/acre Mulch Hay 2 **Seed Mixtures Temporary Permanent** Seed Type lbs/acre Seed Type lbs/acre **KY Bluegrass Annual Ryegrass** 40 20 Field Bloomgrass 40 Creeping Red Fescue 30 **Sudangrass** 40 **Perennial Ryegrass** 10 Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided) Photocopied section of involved 7.5' topographic sheet. Plan Approved by: Comments: REGEIVED Office of Oil and Gas APR 12 2017 Title: 01 + 6<7 TagacH/ Date: 4-10-17 WV Department of WV Department of WV Department of Protect Date: 4-10-17 WV Department Of Protect

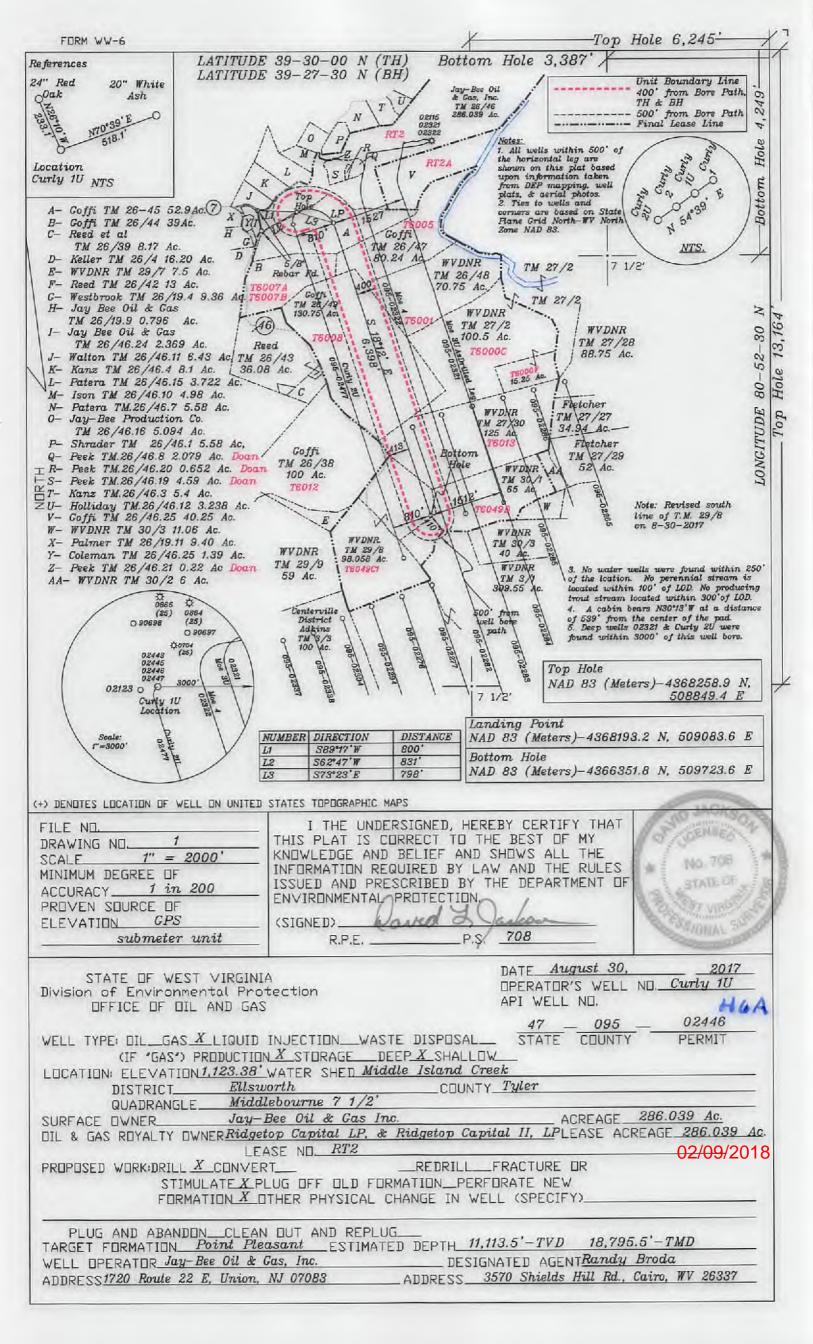
Environmental Protection

# CURLY 1U

# WELL SITE SAFETY PLAN

DmH 4-10-17

JAY-BEE OIL & GAS, INC



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

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

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

Lease Name or Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
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/T6049C1	WVDNR	Jay-Bee Oil & Gas, Inc.	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

Its: Office Manager

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### <u>AFFIDAVIT FILED PURSUANT TO</u> 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 is true, accurate and complete. We are aware that there information is true, accurate and complete. We are aware that there imprisonment are submitting false information, including the possibility of fine or imprisonment are also as a submitting false information, including the possibility of fine or imprisonment.

WV Department of Environmental Protection

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 / Varch, 7017 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf
of the corporation.
My commission expires: 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 <u>ZZ</u> day of <u>/ lavch</u> , <u>Zo)7</u> by Randy Broda, Managing Member of JB Exploration I, LLC, on behalf of the company.
My commission expires: $\frac{18,2022}{}$ .
NOTARY PUBLIC

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Office of Oil and Gas

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WV Department of Environmental Protection



### JAY-BEE OIL & GAS, INC.

April 10, 2017

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

RE: Curly 1U Well

#### Permitting Office:

As you know we have applied for a well permit for the Curly 1U 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

middle

REGEIVED
Office of Oil and Gas

APR 1 2 2017

WV Department of Environmental Protection



### JAY-BEE OIL & GAS, INC.

April 18, 2017

Cindy Raines
Oil & Gas Conservation Commission
West Virginia Dept. of Environmental Protection
601 57<sup>th</sup> Street SE
Charleston, WV 25304

RE: Curly 1U Unit Boundary Lease Statement

enjell

Dear Ms. Raines:

All tracts within the Curly 1U unit are 100% accounted for as being leased.

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

Sincerely,

Shane Dowell Office Manager

3570 Shields Hill Rd, Cairo, WV 26337 \* Phone 304-628-3111 \* Fax 304-628-3119

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

Date of Not	ce Certification:	API No. 4	7- 95 -	02446
area da artica de contra de la contra del la contra del la contra del la contra de la contra de la contra de la contra de la contra del la contra del la contra de la contra del la contra dela		Operator's	Well No. Curly	110
		The state of the s	Name: Curly Pa	
Notice has	been given:			
		§ 22-6A, the Operator has provided the re-	quired parties v	with the Notice Forms listed
	e tract of land as follows:			
State:	West Virginia	UTM NAD 83 Easting:	508,849.4	
County:	Tyler	Northing:	4,368,258.9	
District:	Ellsworth	Public Road Access:	Klondike Ridge R	d
Quadrangle:	Middlebourne 7.5'	Generally used farm name:	Jay-Bee Oil & Ga	as, Inc.
Watershed:	Middle Island Creek			
it has provide information of giving the requirements Virginia Coc of this article.  Pursuant to that the Open	led the owners of the surface descri- required by subsections (b) and (c), se e surface owner notice of entry to su of subsection (b), section sixteen of le § 22-6A-11(b), the applicant shall to have been completed by the applicant West Virginia Code § 22-6A, the Operator has properly served the require	perator has attached proof to this Notice C	section (b), se- equirement was ten of this arti- the surface ov that the notice	ction ten of this article, the deemed satisfied as a result cle six-a; or (iii) the notice wner; and Pursuant to West
*PLEASE CH	ECK ALL THAT APPLY			ONLY
☐ I. NO	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECAL SEISMIC ACTIVITY WAS CONDUC		☐ RECEIVED/ NOT REQUIRED
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	YEY or ☐ NO PLAT SURVEY WAS C	ONDUCTED	☐ RECEIVED
□ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED BECANOTICE OF ENTRY FOR PLAT SURWAS CONDUCTED or		☐ RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY SURFA (PLEASE ATTACH)	CE OWNER	
■ 4. NO	TICE OF PLANNED OPERATION			☐ RECEIVED
■ 5. PU	BLIC NOTICE			☐ RECEIVED
■ 6. NO	TICE OF APPLICATION		DECE	□ RECEIVED
	attachments: - shall attach to this Notice Certificat	ion Form all Notice Forms and Certificat waivers. For the Public Notice, the operat	ions of Notice	IVED  II and Gas  than have been provided to

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 Wastung in a Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavir of service, the return receipt card or other postal receipt for certified mailing.

02/09/2018

#### Certification of Notice is hereby given:

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

Well Operator: Jay-Bee Oil & Gas, Inc

NOTARY S∰eial Seal Notary Public, State Of West Virginia Teresa R. Hall

> 1724 Valley Mill Rd. Waverly, WV 26184

My Commission Expires Oct. 09, 2019

By: Shane Dowell Its: Office Manager

Telephone: 304-628-3111

Address: 3570 Shields Hill Rd.

Cairo, WV 26337

Facsimile: 304-628-3119

Email: s

sdowell@jaybeeoil.com

Subscribed and sworn before me this 16

Notary Public

My Commission Expires Control 2019

Oil and Gas Privacy Notice:

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

Office of Oil and Gas

APR 1 8 2017

WV Department of Environmental Protection

WW-6A (9-13)

API NO. 47	95	.0'	2416	
<b>OPERATOR</b>				
Well Pad Nar	ne: Cur	ly Pad		

WV Department of

Environmental Protection 9/2018

# 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: 4-10-2017 Date Permit Application Filed: 4-10-2017 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: FI SURFACE OWNER(s) COAL OWNER OR LESSEE Name: Anthony Matthew Goffi Irrevocable Trust Name: Address: 745 Lynn Portal Rd Address: Washington, PA 15301 □ COAL OPERATOR Name: Address: Name: \_\_\_\_\_ 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 Address: 745 Lynn Portal Rd Name: □ OPERATOR OF ANY NA CONTROL OF STORAGE FIFE Address: □ SURFACE OWNER(s) (Impoundments or Pits) Name: Address: \_\_\_\_ Name: Address: \*Please attach additional forms if necessary partment of Environmental Protection

API NO. 47- 95 - 02446 OPERATOR WELL NO. Curly 10

Well Pad Name: Curly Pad

#### 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 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a>.

#### 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 to the upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead of springs. The decreament may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient file ares, 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 Approximately 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 states Offerenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well a multiple well pad for the of the wells was permitted prior to the effective date of this article. (e) The secretary shall the properties of 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

API NO. 47- 45 - 02446 OPERATOR WELL NO. Curly 1U

Well Pad Name: Curty Pad

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

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57<sup>th</sup> St. SE
Charleston, WV 25304

APR 1 2 2017

Such persons may request, at the time of submitting written comments, notice of the permit de Nin and a list of protection field to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

Environmental

#### 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 <a href="http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx">http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx</a> and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

#### Permit Denial or Condition

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

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

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

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

Office of Oil and Gas

APR 1 2 2017

WV Department of Environmental Protection

WW-6A (8-13)

API NO. 47- 95 - 62446 OPERATOR WELL NO. Curly 1U Well Pad Name: Curty Pad

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 10th day of Upril, 2017

My Commission Expires

REGEIVED
Office of Oil and Gas APR 1 2 2017

WV Department of Environmental Protection

02/09/2018

API NO. 47- <b>95</b>	02446
OPERATOR WELL	
Well Pad Name: Cur	ty Pad

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

Noti	ce Time Requirement:	notice shall be provi	ded no later than the filing date of permit application.
	e of Notice: <u>4-10-2017</u> D	ate Permit Applica	tion Filed: 4-10-2017
Ø	PERMIT FOR ANY	☐ CERTIFI	CATE OF APPROVAL FOR THE
	WELL WORK	CONSTR	RUCTION OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant (	to West Virginia Co	ode § 22-6A-10(b)
	PERSONAL	REGISTERED	☑ METHOD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
regis sedin the si sedin the si oil ar description operation more well impo have proviproposition proposition proposition provice code water	tered mail or by any meth- nent control plan required urface of the tract on which ad gas leasehold being devibed in the erosion and seator or lessee, in the event e coal seams; (4) The owned work, if the surface tract is bundment or pit as describe a water well, spring or wated water for consumption osed well work activity is ection (b) of this section had so of the sheriff required to ision of this article to the coal of the search of the searc	by section seven of the the well is or is proveloped by the proposed iment control plans the tract of land on wers of record of the sustant section nine of the tract of land on wers of record of the pled in section nine of the tract of land on wers of record of the sustant section nine of the tract of land on wers of record of the sustant section nine of the tract supply source located by humans or domesto take place. (c)(1) It old interests in the lark to be maintened pursue to the plant to t	poundment or pit as required by this article shall deliver, by personal service or by quires a receipt or signature confirmation, copies of the application, the erosion and this article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the sed well work, if the surface tract is to be used for roads or other land disturbance as submitted 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 urface tract or tracts overlying the oil and gas leasehold being developed by the proposed lacement, construction, enlargement, alteration, repair, removal or abandonment of any this 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 stic animals; and (6) The operator of any natural gas storage field within which the f more than three tenants in common or other co-owners of interests described in nds, the applicant may serve the documents required upon the person described in the quant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any ten holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. ator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any nd water testing as provided in section 15 of this rule.
	JRFACE OWNER(s)	_	☐ COAL OWNER OR LESSEE
	e:		
Addı	ress:		Address:
Nam	e:		□ COAL OPERATOR
Addı	ress:		Name:
n SU	JRFACE OWNER(s) (Re	nad and/or Other Dis	Address:
	e:		· · · · · · · · · · · · · · · · · · ·
Addı	ress:		
			Name: Camille Patera
Nam	e:		Address: 1403 Garfield Ave
Addı	ress:		Brunswick , Ohio 44212
			OPERATOR OF ANY NATURAL GAS STORAGE FIELD
	JRFACE OWNER(s) (In		Name:
Nam	e:		Address:
IDDA	ress:		*Please attach additional forms in the land Gas
			*Please attach additional forms of the cessary

APR 1.9 201/
WV Department of
Environmental Protection 1/09/2018

WW-6A (9-13) API NO. 47- **95** - **0244 4**OPERATOR WELL NO. Curty 1U

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: 4-10-2017 Date Permit Application Filed: 4-10-2017 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: ☐ SURFACE OWNER(s) ☐ COAL OWNER OR LESSEE Name: Name: \_\_\_\_ Address: Address: □ COAL OPERATOR Name: \_\_\_\_\_ Address: Name: \_\_\_\_\_ Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) SURFACE OWNER OF WATER WELL Name: Address: AND/OR WATER PURVEYOR(s) Name: Darrell Shrader Name: Address: Po Box 391 Address: Middlebourne, WV 26149 OPERATOR OF ANY NATURAL CASED RAGE FIELD
Name:

Address:

Office of Oil and Gas

\*Please attach additional forms if posssing 2017 □ SURFACE OWNER(s) (Impoundments or Pits) Name: \_\_\_\_\_ Address: \_\_\_\_

WV Department of Environmental Protection 02/09/2018 WW-6A (9-13)

API NO. 47- 95 -	02446
<b>OPERATOR WELL</b>	NO. Curty 1U
Well Pad Name: Curt	y 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: 4-10-2017 Date Permit Application Filed: 4-10-2017 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 Name: \_\_\_\_\_ Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) ☑ SURFACE OWNER OF WATER WELL Name: Address: AND/OR WATER PURVEYOR(s) Name: Denny & Sheila Palmer Address: 47 Woody Lea Wilson Ln. Name: Fairmont .WV 26554 Address: OPERATOR OF ANY NATURAL GAS STORAGE FIELD □ SURFACE OWNER(s) (Impoundments or Pits) \*Please attach additional Politics of necessary 2017

APR 12 2017 Name: Name: Address:

WV Department of Environmental Protection 02/09/2018

API NO. 47- <b>95</b>	- 0244V
OPERATOR WEL	
Well Pad Name: C	urly Pad

02/09/2018

#### 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 the	an the filing date of permit application.
Date of Notice: 4-10-2017 Date Permit Application Filed: 4-10 Notice of:	D-2017
PERMIT FOR ANY WELL WORK  CONSTRUCTION OF	PROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10	0(b)
	IOD OF DELIVERY THAT REQUIRES A IPT OR SIGNATURE CONFIRMATION
registered mail or by any method of delivery that requires a receipt 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, it described in the erosion and sediment control plan submitted pursu operator or lessee, in the event the tract of land on which the well perform the surface tract or the well work, if the surface tract is to be used for the placement, constant impoundment or pit as described in section nine of this article; (5) 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 applicate records of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not	nt may serve the documents required upon the person described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any t notice to a landowner, unless the lien holder is the landowner. W. Va. provide 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:	□ COAL OPERATOR
Address:	Name:
	Address:
□ SURFACE OWNER(s) (Road and/or Other Disturbance)	SURFACE OWNER OF WATER WELL
Name:Address:	AND/OR WATER PURVEYOR(s)
	Name: Eric & Wendy Westbrook
Name:	Address: 100 Mayfield Street
Address:	Middleboume , WV 26149
SURFACE OWNER(s) (Impoundments or Pits)	OPERATOR OF ANY NAME CAS STORAGE FIELD
	Address:
Name:Address:	Middleboume, WV 26149  OPERATOR OF ANY NAMES ECAS STORAGE FIELD  Name: Address:  Office of Oil and Address:  *Please attach additional forms in hecessary
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	atment OI
	*Please attach additional forms (Affecessary  WV Department of  Environmental Protection  02/09/201
	- wronmental
	02/09/20 <sup>-</sup>

WW-6A (9-13)

API NO. 47- 95 - 02444 OPERATOR WELL NO. Curty 1U Well Pad Name: Curty Pad

02/09/2018

#### 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: 4-10-2017 Date Permit Application Filed: 4-10-2017 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: □ COAL OPERATOR Name: Name: Address: □ SURFACE OWNER(s) (Road and/or Other Disturbance) ☑ SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) Address: Name: James Failucco Address: Po Box 433 Name: Middleboume ,WV 26149 Address: \*Please attach additional forms if necessary 2017

APR 1 2 2017 □ OPERATOR OF ANY NATURAL GAS STORAGE FIELD □ SURFACE OWNER(s) (Impoundments or Pits) Name: \_\_\_ Address: WV Department of Environmental Protection

API NO. 47- <b>95</b>	_ 0	2446
OPERATOR WE	ELL NO.	Curly 1U
Well Pad Name:	Curly Pad	

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

Noti	ice Time Requirement: notice shall be provid	ed no later than the filing date of permit application.					
	e of Notice: 4-10-2017 Date Permit Applicati	ion Filed: 4-10-2017					
1401	ice of:						
$\checkmark$	PERMIT FOR ANY CERTIFIC	CATE OF APPROVAL FOR THE					
	WELL WORK CONSTRU	UCTION OF AN IMPOUNDMENT OR PIT					
Deli	very method pursuant to West Virginia Coo	de § 22-6A-10(b)					
☐ PERSONAL ☐ REGISTERED ☑ METHOD OF DELIVERY THAT REQUIRES A							
_	SERVICE MAIL	RECEIPT OR SIGNATURE CONFIRMATION					
		the filing date of the application, the applicant for a permit for any well work or for a					
sedin the so oil and description operation well important provers provers and the second pr	ment control plan required by section seven of the surface of the tract on which the well is or is proposed as leasehold being developed by the proposed ribed in the erosion and sediment control plan surface or lessee, in the event the tract of land on where coal seams; (4) The owners of record of the surface work, if the surface tract is to be used for the plan beautiful to the plan of the surface water well, spring or water supply source located water for consumption by humans or domest cosed well work activity is to take place. (c)(1) If section (b) of this section hold interests in the landerds of the sheriff required to be maintained pursuation of this article to the contrary, notice to a lie e. R. § 35-8-5.7.a requires, in part, that the operation	uires a receipt or signature confirmation, copies of the application, the erosion and is article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the ext 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 the dwithin 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 nant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any en holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. tor shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any dwater testing as provided in section 15 of this rule.					
☑ A	Application Notice	S Plan Notice □ Well Plat Notice is hereby provided to:					
☑ SU	JRFACE OWNER(s)	☐ COAL OWNER OR LESSEE					
	ne: Jay-Bee Production Company	Name:					
	ress: 3570 Shields Hill Rfd	Address:					
-	WV 26337	□ COAL OPERATOR					
Nam	ress:	27					
Auu	1655.	Name:Address:					
□ SI	JRFACE OWNER(s) (Road and/or Other Dist	rurbance)					
	ne:						
Add	ress:	AND/OR WATER PURVEYOR(s)					
		Name: Jay-Bee Production Company					
Nam	ne:	Address: 3570 Shields Hill Rfd					
Add	ress:	Cairo, WV 26337					
		OPERATOR OF ANY NATURAL GAS STORAGE FIELD					
	JRFACE OWNER(s) (Impoundments or Pits)	Name:					
Nam	ne:	Address: REOF, and Gas					
Add	ress:	*Disco shoot addition Office of United					
		OPERATOR OF ANY NATURAL GAS STORAGE FIELD  Name:  Address:  Please attach addition Office of necessary  APR 1 2 2017					

WV Department of
Environmental Protection
02/09/2018

WW-6A (9-13)

API NO. 47- <b>9.5</b>	02446
<b>OPERATOR WELL</b>	NO. Curly 1U
Well Pad Name: Cur	ly 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 that	in the filing date of permit application.
Date of Notice: 4-10-2017 Date Permit Application Filed: 4-10 Notice of:	-2017
PERMIT FOR ANY CERTIFICATE OF APPROVED 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 pursus operator or lessee, in the event the tract of land on which the well prince coal seams; (4) The owners of record of the surface tract or trackel work, if the surface tract is to be used for the placement, constitution of this article; (5) A neave a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for consumption by humans or domestic animals; and provide water for humans or domestic animals; and provide water for humans or domestic animals;	e tenants in common or other co-owners of interests described in the 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.  UNCOAL OWNER OR LESSEE
Name:Address:	Name: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: Leon & Drema Ison Life Estate
Name:	Address: 192 Beverly Lane
Address:	Julian , WV 25529
SURFACE OWNER(s) (Impoundments or Pits)	OPERATOR OF ANY NATURAL STORAGE FIELD  Name:  Address:  Office of Olivand  2017
Name:	Address: OSICE Of OH SILVE
Address:	<u> </u>
	*Please attach additional forms the desiraly
	WV Department of  Environmental Protection  02/09/20
	Environment
	Environ 02/09/20

02/09/2018

API NO. 47- 95 - 02444 OPERATOR WELL NO. Curly 1U Well Pad Name: Curty Pad

02/09/2018

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

Noti	ce Time Requireme	ent: n	otice shall be provid	ded no	later tha	in the filing d	ate of per	mit applicati	on.		
	e of Notice: 4-10-2017 ce of:	_ Da	te Permit Applicat	ion Fi	led: <u>4-10-</u>	-2017					
<b>7</b>	PERMIT FOR ANY WELL WORK	Y				PROVAL FOR AN IMPOUN		OR PIT			
Deli	very method pursu	ant to	o West Virginia Co	de § 2	2-6A-10	(b)					
	PERSONAL	<b>7</b>	REGISTERED	7	METH	OD OF DELI	VERY TH	IAT REOUIR	RES A		
	SERVICE		MAIL			PT OR SIGN		-			
regiss sedii the soil a description descri	ficate of approval for tered mail or by any rement control plan requurface of the tract on and gas leasehold being ribed in the erosion are actor or lessee, in the expectation of the surface to coal seams; (4) The work, if the surface to common the surface to common the surface to coal seams and the surface to coal seams and the surface to coal seams and the surface to coal seams (4) The surfa	metho which g devivent ( g devivent) g devivent ( cowner act is acribe prion ty is t don ho ired to the course, owner	d of delivery that requests section seven of the the well is or is properly by the proposition of the tract of land on we are of record of the sure to be used for the place of the place o	uires a nis artic posed t ed well ubmitte hich th rface tr acement his artic ated wit ted anire more to ads, the uant to en hold ator sha	receipt of cle, and the below of the cle; (5) A thin one cle; (5) A thin one cle; applicar section of the cle; is not cle; is	or signature con the well plat to ated; (2) The of the surface traint to subsection roposed to be controlled to the controlled the controlled to the controlled to the controlled to the controlled to a language tenants in controlled to a language to a lan	nfirmation each of the wners of react is to be on (c), sectifilled is lothe oil and ement, alterner or wat hundred fettor of any mmon or common or common edocument, util Siet Safes	copies of the e following period of the surveyor of the cated [sic] is leasehold tration, repair, the provider of the center of the center of the center of the center of the conternatural gas stoother co-owner of the center of	application, the risons: (1) The rface tract or to sor other land his article; (3) known to be urbeing development or about the roof the well prage field with rs of interests con the person his code. (2) No colder is the last properties of the surface of the su	ne erosion owners of tracts overldisturband. The coal of the coal of the coal of the coal of the application which is the coal of the application which is the coal of the coal owners.	and f record of lying the ce as owner, y one or proposed t of any cant to is used to the in in the ding any W. Va.
	JRFACE OWNER(s					COAL OV					
Nam Add	ress:		·	=		Name: Address:			<u></u>	-	
				_						<u>-</u>	
				•		□ COAL OF Name:					
				- -		Address:				- -	
	JRFACE OWNER(s				ce)			R OF WATER		- ,	
Add	ress:			-		AND/OR W	ATER PU	JRVEYOR(s)			
				_		Name: Micha				- "	
Nam	ress:					Middlehoume	MV 26149			_	
						OPERATO	OR OF A	NY NATURA	L CAS STOR	RAGE FIF	€LD
	JRFACE OWNER(s					Name:		HEGEN	and Gas	-	
Add	ne: ress:					Addiess		110 to 000	Silv	_	
				-		*Please attac	ch add kið	NY NATURA FIGE OF OIL Hall forms if ne APR 1	Gestally	_	
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API NO. 47-	95	02446	_
OPERATOR	WELL	NO. Curty 1U	
Well Pad Nar	ne: Cur	ly Pad	

02/09/2018

Notice Time Requirement: notice shall be provided no later the	nan the filing date of permit application.
Date of Notice: 4-10-2017 Date Permit Application Filed: 4-1 Notice of:	10-2017
<ul><li>✓ PERMIT FOR ANY</li><li>WELL WORK</li><li>CERTIFICATE OF AF</li><li>CONSTRUCTION OF</li></ul>	PPROVAL FOR THE FAN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-1	l <b>0</b> (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 receipt 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 look of and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursuapperator or lessee, in the event the tract of land on which the well is more coal seams; (4) The owners of record of the surface tract or the 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) mave a water well, spring or water supply source located within on provide water for consumption by humans or domestic animals; and 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 not covered to the series of the series of the series, 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)	e □ Well Plat Notice is hereby provided to: □ COAL OWNER OR LESSEE
Name:Address:	Name: Address:
Name:	□ COAL OPERATOR
Address:	Name:
SURFACE OWNER(s) (Road and/or Other Disturbance)	Address:
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s) Name: Preston & Karen Peek
Name:	Address: 222 Klondike Acres
Name:Address:	Middlehoume WV 26149
	□ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	OPERATOR OF ANY NATURAL GAS STORAGE FIELD  Name: Address:  *Please attach addit@airorms if necessary  APR 1 2 2 2 5 6
Name:	Address: Alexand Car
Address:	*Please attach addit@## forms if necessary
	100 12 701
	APR 12 2011  WV Department of  WV Department of  02/09/20
	WV Department of O2/09/2016  Environmental Protection O2/09/2016
	WV Deprental Profes 02/09/20
	Environnie 02/09/20

API NO. 47- <b>95</b> -	02446
OPERATOR WELL	
Well Pad Name: Curty	Pad

02/09/2018

rvotice Time Requirement: notice shall be provided no late	r than the ming date of permit application.
Date of Notice: 4-10-2017 Date Permit Application Filed:	4-10-2017
☑ PERMIT FOR ANY ☐ CERTIFICATE OF	APPROVAL FOR THE
	OF AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6	A-10(b)
☐ PERSONAL ☑ REGISTERED ☑ MI	ETHOD OF DELIVERY THAT REQUIRES A
	CEIPT OR SIGNATURE CONFIRMATION
certificate of approval for the construction of an impoundment registered mail or by any method of delivery that requires a reconsediment control plan required by section seven of this article, as the surface of the tract on which the well is or is proposed to be solil and gas leasehold being developed by the proposed well work described in the erosion and sediment control plan submitted properator or lessee, in the event the tract of land on which the womore coal seams; (4) The owners of record of the surface tract owell work, if the surface tract is to be used for the placement, or impoundment or pit as described in section nine of this article; have a water well, spring or water supply source located within provide water for consumption by humans or domestic animals proposed well work activity is to take place. (c)(1) If more than subsection (b) of this section hold interests in the lands, the apprecords of the sheriff required to be maintained pursuant to sector provision of this article to the contrary, notice to a lien holder is	date of the application, the applicant for a permit for any well work or for a or pit as required by this article shall deliver, by personal service or by cipt or signature confirmation, copies of the application, the erosion and and the well plat to each of the following persons: (1) The owners of record of clocated; (2) The owners of record of the surface tract or tracts overlying the rk, if the surface tract is to be used for roads or other land disturbance as ursuant to subsection (c), section seven of this article; (3) The coal owner, cell proposed to be drilled is located [sic] is known to be underlain by one or or tracts overlying the oil and gas leasehold being developed by the proposed construction, enlargement, alteration, repair, removal or abandonment of any (5) Any surface owner or water purveyor who is known to the applicant to one thousand five hundred feet of the center of the well pad which is used to and (6) The operator of any natural gas storage field within which the three tenants in common or other co-owners of interests described in clicant may serve the documents required upon the person described in the ion eight, article one, chapter eleven-a of this code. (2) Notwithstanding any is not notice to a landowner, unless the lien holder is the landowner. W. Va. so provide the Well Site Safety Plan ("WSSP") to the surface owner and any ting as provided in section 15 of this rule.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ SURFACE OWNER(s)	tice
Name:	Name:
Address:	Address:
Name:	□ COAL OPERATOR
Address:	Name:
CURRAGE CURRENCY (P. 1. U. col. Pic. 1.	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	SURFACE OWNER OF WATER WELL
Name:Address:	AND/OR WATER PURVEYOR(s)
Name:	Name: Ryan & Melinda Walton Address: 42 Gorreits Run Road
Address:	Middlebourne , WV 26149
	□ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name: Address: REGENTED  *Please attach additional farms Phecessary  Officers 12 2017
Name:	Address: BEGEIVED Gas
Address:	*Please attach additional forms Checessary
	Office C. 2017
	MI 1"
	- martment ortion
	APR 122 WV Department of 02/09/20 Environmental Protection
	Environme
	LI''

WW-6A (9-13) API NO. 47- 95 - 0244 6
OPERATOR WELL NO. Curty 1U
Well Pad Name: Curty Pad

Noti	ice Time Requirement: notice shall be provided	ed no later than the filing date of permit application.	
	e of Notice: 4-10-2017 Date Permit Application ice of:	on Filed: 4-10-2017	
<b>7</b>		ATE OF APPROVAL FOR THE ICTION OF AN IMPOUNDMENT OR PIT	
Deli	very method pursuant to West Virginia Code	e § 22-6A-10(b)	
	PERSONAL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION	
certi regis sedin the s oil a desc oper more well impo have prov prop subs recoil prov Code water	ficate of approval for the construction of an impouratered mail or by any method of delivery that require ment control plan required by section seven of this a surface of the tract on which the well is or is proposed to a leasehold being developed by the proposed with the erosion and sediment control plan submator or lessee, in the event the tract of land on which e coal seams; (4) The owners of record of the surface work, if the surface tract is to be used for the place bundment or pit as described in section nine of this a water well, spring or water supply source located ide water for consumption by humans or domestic a osed well work activity is to take place. (c)(1) If most of the sheriff required to be maintained pursuantision of this article to the contrary, notice to a lien here. § 35-8-5.7.a requires, in part, that the operator r purveyor or surface owner subject to notice and we	the filing date of the application, the applicant for a permit for any well work or undment or pit as required by this article shall deliver, by personal service or by ires a receipt or signature confirmation, copies of the application, the erosion and a sarticle, and the well plat to each of the following persons: (1) The owners of record to be located; (2) The owners of record of the surface tract or tracts overlying well work, if the surface tract is to be used for roads or other land disturbance omitted pursuant to subsection (c), section seven of this article; (3) The coal own inch the well proposed to be drilled is located [sic] is known to be underlain by o face tract or tracts overlying the oil and gas leasehold being developed by the proposed to the construction, enlargement, alteration, repair, removal or abandonment of sarticle; (5) Any surface owner or water purveyor who is known to the applicant ed within one thousand five hundred feet of the center of the well pad which is to 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 ant to section eight, article one, chapter eleven-a of this code. (2) Notwithstandin holder is not notice to a landowner, unless the lien holder is the landowner. We or shall also provide the Well Site Safety Plan ("WSSP") to the surface owner as water testing as provided in section 15 of this rule.	nd ecord of ing the as ner, one or oposed of any int to used to the ing any Va.
Nam	JRFACE OWNER(s) ne: ress:	COAL OWNER OR LESSEE  Name:  Address:	
Nam Add	ress:	□ COAL OPERATOR Name: Address:	
Nam	JRFACE OWNER(s) (Road and/or Other Disturble: ress:	☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)	
Nam Add	ress:	Address: 203 Klondike Acres Road  Middlebourne, WV 26149  DPERATOR OF ANY NATURAL CAN STORAGE FIEL	.D
Nam	URFACE OWNER(s) (Impoundments or Pits) ne: ress:	Name: Seigel & Carolyn White  Address: 203 Klondike Acres Road  Middlebourne, WV 26149  DPERATOR OF ANY NATURAL CASS BORAGE FIEL  Name: Address:  *Please attach additional forms if necessary	
		*Please attach additional forms if necessary  WV Departmental Protection  Environmental Protection	0 <b>U</b>
		Flie	

WW-6A (9-13) API NO. 47-45 - 0 2446
OPERATOR WELL NO. Curty 10
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: 4-10-2017 Date Permit Application Filed: 4-10-2017 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 Name: Address: Address: ☐ SURFACE OWNER(s) (Road and/or Other Disturbance) SURFACE OWNER OF WATER AND/OR WATER HIGH VEYOR(s) Name: Address: Name: Terry Coleman □ OPERATOR OF ANY NA DARL SARROLES

Name:

Address: Name: Address: □ SURFACE OWNER(s) (Impoundments or Pits) Address: \_\_\_ Name: \_\_\_\_\_ Address: \*Please attach additional forms if necessary

WW-6A (9-13) API NO. 47- **95** - **02444**OPERATOR WELL NO. Curly 10

Well Pad Name: Curly Pad

Notice Time Re	quirement: notice shall be provi	ided no later than the filing date of permit application.
Date of Notice: Notice of:	4-10-2017 Date Permit Applica	tion Filed: 4-10-2017
PERMIT F WELL WO		ICATE OF APPROVAL FOR THE RUCTION OF AN IMPOUNDMENT OR PIT
Delivery metho	l pursuant to West Virginia Co	ode § 22-6A-10(b)
□ PERSONA	L	✓ METHOD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
the surface of the boil and gas leaseh described in the experator or lessee more coal seams; well work, if the suppoundment or provide water for proposed well work subsection (b) of records of the she provision of this a Code R. § 35-8-5	tract on which the well is or is pro- old being developed by the propos- rosion and sediment control plan s , in the event the tract of land on w (4) The owners of record of the su- surface tract is to be used for the plant as described in section nine of the , spring or water supply source loc- consumption by humans or domes rk activity is to take place. (c)(1) In this section hold interests in the lateriff required to be maintained pursurticle to the contrary, notice to a lift. 7.a requires, in part, that the oper	this article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the sed well work, if the surface tract is to be used for roads or other land disturbance as submitted 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 urface tract or tracts overlying the oil and gas leasehold being developed by the proposed lacement, construction, enlargement, alteration, repair, removal or abandonment of any this article; (5) Any surface owner or water purveyor who is known to the applicant to eated within one thousand five hundred feet of the center of the well pad which is used to stic animals; and (6) The operator of any natural gas storage field within which the f more than three tenants in common or other co-owners of interests described in ands, the applicant may serve the documents required upon the person described in the suant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any ien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. rator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any and water testing as provided in section 15 of this rule.
☑ Application 1	Notice 🛮 WSSP Notice 🗷 E&	2S Plan Notice
SURFACE OV		☐ COAL OWNER OR LESSEE
Name:		Name:
Address:		Address:
Name:		□ COAL OPERATOR
Address:		Name:
OT IDEA OF OT	IDIED (1) (Day 1 and 1/an Odern Di	Address:
	VNER(s) (Road and/or Other Dis	CISTIREACE OWNED OF WATERS WILL
Address		AND/OR WATER PURPLE OR S and Gas Name: William Marich Address: Po Box 550 ffice of Olivania
<u> </u>		Name: William Marich
Name:		Address: Po Box 550 MICO
Address:		Mon WA/25626 - 1 17 / U 11
		_ U OPERATOR OF ANY NATURAL DAS STORAGE FIELD
	VNER(s) (Impoundments or Pits)	OPERATOR OF ANY NATURAL GAS STORAGE FIELD  Name:  Address:  WV Department Of Address:
Name:		Address: Wy Debaral Protection
nuuless		Name:  Address: WV Department of the protection  *Please attach additions if necessary

API NO. 47- <b>95</b> -	०२५५५
OPERATOR WELL N	
Well Pad Name: Curty P	'ad

02/09/2018

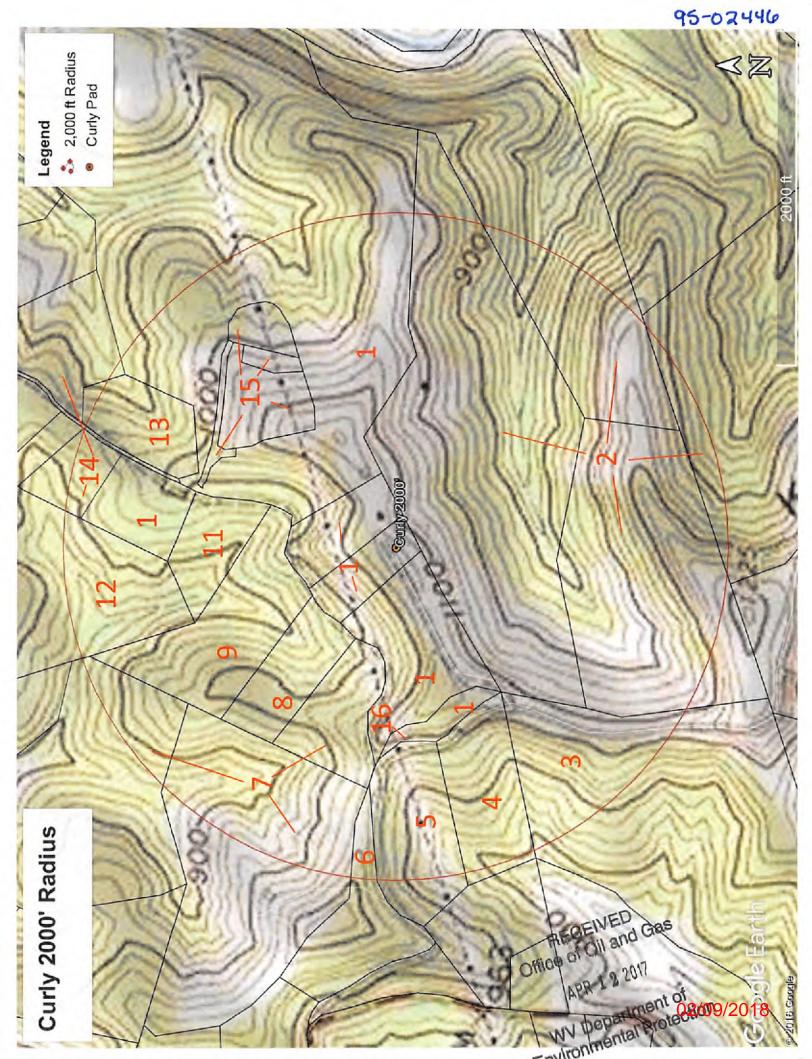
UNI MARARIMENT OF

Noti	ce Time Requirement:	notice shall be provided no	later than the filing date of permit application.
	e of Notice: <u>4-10-2017</u> D	ate Permit Application Fil	led: 4-10-2017
<b>✓</b>	PERMIT FOR ANY WELL WORK		OF APPROVAL FOR THE ON OF AN IMPOUNDMENT OR PIT
Deli	very method pursuant	to West Virginia Code § 22	2-6A-10(b)
	PERSONAL SERVICE	REGISTERED	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
sedin the si oil ar descri opera more well impo have provi prope subser recor provi Code water	nent control plan required urface of the tract on which digas leasehold being desibed in the erosion and so ator or lessee, in the event coal seams; (4) The own work, if the surface tract undment or pit as describ a water well, spring or wide water for consumption seed well work activity is section (b) of this section is described in the section of the sheriff required sion of this article to the R. § 35-8-5.7.a requires purveyor or surface own	If by section seven of this article the well is or is proposed to veloped by the proposed well bediment control plan submitted the tract of land on which the tract of land on which the series to be used for the placement and in section nine of this article ater supply source located with the by humans or domestic animal to take place. (c)(1) If more the to be maintained pursuant to contrary, notice to a lien hold in part, that the operator shaper subject to notice and water	receipt or signature confirmation, copies of the application, the erosion and ele, and the well plat to each of the following persons: (1) The owners of record of to 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 ad pursuant to subsection (c), section seven of this article; (3) The coal owner, e well proposed to be drilled is located [sic] is known to be underlain by one or act or tracts overlying the oil and gas leasehold being developed by the proposed at, construction, enlargement, alteration, repair, removal or abandonment of any cle; (5) Any surface owner or water purveyor who is known to the applicant to thin one thousand five hundred feet of the center of the well pad which is used to hals; and (6) The operator of any natural gas storage field within which the han three tenants in common or other co-owners of interests described in applicant may serve the documents required upon the person described in the section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any er is not notice to a landowner, unless the lien holder is the landowner. W. Va. all also provide the Well Site Safety Plan ("WSSP") to the surface owner and any resting as provided in section 15 of this rule.
□SU	pplication Notice		Notice
Addı	ress:		Address:
Nam Addı			COAL OPERATOR Name: Address:
Nam Addi Nam	e: ess:		ce)  SURFACE OWNER OF WATER WELL
Nam	RFACE OWNER(s) (In e:ess:	<u> </u>	AND/OR WATER PURVEYOR(s) Name: Timothy & Jasmine Kanz Address: 235 Virginia Street RECOIL and Gas New Martinsville, WV 26155  OPERATOR OF WINATURAL CONSTORAGE FIELD Name: Address:  *Please attach additional Whys Pinecessal Protection  Environment of and Gas
			ENVIRONMENTED Gas

WW-70 Rev. 7/01

#### Affidavit of Personal Service

State Of West Virginia	
County Of Rachie	
The undersigned, being first duly sworn, says that the undersigned served a true complete copy of all sides of	and
(4) Constructing the well location on Form WW-6, and X WW-5(B) / WW-6(B) X Es	SSPx SSx SDSx
Jay-Bee Oil & Gas, Inc., Jay Bee Production Company, Jay-Bee Royalty, LLC	
on the n day of March , 2017 in the manner specified below.	
(COMPLETE SPECIFIED DELOW.	
[COMPLETE THE APPROPRIATE SECTION]	
For an individual:	
[ ] Handing it to him / her / or, because he / she / refused to take it working it in his / her / presence.	hen
[ ] 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 possible.  For a partnership:	
Handing it to because the partner refused to take it when I handed it over, by leaving it in the preser of the partner.	noe.
For a limited partnership:	100
( ) Wonding is	
because the general partner refused to take it when I tried to hand it over, by leaving in the presence of the general partner.	t
For a corporation.	
[X] Handing it to the corporation's employee X / officer / director / attorney in fact / named Teresa Hall	
Ac- H-	
(Signature of person executing service)	
Taken, subscribed and sworn because	
My commission expires Africa 18 2023	
in the second second	
Notary Public	
(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)	
OFFICIAL SEAL Commissioner for West Virginia Shane M. Dawell Belpre, OH My Commission Expires April 18, 2022	



# 95-02446

#### 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	<b>NEW MARTINSVILLE</b>	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



Operator Well No. antamilianta conti

Date of N		-	ided at least SEVEN (7	) days but no more	than FORTY-FIVE (45) days prior to
Delivery :	otice: 02/21/2017		ned Entry: 02/28/2017		
	nethod pursuant	to West Virginia Co	de § 22-6A-10a		
_	BONAL		☐ METHOD OF I	DELIVERY THAT	REQUIRES A
but no mon beneath suc owner of m and Sedime Secretary, v enable the s	e than forty-five d th tract that has fil inerals underlying ant Control Manua which statement sh	ays prior to such entred a declaration pursus such tract in the count and the statutes and tall include contact in the tain copies from the	y to: (1) The surface ow lant to section thirty-sin ity tax records. The no rules related to all and formerican in the disease	s article. Such non rner of such tract; ( k, article six, chapt rtice shall include s	ator shall provide notice of planned entry ce shall be provided at least seven days (2) to any owner or lessee of coal seams or twenty-two of this code; and (3) any a statement that copies of the state Erosic d production may be obtained from the opage on the Secretary's web site, to
_		•			
	CE OWNER(s)		□ co	AL OWNER OR	T DOCED
Name:	_	_	Name:	······································	DESSE
Address:		<u>.                                    </u>	Address	-	
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Autoss;			■ MIN	NFRAI OWNER	9)
Name:		_		itigatop Copital ,LP & Rid	
Address:	<b>-</b> .		Address	Pe Box 1188	_ /
rumicos.			McMarrey ,F	PA 16917	
			*please att	sch additional forms if	ROCCESSIV
Notice is he Pursuant to V a plat survey State: County:	treby given: Vest Virginia Code on the tract of lan West Vights Ther	e § 22-6A-10(a), notk d as follows:		itude & Longitude	
District:	Elevante		Watershed:	Access:	Klondka Road
Quadrangie:	Middlebourne 7.8	a transmission of the second		- 4 &	Middle Island Crook
<del>-</del>				ed farm name:	Jay Bee Production
	state Erosion and	Sediment Control Ma	mual and the statutes an	vi mier relevat sa e	oil and gas exploration and production
Charleston, Wood obtained from	V 25304 (304-92), the Secretary by	6-0450) Continue of a	rtment of Environments uch documents or addit pov/oil-and-pas/pages/	n Lionection ucado	oil and gas exploration and production quarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
Charleston, Woodtained from	V 25304 (304-92) the Secretary by the Secretary by the secretary by:	6-0450) Continue of a	ash dominants as 111	n Lionection ucado	no and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be
Charleston, Wobtained from  Notice is her Well Operator	V 25304 (304-92) the Secretary by the Secretary by the secretary by:	6-0450). Copies of a visiting www.dep.wv.	ash dominants as 111	ional information i default.aspx.	no and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be
Charleston, Wobtained from  Notice is her Well Operator Telephone:	V 25304 (304-92) the Secretary by the Secretary by the by:	6-0450). Copies of a visiting www.dep.wv.	uch documents or addit gov/oil-and-gas/pages/	in Potection nearly iconal information i default aspx.	no and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be
Charleston, Wobtained from  Notice is her Well Operator	V 25304 (304-92) the Secretary by the Secretary by the by:	6-0450). Copies of a visiting www.dep.wv.	uch documents or addit gov/oil-and-gas/pages/o Address:	ar Protection needed ional information i default aspx.  3570 Shierie H2 Rd. Calo, WV 28557	no and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be
Charleston, Wobtained from  Notice is her Well Operator Telephone: Email:	V 25304 (304-92) the Secretary by the Se	16-0450). Copies of a visiting www.dep.wv.	nch documents or addit gov/oil-and-gas/pages/o Address: Facsimile:	as rocetton nead icnal information i default.aspx. 3570 Shierie H2 Rd. Calto, WV 28337 304-528-3119	WED Gas  hoard murber, as part of our regulatory

02/09/2018

WW-6A3 (1/12)

Operator Well No. Own Date 14. Out 2 Out 20

Notice Ti	ime Requirem	ent: Notice	shall be provide	ed at least SEVEN	(7) days but no mon	than FORTY-FIVE (4	19 dave price to
Date of N	iotice: 02/21/2017			d Entry: 02/28/201		(,	ay any o prior to
Delivery	method pursu	ent to West	Virginia Code	§ <b>22-6A-</b> 10a			
	SONAL VICE	e regis Mail	TERED	☐ METHOD O	F DELIVERY THAT R SIGNATURE CON	FREQUIRES A	
but no more beneath su owner of n and Sedim Secretary, enable the	re than forty-five that has been tract that has been tracted and erly centred Masser (surface owner (	e days prior  filed a deciving such tra  nual and the  shall inclu  o obtain cor	to such entry the laration pursuant in the county statutes and rude country info	r to filing a permit quired pursuant to o: (1) The surface at to section thirty r tax records. The les related to oil a	application, the oper this article. Such not owner of such treet; six, article six, chapt notice shall include:	ator shall provide notice shall be provided at le (2) to any owner or lesse at twenty-two of this con a statement that copies of different production may be obto page on the Secretary's	east seven days  e of coal seams  de; and (3) any  f the state Brosio
_	ereby provide ACE OWNER(						
Name:	ace owner(	8)			COAL OWNER OR	LESSEE	
Address:			-	Nam Addr	3;	_	
Name:				-			
Address:					AINERAL OWNER	(s)	
Name:	•			· Name	David L. Maple	· /	
Address:				Greens	288; 5101 Grandover Hwy. 2000 , NC 27407 attach additional forms if		
Pursuant to \ a plat survey State: County:	ereby given: West Virginia ( on the tract of West Vighta Tyler	Code § 22-6/ land as folio	A-10(a), notice ws:	Approx. I	at the undersigned we stitude & Longitude: ad Access:		ntry to conduct
District:	(Clawcrin			Watershee		Klondika Road	
Quadrangle:	Middlebourne 7.5			Generally	used farm name:	Mildule Island Crock Lay Bee Production	· · ·
Charleston, Wood	/V 25304 (304) the Secretary ( reby given by	-926-0450). by visiting w	Coming of man	h documents or ad v/oil-and-;as/pay	ditional information (es/default.aspx.	oil and gas exploration ar tuariers, located at 601 5 related to horizontal drill	ad production 7 <sup>th</sup> Street, SE, ing may be
Telephone:	304-628-3111	a, inc.		Address	3570 Shields Hill Rd.		
Email:	scines (Sleyboec	Loca		Facsimil	Cairo, WV 26837 5: \$04-628-3119		
The Office of duties. Your p	nply with state	ocesses your ation may b utory or re- sonal inform	gulatory require	other State agencements, including	AA	the Viener, separate of the particular for requests. On Parsonal information, of 18 2 informa	please contact
					Elia		02/0

Operator Well No. Date LOute BL Date 2 Oute 24

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

Notice entry	Time Require	ment: Notice s	hall be provided	at least SEVEN (7	7) days but no more	than FORTY-FT	VE (45) days prior to
Date 6	of Notice: 02/21/2		Date of Planned				(10) 10) [110]
Delive	ry method pur	suant to West	Virginia Code §	22-6A-10a			
	ersonal Ervice	REGIST	TERED [	METHOD OF I	DELIVERY THAT	REQUIRES A	
but no a beneath owner of and Sec Secreta	more than forty- a such tract that i of minerals unds liment Control N ty, which statem	five days prior has filed a deck alying such trace danual and the sent shall include	to such entry to: aration pursuant to in the county ta	ofiling a permit appred pursuant to the (1) The surface over the surface over the surface over the surface over the surface of	plication, the open is article. Such noti vner of such tract; ( a, article six, chapt	ator shall provide rice shall be provide (2) to any owner or er twenty-two of the a statement that con	notice of planned entry ed at least seven days lessee of coal seams tis code; and (3) any pies of the state Erosion the obtained from the stary's web site, to
Notice	s bereby provid	led to:					
Name: _ Address	RFACE OWNE	R(s)	<del></del>	Name:Address	OAL OWNER OR 1	LESSEE	
Name: Address:				₽ va		<del>-</del>	_
Name: Address:				Name: 9 Address	NERAL OWNER(s college Griffin Ash 1818 Newbarry Drive 1, WV 20101	8)  ·	
 37 - 48 - 4					sch additional forms if	LECCSSATY	
Pursuant a plat sur		: Code § 22-6A of land as follo	10(a), notice is l ws:	tereby given that t	the undersigned we	ell operator is plant	ing entry to conduct
State: County:	West Virginia Tyler			Approx. Lat	itude & Longitude:	39.463789 x -50.59693	4
District: Quadrang	Effervorth	e e		Public Road Watershed: Generally us	Access: ed farm name:	Kondike Road Middle Island Crock	
Charleston	. WV 25304 <i>(</i> 3	04-026-04501	Comies of maked	and the statutes ar	nd rules related to o	pil and gas explorate the property of the prop	ion and production 601 57 <sup>th</sup> Street, SE, I drilling may be
	hereby given						
Well Open	tor: Jay-Bee CO &	-		Address:	3570 Shields Hill Rd.		
Telephone	304-828-3111				Cairo, WV 20337		
Email:	edowni @eyte	modil.com		Facsimile:	804-829-3119	<u> </u>	
The Office duties. You needed to appropriate	comply with si y secure your p	mation may be mation may be atutory or reg ersonal informa-	ulatam, mand	ents, including I	cont our use of Aon reedeartif (Prop.	TOP NOTINE CAN	art of our regulatory  Sof business or as ts. Our office will tion, please contact

Operator Well No. On Law W. Out 2 Con 22

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

•	tice: 02/21/20		rided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to need Entry: 02/28/2017
Delivery m	ethod pura	ant to West Virginia Co	· - ·
	ONAL	REGISTERED MAIL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
but no more beneath suc owner of mi and Sedimer Secretary, we enable the su	than forty-fi tract that h merals under nt Control M hich stateme urface owner	ve days prior to such entressible a declaration pursuiting such tract in the consumal and the statutes and at shall include contact in the obtain copies from the	rior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days by to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams uant to section thirty-six, article six, chapter twenty-two of this code; and (3) any any tax records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the aformation, including the address for a web page on the Secretary's web site, to secretary.
Notice is he	reby provid	ed to:	
	CE OWNER	(8)	☐ COAL OWNER OR LESSEE
Name: Address:			Name: Address:
Name: Address:			MINERAL OWNER(s)
Name:Address:	_		Name: Use Maple Guzylek Address: 7825 Capital Ave. Whitmore, Mr 48159 Presso attech additional forces if nocessary
Notice is he Pursuant to W a plat survey o State: County: District: Quadrangle:	est Virginia	Code § 22-6A-10(a), not f land as follows:	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:  Approx. Latitude & Longitude: 39.483739 x -60.898334  Watershed: Jacobs Road  Middle Rand  Approx. Latitude & Longitude: 39.483739 x -60.898334    Vandille Road   Vandille Road
Charleston, W	V 25304 (30	4-926-0450) Coning of	anual and the statutes and rules related to oil and gas exploration and production artment of Environmental Protection headquarters, located at 601 57 <sup>th</sup> Street, SE, such documents or additional information related to horizontal drilling may be <a href="mailto:cov/oil-and-gas/pages/default.aspx">ccv/oil-and-gas/pages/default.aspx</a> .
Notice is her Well Operator:	Jay-Boo Cil &	~	Address: 3570 Shloids His Rd.
Telephone: Email:	304-828-3111 adown#@jay6e	eckcom	Cetro, WV 25337 Facsimile: 304-829-3119
needed to com	Oil and Gas personal information	rocesses your personal in mation may be disclosed	formation, such as name, address spits before number 1998 to four regulatory to other State agencies or third parties in the administration of business or as quirements, including Free Hills Information Act requests. Our office will u have any questions about our use or your personal priformation, please contact APR Projection  WV Department of Environmental Projection

02/09/2018

Operator Well No. Com a Compatitude of 2. Octobrate

ne Requirement	Notice shall be provide	led at least SEVEN (7) day	s but no more th	en FORTY-FIVE (45) down
otice: 02/21/2017				
ethod pursuant				
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onal o	REGISTERED MAIL	METHOD OF DELT RECEIPT OR SIGNA	VERY THAT R	EQUIRES A RMATION
than forty-five d th tract that has fil inerals underlying at Control Manus which statement al urface owner to o	ays prior to such entry led a declaration pursus a such tract in the count if and the statutes and re sall include contact info btain copies from the sa	to: (1) The surface owner omet to section thirty-six, arti- ty tax records. The notice sules related to oil and gas ex-	rie. Such nonce if such tract; (2) cle six, chapter ( hall include a st	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 conies of the state Proving
	<b>):</b>			
CE OWNER(8)		COAT. C	WAIRE OF IR	CODD
		Name:Address:	WINDROKED	Jane
	-	■ MINERA		-
	<u>~</u>	Address: 406 6 Cape Com FL 339	E. 17th Ave.	
Vest Virginia Code on the tract of lan West Virginia Tyler Eleverte Middlebourne 7.5 state Erosion and ed from the Secre V 25304 (304-92	Sediment Control Man tary, at the WV Depart	Approx. Latitude ( Public Road Accel Watershed: Generally used far unal and the statutes and rule ment of Environmental Pro	& Longitude: ss: m name: ss related to oil a tection headqua	38.483739 x -80.896334  Klondiko Roed  Middle baked Creek Jay See Production  and gas, exploration and production
			r.aspx.	
_	<b>a.</b>	A delegan		
304-626-8111				
niowal@spbeeck.com	<u> </u>			
Privacy Notice: bil and Gas process reconal information	see your personal inform may be disclosed to	renation, such as name, add o other State agencies or the	ress and telephonird parties in the	the number, as part of our regulatory the normal course of business or as sion. Act requests, Our office will personal infortation, please contact.  REGE 1800 Gascontact.
	petiee: 02/21/2017  petied pursuant  ONAL [a]  ICE  West Virginia Carface tract to come than forty-five del the tract that has fil inerals underlying at Control Manus which statement al urface owner to o  reby provided to  CE OWNER(s)  CE OWNER(s)  Type  Lessorth  Modelebourne 7.8  State Erosion and ad from the Secre  V 25304 (304-92)  the Secretary by the Secr	Date of Plann  Detical College College  Detical pursuant to West Virginia Cod  ONAL  REGISTERED  ICE  MAIL  West Virginia Code § 22-6A-10(a), Priorize tract to conduct any plat surveys restant forty-five days prior to such entry threat that has filed a declaration pursuant control Manual and the statutes and rehich statement shall include contact informations owner to obtain copies from the sureby provided to:  CE OWNER(8)  Type  Elsewith  Middisbourne 7.5  State Erosion and Sediment Control Manual for from the Secretary, at the WV Depart V 25304 (304-926-0450). Copies of surther Secretary by visiting www.depwv.put.  Loy-Box Old Old, Inc.  304-826-3111  Edowed Growners of the control control of the Secretary by visiting www.depwv.put.  Privacy Notice:	Date of Planned Entry: 0222/2017  Dethod pursuant to West Virginia Code § 22-6A-10a  ONAL	ONAL   REGISTERED   METHOD OF DELIVERY THAT R ICE   MAIL   RECEIPT OR SIGNATURE CONFI ICE   ICE   MAIL   RECEIPT OR SIGNATURE CONFI ICE   ICE

Operator Well No. On Low III Only & Only 20

Notice Ti	lme Requirement	: Notice shall be provided	at least SEVEN (	7) days but no more	than FORTY-FIVE (45) d	Olm maion do
Date of N	lotice; 02/21/2017	Date of Planned			(43)	rás buot to
Delivery	method pursuant	to West Virginia Code §	22-6A-10a			
	SONAL	_	METHOD OF	DELIVERY THAT	REQUIRES A	
beneath sur owner of m and Sedima Secretary, v enable the s	e than forty-five dech tract that has fil biverals underlying and Control Manua which statement sisterface owner to o	lays prior to such entry to:  led a declaration pursuant such tract in the county to  and the statutes and rule  all include contact inform  btain copies from the seco	o filing a permit spired pursuant to the (1) The surface or to section thirty-size ax released to oil and a released to oil and	plication, the opera is article. Such noti- vner of such tract; ( r, article six, chapte vice shall include a	ator shall provide notice of p ce shall be provided at least (2) to any owner or lessee of er twenty-two of this code; a statement that copies of the d production may be obtained page on the Secretary's well	seven days coal seams nd (3) any
_	ereby provided to	<b>):</b>				
Name: Address:	ACE OWNER(s)		Name:	AL OWNER OR I	ESSEE	
Name:						
Address:			■ мп	- VERAL OWNER(8	- N	
Name:			Name: 8	A Smith & C. Burke Morris	i) Trust clo J P Morgan Chase	
Address:			Address:	Po Box 669	The state of the s	
	-	<u></u>	Wichita Fall	s .TX 79307 ach additional forms if o		,
Pursuant to V a plat survey State: County: District:	Tyler Elbaruth	e § 22-6A-10(a), notice is d as follows:		tude & Longitude:	Il operator is planning entry 39.463739 x -60.866934 Klondho Road	to conduct
Quadrangle:	Middebourne 7.5			ed farm name:	Middle Island Crock Jey Bee Production	-
obtained from	V 25304/304_07	Sediment Control Manual tary, at the WV Department 6-0450). Copies of such original www.dep.wv.gov/		r research meanth	il and gas exploration and pr warters, located at 601 57 <sup>th</sup> St elated to horizontal drilling n	oduction treet, SE, may be
Well Operator	by-Boo Cl & Gas, ht	1	Address:			
Telephone:	304-628-3111		Acticss.	3570 Shleids Hill Rd, Calro, WV 26337		
Email;	siowel@jnybesoil.com	n <u>-</u>	Pacsimile:	304-828-3119		•
The Office of C	Privacy Notice: Dil and Gas proces arsonal informatio inly with statutor coure your person ivacy Officer at de	ises your personal information may be disclosed to out you regulatory required al information. If you have apprive conficer@wv.gov.	tion, such as name her State agencies cents, including F e any questions ab	reedom of Inform	the normal course of busin ation Acceptables our of pelsonal information bear fice of Office and the	ess or as
					APR 1 2 2017	of
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02/09/2018

WW-6A3 (1/12)

Operator Well No. on Low III on an a on a

entry Date of l				THE ME IC	781 35 A 514 ()	) days but no mo	ore than FORTY-FIVE	(AS) days minute
	Notice: 02/21/2	2017			y; 02/28/2017	,, 20 20	o and Port 1-Five	(43) cays prior to
Delivery	method pur	want to	West Virginia (	Code § 22-6	5A-10a			
	RSONAL RVICE		LEGISTERED MAIL	□ M	ETHOD OF I	DELIVERY THA	AT REQUIRES A	
Pursuant	to West Virg	inia Code	6 22-64-10/a)	Drian to ÆV			MALINIMATION	
but no mo beneath so owner of and Sedin Secretary, enable the	ore than forty- uch tract that minerals under aent Control I which states surface own	five days has filed erlying sa Manual a cent shall er to obta	s prior to such en a declaration purion to tract in the co	try to: (1) 7 suant to secunity tax read rules relationship	The surface ow ction thirty-six cords. The no sted to oil and	mer of such trace c, article six, cha tice shall include	erator shall provide notiotice shall be provided at; (2) to any owner or lest pler twenty-two of this ce a statement that copies and production may be except page on the Secretar	it least seven days ssee of coal seams code; and (3) any s of the state Brosion
	tereby provi	•						
	ACE OWNE	R(8)				AL OWNER OF	O I Ecope	
Name: Address:					Name:	• · · · · · · · · · · · ·	K EEGGBE	
Audiess.	-				Address	:		
Name:								
Address:					Min     Min	VERAL OWNE	P(n)	
Name:			-			Consiss Weble	N(B)	
Address:						9046 Skyline Drive		
· Autor Cory.					Wedeworth	, Chin 44281		•
					*please am	ach additional forms	if necessary	
Notice is b	iereby give West Virgini	a Code 6	22-64-10(a) no					
		of land a	s follows:	tice is here	by given that t	he undersigned	well operator is planning	g entry to conduct
State:	West Virginia	of land a	s follows:	nce is here	Approx. Lati	tude & Longitud	_	g entry to conduct
State: County:	West Virginia Tyler	of land a	s follows:	ace is here	Approx. Lati Public Road	tude & Longitud		g entry to conduct
State: County: District:	West Virginia Tyter Elisworth	-	s follows:	tice is here	Approx. Lati Public Road Watershed:	itude & Longitud Access:	ie: 39.463739 x -60,686934	g entry to conduct
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Operator Well No. Dept. Com 18 Dept. Com 180

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

Not enti	tice Time Requ Ty .	drement:	Notice shall be	provided a	t least SEVEN (7	) days but no more	than FORTY-F	IVE (45) days	prior to
Dat	te of Notice: 02	21/2017	Date of	Planned I	intry: 02/28/2017				
Deli	ivery method p	tursuant	to West Virgini	a Code § 2	22-6A-10a				
	PERSONAL SERVICE	e	REGISTERED MAIL		METHOD OF I	ELIVERY THAT	FREQUIRES A		
but i bene own and ! Secre enab	no more than for eath such tract the er of minerals u Sediment Contra etary, which sta	rty-five di net has file nderlying ol Manua tement sh wner to ol	ays prior to such ad a declaration; such tract in the and the statutes all include conta train copies from	entry to: ( pursuant to county ta: and rules	filing a permit ap ed pursuant to thi 1) The surface ow section thirty-six x records. The no related to oil and	plication, the oper s article. Such noti mer of such tract; i, article six, chapt tice shall include a gas exploration an e address for a wel	ator shall provide ice shall be provid (2) to any owner o er twenty-two of ( a statement that co	led at least sev or lessee of cost this code; and l opies of the sta	en days al seams (3) any ate Erosio
-	SURFACE OW		•						
Name		MERGE			□ 00	AL OWNER OR	Lesseb		
Addn	••				Name: Address	;			
Name	<b>:</b>					_			
Addre	258:				■ MI	VERAL OWNER(	8)		
Name	<u>.</u>				Name: A	mold Schulberg Od & Ga	5 Trust		
Addre	· •	-			Del Ray Bas	18691 Bagamore Biddy on , FL 33448 sch additional forms if	-		
Pursus a plat	-	ginia Code act of lane	: § 22-6A-10(a), l as follows:	notice is h	ereby given that t	he undersigned we	ell operator is plar	uning entry to	conduct
State;	West Virg	initia .			Approx. Lati	tude & Longitude	: 29.483739 x -80.800	294	
County Distric		-			Public Road	Access:	Klandike Road	~	-
Quadra					Watershed:		Middle Island Creek	•	
-		**********				ed farm name:	Jay Boo Production	-	
Charles obtaine	ston, WV 2530	4 (304-92 etary by v	6-0450) Conies	the man	and the statutes are t of Environments ocuments or addit il-and-as/pa.es/	d rules related to out of the control of the contro	oil and gas explor quarters, located a related to horizon	ation and produce t 601 57th Street tal drilling may	nction et, SE, y be
Well O		CII & Gra, Inc			Address:				
Telepho	me: 304 628	3111				8570 Shields Hill Rd. Cairo, WV 26337			
Email:	sdowele	Seyboood.com			Facsimile:	304-628-9119			
The Off duties. Yncoded appropri	to comply with	las proces nformatio h statuto: ur person	w or rominion	requirem	ents, including I	e, address and telep or third parties i reedom of Infon out our use or you	n the normal cou	ree of busines	S OT AR

02/09/2018

Operator Well No. Detrommentations

Not	ice Time Require	ement: Notice shall be	provided at least SEVE	N (7) days but no mor	than FORTY-FIVE (45) days prior to
Dat	e of Notice: 02/21/2		Planned Entry: 02/28/20		(43) days prior to
D-1	· · · · · · · · · · · · · · · · · · ·		·	•••	
Den	wery method pur	suant to West Virgin	ia Code § 22-6A-10a		
	PERSONAL	REGISTERED	METHOD	OF DELIVERY THAT	C BEOLUTING A
	SERVICE	MAIL		OR SIGNATURE CON	KEQUIRES A
Purs	uant to West Virgi	inis Code 8 22_64_10/	o Dima Sti		
but n bene owne and S Secre enabl	to more than forty- ath such tract that or of minerals unde dediment Control hetery, which statem	five days prior to such has filed a declaration orlying such tract in the Manual and the statute tent shall include cont or to obtain copies from	n entry to: (1) The surface pursuant to section third sounty tax records. The s and rules related to off	o dus article. Such non o owner of such tract; y-six, article six, chapt e notice shall include (	ator shall provide notice of planned entry ice shall be provided at least seven days (2) to any owner or lessee of coal seams er twenty-two of this code; and (3) any a statement that copies of the state Erosian d production may be obtained from the page on the Secretary's web site, to
	URPACE OWNE	IR(8)		COAL OWNER OR	LESSER
Name Addre		-	Nat	ne:	
			Ado	ress:	-
Name: Addre	·	-			
route	90.		10	MINERAL OWNER(	B)
Name:			Nan	1900 Kananta Blvd.Ro	and Resources
Addre	<b>39:</b>		Chert	ston , WV 25305 to attach additional forms if	· <del>-</del>
Pursua a plat s		1; 8 Code § 22-6A-10(8), of land as follows:			ell operator is planning entry to conduct
State: County	West Virginia Tyler	• • • • • • • • • • • • • • • • • • • •	Approx.	Latitude & Longitude:	39.463789 x -60.663934
District		· -	Public R	oad Access:	Klandia Rand
Quadra	ngle: Middlebourne 7.	5	Watersh	ed: y used farm name:	Michie Island Croek
Comina	of the mate 7	• • • • • • • • • • • • • • • • • • • •			Jay Bee Production
Charlest obtained	lon, WV 25304 (3	104-926-0450). Copie ry by visiting www.de	ol Marual and the statut Department of Environa s of such documents or a p.wv. 20v/oil-and-2as/18	miles Proceeding neade	ril and gas exploration and production marters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
Well Op	erator: Jay-Bee Of &	•	Addres	0° ama a	
Telepho	DE: 304-629-3111			9: 3570 Shielda Hill Rel. Cairo, WV 28237	
Email:	sdowel@jayo	ecoll.com	Facsim		-
The Office duties. Y needed to appropria	o comply with si tely secure your p	processes your person rmation may be discl	requirements, includi	roce of milit bittles i	shone number, as part of our regulatory in the normal course of business or as nation Act requests. Our office will but personal information, please contact

02/09/2018

WW-6A3 (1/12)

Operator Well No. on town thouse and

Notic	e Time Require	ment: No	tice shall be pr	rovided a		7) days but no more	than FORTY-FIVE	1.44m 4
Date:	of Notice: 02/21/2	017			Sutry: 82/28/2017	y way a cut no more	man FOR1 1-FIVE	(45) days prior to
Delive	ery method pun	suant to V						
□ P	PERSONAL		GISTERED			DELIVERY THAT	PEOI IINDO A	
	ERVICE		AIL		RECEIPT OR (	SIGNATURE CON	FIRMATION	
beneati owner and Secreta enable	more than forty- h such tract that ho of minerals unde diment Control h ry, which statem the surface owne	five days; has filed a rlying suc danual and cent shall i or to obtain	prior to such endeclaration put tract in the color the statutes and probabilities an	ntry to: ( irsuant to ounty tau nd rules:	l) The surface or section thirty-si records. The n related to oil and	wner of such tract; ( x, article six, chapte otice shall include a	ator shall provide not ce shall be provided a 2) to any owner or Is ir twenty-two of this statement that copies i production may be page on the Secretar	at least seven days ssee of coal seams code; and (3) any tof the state Fernion
Notice	is kereby provid	led to:						
☐ SU Name:	rface owne	R(8)			□α	AL OWNER OR L	.esseb	
Address	:	<del></del>	-		Name: Address			
Name:	-							
Address	Ī				⊕ мі	NERAL OWNER(8	_	
Name:					Name:	Margaret Consway Torok	,	
Address:			~		Address Brocksville	: 9290 Hightand Drive Otio 44141 sch additional forms if n	OCOSS2 PV	
Notice is	s hereby given	•					•	
Pursuant	to West Virginia	Code § 2	2-6A-10(a), no	otice is h	mehu aiyon that	Hamanadanat e e	l operator is planning	(
a plat sur State:	vey on the tract ( West Virginia	of land as	follows:				l operator is planning	entry to conduct
County:	Tyter	-			Approx. Lat	itude & Longitude:	39.463739 x -60.896534	
District:	Elewarth				Public Road Watershed:	Access:	Klondike Road	•
Quadrang	le: Middisbourns 7.	7		-		ed farm name:	Middle Island Crook	
Canies of	the state Receive	تدره فسما					Jay Bac Production	
CHARLESTON	LWV 25304/3/	ひんりんんん	SO) Comica -	·	nd the statutes ar of Environment cuments or addit l-and-gas/pages/	romonent nestuilt	il and gas exploration parters, located at 601 elated to horizontal d	and production 57th Street, SE, filling may be
Notice is	hereby given i							
Well Opera	Itor: Jay-Bee OH &	-			Address:			
Telephone: Email:	100					3570 Shidds HII Rd. Cairo, WV 26297		
ECOMIT:	scowell@aybo	coll.com			Facsimile:	304-628-3119	• • •	
The Office duties. You needed to	commit with or	mation m		a in our	a comme afteriories	e, address and teleph or third parties in reedom of Inform out our use or you	the nintercondition of the control o	of the percentage of as Our office will a please contact
								+ Ot
						_	WA Dobains	trnent of al Protection
						<i>F</i>	=UAIIO	02/09

Operator Well No. On the Contract and Res

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Ī	Date of	Notice: 02/21/20	17			Centry: 02/28/2017			(40) uzys prior io
E	leliver	method purs	pant :	to West Virginia (	Code § 2	22-6A-10a			
_	] PE	RSONAL RVICE	e	REGISTERED MAIL		METHOD OF	DELIVERY THA SIGNATURE COM	T REQUIRES A	
be ov an Se en	it no moneth some of the control of	ore than forty-fuch tract that he minerals under control M., which statement surface owner.	ive dans file to obtain the column of the co	ays prior to such exect a declaration pure such tract in the color and the statutes as all include contact bain copies from the statutes are such as the such a	ntry to: ( remark to punty tan nd rules	filing a permit are red pursuant to the 1) The surface or o section thirty-six records. The na related to oil and	oplication, the open is article. Such not wher of such tract; x, article six, chapt otice shall include	rator shall provide no ice shall be provided (2) to any owner or l	essee of coal seams s code; and (3) any
No	tice is	kereby provid	ed to	:					
Ų.	SURI me:	ACE OWNER	L(s)			□ cc	AL OWNER OR	LESSEF	
	dress:					Name: Address			
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Nei A <b>d</b> d	ne: lress:		_	 		Name; C Address Speculator	Po Box 549		
Not Purs a pla State	nuant to ut surve	tereby given: West Virginia y on the tract o	Code f land	§ 22-6A-10(a), no l as follows:	tice is h			ell operator is planni	ng entry to conduct
Cou	aty:	West Virginio				Approx. Lati Public Road	tude & Longitude	39.463739 x -60.896934	
Dist		Elleworth	-			Watershed:	Access:	Klandike Road	
	irangle:	•				Generally us	ed farm name:	Middle teland Crock Lisy Bee Production	
	eston. '	WV 25304/30	M031	Sediment Control Mary, at the WV Dep 5-0450). Copies of isiting <u>www.dep.w</u>			somerrori iteatif	oil and gas exploration quarters, located at 60 related to horizontal	n and production 11 57 <sup>th</sup> Street, SE, drilling may be
Noti	ce is he	reby given h							
WeII	Operato	T. Joy-Boo Ct & C				Address:	3570 Shields Hill Rd.		
Telep Email		204-628-3111		•			Cairo, WV 26337		
	-	sdowell@laybee				Facsimile:			
							reedom of Infor	MA DODS  THOUSE INTERPRETATION  THOUSE INTERP	
								اسا	

02/09/2018

WW-6A3 (I/12)

Operator Well No. Constitution to the second

Date of Notic			rided at least Si	EVEN (7	) days but no m	ore that	n FORTY-FIVE	2.7450 days	nrior to
	e: 02/21/2017		ned Entry: @					· (40) aays	prior to
Delivery met	hod pursuant	to West Virginia Co	de § 22-6A-10	Da					
☐ PERSON SERVICE		REGISTERED MAIL	☐ METH RECEI	OD OF I	DELIVERY THE	AT RE	QUIRES A		
but no more the beneath such to owner of mine and Sediment ( Secretary, which	an forty-five d ract that has fil rals underlying Control Manua ch statement sh	nde § 22-6A-10(a), Princt any plat surveys ays prior to such entred a declaration pursus; such tract in the could mad the statutes and all include contact in the thin copies from the	rior to filing a prequired pursu y to: (1) The suant to section that to section that tax records rules related to	permit ap ant to thi urface ow thirty-six	plication, the ops sarticle. Such noner of such trace, article six, cha tice shall includ	perator ( notice sl et; (2) to apter tw le a stat	shali provide not nali be provided o any owner or la centy-two of this ament that copie	at least seve ssee of coa code; and ( s of the stat	en days I seams 3) any te Erosion
Notice is herei	y provided to	:							
Name:	OWNER(8)			O CO	AL OWNER O	R LESS	SEE		
Address:				Address					/
Name: Address:				■ мп	VERAL OWNE	R(e)	_		1
Name: Address:				Name: 8	otsy Moore Semand C				
	<del></del> .			Denver, CO	80215 och additional form	if name			
State: w	t Virginia Cod	e § 22-6A-10(a), noti d as follows:	Apı	rox. Lati	tude & Longitu		erator is plannin 465750 x -80.090034	g entry to c	onduct
	EWORT			lic Road	A00688:	KO <sub>2</sub>	ndika Road		
District:	sworth kilebourne 7.5°		Wat	tershed:	Access: sd farm name;	MG			
District:  Quadrangle:  Mix  Copies of the statemay be obtained  Charleston, WV  obtained from the	e Erosion and from the Secre 25304 (304-92) Secretary by	Sediment Control Matery, at the WV Depa 26-0450). Copies of s visiting www.dep.wv	Was Gen anual and the s artment of Envi	tershed: terally using tertutes and ironments	ed farm name; ad rules related t al Protection hea	رطب رطب o oil an	ncile Road ide Island Creek Bee Production id gas exploration	a and produ 1 57th Street brilling may	uction t, SE,
District:  Quadrangle:  Mix  Copies of the statemay be obtained  Charleston, WV  obtained from the  Notice is hereby  Well Operator:	e Erosion and from the Secre 25304 (304-92) Secretary by	26-0450). Copies of s visiting <u>www.dep.w</u> v	Wat Gen anual and the s artment of Envi each document gov/oil-and-gen	tershed: crally using tatutes and ironments s or adding as/ps/es/	ed farm name; ed rules related t al Protection her ional informatic default aspx.	do oil an adquarte	ncile Road ide Island Creek Bee Production id gas exploration	and produ 1 57 <sup>th</sup> Stree billing may	action t, SE,
District: Ell Quadrangle: Mis Quadrangle: Mis Copies of the stat may be obtained Charleston, WV obtained from the Notice is hereb Well Operator: Telephone:	te Erosion and from the Secret 25304 (304-92 e Secretary by y given by:  137-800 CH & Gas, in 104-628-2111	26-0450). Copies of s visiting <u>www.dep.w</u> v	Wat Gen anual and the s artment of Envi each document gov/oil-and-gen	tershed: terally using tertutes and ironments	ed farm name; ad rules related t al Protection hea	do oil an adquarte	ncile Road ide Island Creek Bee Production id gas exploration	a and produ 1 57 <sup>th</sup> Stree brilling may	ection t, SE,
District: Ell Quadrangle: Mis Quadrangle: Mis Copies of the stat may be obtained Charleston, WV obtained from the Notice is hereb Well Operator: Telephone:	is Erosion and from the Secre 25304 (304-92 Secretary by y given by:	26-0450). Copies of s visiting <u>www.dep.w</u> v	Wat Gen anual and the a priment of Envi such document gov/oil-and-ut	tershed: crally using tatutes and ironments s or adding as/ps/es/	ed farm name; ed rules related t al Protection hea ional informatic default aspx.  2570 Sheen Ha Re	do oil an adquarte	ncile Road ide Island Creek Bee Production id gas exploration	and produ 1 57 <sup>th</sup> Stree billing may	t, SE,
District:  Quadrangle:  Mix  Copies of the statemay be obtained.  Charleston, WV obtained from the Well Operator:  Telephone:  Email:  Oil and Gas Pri The Office of Oil duties. Your personeeded to comph	is Erosion and from the Secretary by secretary by given by:  is present a Gas, in 104-628-2111  dewell@ispeccoll.com  ivacy Notice: and Gas procesomal information with statuto or with statut	26-0450). Copies of a visiting www.den.wv	Wai Gen anual and the a artinent of Envi uch document gov/oil-and-g  Fa  formation, such to other State	tershed: crally use tatutes an ironments s or addin as/pages/ ddress: csimile: as name agencies	ed farm name: ad rules related to all Protection her ioual information of the state	to oil an adquarto on relate of the constitution of the constituti	ncitic Road  site Island Crook  See Production  of gas exploration  ars, located at 60  ed to horizontal d  c number, as part	of our region business of our region of business of the original original of the original or	t, SE, be

Operator Well No. anton manager

Notice entry	Time Requiren	neut: Notice shall	be provided at least SEVEN	(7) days but no mor	re than FORTY-FIVE (4	5) days prior to
Date o	f Notice: 02/21/201	_	of Planned Entry: 02/28/2017			•
Delive	ry method purst	ant to West Vhy	dnia Code § 22-6A-10a			
	ersonal Ervice	REGISTER MAIL		F DELIVERY THA SIGNATURE CON	T REQUIRES A	
<b>D</b>						
but no r beneath owner o and Sed Secretar enable t	more than forty-fit such tract that he finite rate under liment Control Man, which stateme he surface owner	ive days prior to sas filed a declaration of the same in the state of the same in the state of the state of the same in the same of t	10(a), Prior to filing a permit surveys required pursuant to uch entry to: (1) The surface ion pursuant to section thirty- the county tax records. The utes and rules related to oil as outset information, including from the secretary.	owner of such tract; six, article six, chap notice shall include	tice shall be provided at k (2) to any owner or lesse ter twenty-two of this coo a statement that copies of	east seven days e of coal seams ie; and (3) any f the state Erosion
	s hereby provide					
ഥ របា	RFACE OWNER	L(S)		COAL OWNER OR	f reser	
Name:			Name		TESSEE	
Address:	•			: :58;	-	
<del></del> .				~··		
Name:						
Address:			<b>■</b> λ	INERAL OWNER	(g)	
Name:				Barbara Braymen Black		
Address:	_		Addre Sen Ans	88: 2231 Faverileid Lane orie ,TX 78248 attach additional forms it	· · · ·	
Notice is	s hereby given:				•	
Pursuant t	to West Virginia	Code 8 22-6A-10	(a), notice is hereby given th		**	
a plat sur	vey on the tract o	f land as follows:	(and morner to metern & States (in	n me mueusigned w	ell operator is planning e	ntry to conduct
State:	Woot Viginia			atitude & Longitude		
County:	Tyrar		Public Do	ad Access:		
District:	Etaeoeth	*	Watershed		Klandiko Roed	
Quadrang	le: Maxibourne 7.5	1		used farm name:	Middle Island Creek	
					Jay Ben Production	
Charleston	a, WV 25304 (30	4-926-0450), Co	ntrol Manual and the statutes /V Department of Environme pies of such documents or ad .dep.wv.gov/oil-and-pas/pag	ditional information	oil and gas exploration a lquarters, located at 601 5 related to horizontal drill	ad production 7th Street, SE, ling may be
Notice is	bereby given b	rv:				
Well Open	BIOT: Ay-Bos Cil & C		Address			_
Telephone:				3670 Shiolds Hill Rd.	-0511	EÐ
Email:	stownicjnybe		Facsimil	Calco, WV 26337 2: 304-628-3119	Office of Oil	and Gas
Oil and G	as Privacy No	tice:			<b>∪</b> ™ <del>-</del>	0017
The Office duties. You	of Oil and Gas p ir personal infor	rocesses your pen mation may be di	sonal information, such as na isclosed to other State agent tory requirements, including	me, address and tele	phone number Ass Barro	Out seasystem
nseded to appropriate DEP's Chie	comply with sta ly secure your pe of Privacy Officer	atutory or regula asonal information at deponivacyoff	sciosed to other State agent tory requirements, including m. If you have any questions icer@wv.gov.	Freedom of Information about our use or you	mustion Act requests of our person Who had not been all the company of the compan	ighte to proper circles in the circles of the circl
					Environment	

Operator Well No. Comp. Comp.

				Notice shall be pr	ovided a	t least SEVEN (7	) days but no more	than FORTY-FIVE (45) days prior to	
Date	of Notic	e: 02/21/20	17	Date of Pl	anned E	htty; 02/28/2017			
Deliv	ery met	hod purs	lant t	o West Virginia (	Code § 2	22-6A-10a			
	PERSON SERVIC			REGISTERED MAIL		METHOD OF I	DELIVERY THAT	REQUIRES A	
Parso	ant to W	pet Viroin			<b>n</b> .		IGNATURE CONF		
but no benea owner and So Socret	o more the th such the of mine ediment ( lary, which	an forty-fract that he rais under Control Mechanical methods of the statement of the statem	ive dans file lying a nucl nucl	ys prior to such er d a declaration pu such tract in the co	itry to: ( revent to ounty tex nd rules	1) The surface ow section thirty-six records. The no related to oil and	s article. Such notice vier of such tract; (2 4, article six, chapte tice shall include a	stor shall provide notice of planned entry se shall be provided at least seven days 2) to any owner or lessee of coal seams or twenty-two of this code; and (3) any statement that copies of the state Erosion il production may be obtained from the page on the Secretary's web site, to	
Notice	is herei	y provid	ed to:						
□ sı	URFACI	OWNER	(a)			Пα	AL OWNER OR L	Doopy	
Name:	_					Name:	_	.co388	
						Address	:		
Name: Addres	 is:					<b>6</b>			
27						Name: I	VERAL OWNER(8)	)	
Name: Addres	g:					Address	15418 Fall Place Drive	-	
	<del></del> -		<del>-</del>	•			, TX 78247 sch additional forms if n		
Notice	to have	by given:					and and thought to the street	ccoary	
Pursuan	it to Wes	t Virginia	Code	§ 22-6A-10(a). no	ntice is h	ereby criven that	ha	ll operator is planning entry to conduct	
			fland	as follows:	, (15 C	erod gracii litti (	ne mostsigned wei	il operator is planning entry to conduct	-
State: County:	_	ter				Approx. Lati	tude & Longitude:	39.463739 n -60.898934	
District:		berorth	•			Public Road Watershed:	Access:	Klandila Road	
Quadran	ıgle: 🚾	tiloboumo 7.5					ed farm name:	Middle Island Creek Joy Bos Production	
Copies o	of the star	e Erosion	and S	ediment Control	Manual a	and the statutes on	ıd milas voleted en	il and gas exploration and production	
Charlest	on, WV	25304 (30	4-926	ery, at the WV De 5-0450). Copies of isiting www.den.y	fanch A	or manage or a 3-3;	a rrotection headqu	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, elated to horizontal drilling may be	
Notice i	s hereb	y given b	y;						
Well Ope	erator: ,	lay-Bos CR & (	-			Address:	3570 Shibida Hill Rd.		
Telephon Email:	-	04-629-3111					Catro, WV 26337		
mail.		dowel@jeyto	100.com			Facsimile:	304-629-8119	RECEIVED Office of Oil and Gas	
Oil and	Gas Pri	ivacy No	tice:				,		
duties. V	of Oil	and Gas p	rocess	ses your personal	informat	ion, such as name	, address and telepi	Office of Dartof Dat Tegulatary	
appropria	tely secu tief Priva	re your pa cy Offices	rsona at <u>de</u>	information. If y	you have wy.gov.	any questions at	mit our nee or work	nation Act requests. Our office offile personal informatics transition before the WV Dapartal Protection	n
								Environmental	

Operator Well No. Cont Control Control

Notice entry	Time Require	ment: Notice shall b	e provided at le	ast SEVEN (7)	days but no more	than FORTY-FIVE	(45) days prior to
Date of	Notice: 02/21/20		of Planned Ent				
Deliver	y method puri	eaut to West Virgi	nia Code § 22-	6A-10a			
	RSONAL RVICE	REGISTERE MAIL	D 🗆 N	METHOD OF D ECEIPT OR SI	ELIVERY THAT	REQUIRES A	
but no n beneath owner or and Sedi Secretary	such tract that I such tract that I f minerals under ment Control A y, which statem	five days prior to such as filed a declaration dying such tract in famual and the status	M(a), Prior to filing inveys required the entry to: (1) on pursuant to so the county tax retes and rules related information that information informat	ing a permit appursuant to this The surface ow ection thirty-six ecords. The no- ated to oil and	plication, the opera sarticle. Such noti- ner of such tract; ( , article six, chapte tice shall include a	ator shall provide nor se shall be provided a 2) to any owner or le	at least seven days sees of coal seams code; and (3) any s of the state Erosion
Notice is	hereby provid	led to:					
SUR Name: Address:	FACE OWNE	R(8)		Name:	AL OWNER OR I	LESSEE	
				Address	<del></del>	• • • • • • • • • • • • • • • • • • • •	
Name: Address:	44 Paraline				SERAL <b>OWNER(</b> E	 3)	_
Name: Address:	_			Address:	namen Braymen 186 Schreiner PL TX 78212 ch additional forms if i	18CGESSERY	
Pursuant t	West Virginia Tyler Elizatrih	a Code § 22-6A-10(s of land as follows:	a), notice is here	eby given that t Approx. Lati Public Road Watershed:	he undersigned we	il operator is plannin	g entry to conduct
Charleston	WV 25304 (3	n and Sediment Con Secretary, at the WV 04-926-0450). Cop y by visiting <u>www.c</u>	ies of such door	i cavioument	ional information	oil and gas exploration warters, located at 60 related to horizontal o	n and production 1 57th Street, SE, irilling may be
Notice is I Well Opera Telephone:		Ges, Inc.		Address:	3570 Shields Hill Rd.		
Email:	304-828-3111 sidowol@jyo	secil.com		Facsimile:	Cairo, WV 26337 304-828-3119	Office of Oi	VED Gas
The Office of duties. You		processes your personnation may be dis		Omes afferthics	or third parties in reedom of Infon	the normal course nation Act requests.	of old/regulatory of business or as Our office will
						Environmen	tal Protection

Operator Well No. Contract Con

Notice Tig	se Requirement	: Notice shall be provi	ided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
	tice: 02/21/2017		need Entry: 02/28/2017
Delivery m	ethod pursuant	to West Virginia Co	de § 22-6A-10a
☐ PERSO SERVI	ONAL E	REGISTERED MAIL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
but no more beneath such owner of mi and Sedimer Secretary, we enable the au	than forty-five of tract that has finerals underlying it Control Manuschich statement si	lays prior to such entr- led a declaration pursa g such tract in the cou- al and the statutes and hall include contact in brain copies from the	ior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days y to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams ment to section thirty-six, article six, chapter twenty-two of this code; and (3) any nuty tax records. The notice shall include a statement that copies of the state Erosion rules related to oil and gas exploration and production may be obtained from the
_	CE OWNER(s)	•	<b>~</b>
Name:	CE CAMBR(S)		COAL OWNER OR LESSEE
Address:		_	Name: Address:
Niemas			
Name: Address:			MINERAL OWNER(5)
.=	<del></del>		Name: 8amh K. Holman
Name: Address:			Address: 107 Glendon Way
Autress:			Petshana, CA 94962  *please stach additional forms if necessary
State: County: District:	est Virginia Coc on the tract of lar West Vigible Tyler Elisworth	le § 22-6A-10(a), noti d as follows:	Approx. Latitude & Longitude: 23.463739 x -83.56334 Public Road Access: Nordin Road Watershed: Maddin Road
Anamangia:	Middlebourne 7.5'		Generally used farm name:
Charleston, Woodlained from	V 25304 (304-9 the Secretary by	26-045M Conies of a	anual and the statutes and rules related to oil and gas exploration and production artment of Environmental Protection headquarters, located at 601 57th Street, SE, such documents or additional information related to horizontal drilling may be gov/oil-and-gas/pages/default.aspx.
Notice is here Well Operator:	•		
Telephone:	304-628-3111	no.	Address: 3570 Shields Hill Rd.
	ricust Bladeson o	<b></b>	Coho, WV 20337
	orani diplomit	<b></b>	Pacsimile: 304-828-3119
			Facsimile: 304-523-3119  Facsimile: 304-523-31
			Wy Dorntal Protection
			Environment

Operator Well No. On Low 14 Out 14 Out 1. Day 2. Day 20

Notice Time	e Requirement:	Notice shall be provide	ed at least SEVEN (7)	days but no more t	han FORTY-FIVE	(45) days prior to
	tice: 02/21/2017	Date of Planne	ed Entry: 02/28/2017			
Delivery m	ethod pursuant	to West Virginia Code	§ 22-6A-10a			
☐ PERSO SERVI		REGISTERED MAIL	METHOD OF D	ELIVERY THAT I GNATURE CONF	REQUIRES A	
but no more beneath such owner of min and Sedimer Secretary, w	than forty-five do tract that has file nerals underlying at Control Manual hich statement al	ode § 22-6A-10(a), Prior fuct any plat surveys reasys prior to such entry to ed a declaration pursual as such tract in the county of and the statutes and ruall include contact inforbtain copies from the se	r to filing a permit app quired pursuant to this to: (1) The surface ow to: (2) The surface ow to to section thirty-six ty tax records. The not tales related to oil and to trustion, including the	elication, the operate article. Such notice her of such tract; (2, article six, chapter ice shall include a second	or shall provide not shall be provided ) to any owner or le twenty-two of this statement that copie	at least seven days assec of coal seams code; and (3) any s of the state Erosion
Notice is her	eby provided to	2				
SURFA	CE OWNER(8)		П «	AL OWNER OR L	POOPP	
Name: Address:			Name: Address:	TE OWNER OR LA	COOLE	
Name:						
Address:			MIN E	ERAL OWNER(s)		
Name:			Name: P	ster R. Holman	•	
Address:			Vencouver,			-
NT-42 1-1			· presse um	ch additional forms if ne	ecessary	
Notice is her Pursuant to W a plat survey of State:	reny given: lest Virginia Cod m-the tract of lan west Virginia	e § 22-6A-10(a), notice d as follows:			l operator is plannin	ng entry to conduct
County:	Tyler		Approx. Lati Public Road	tude & Longitude:	39.483730 x -80.896034	-
District:	Elimorth		Wetershed:	ALCOSS:	Middle Hand Middle Mand Crack	
Quadrangle:	Middlebourne 7.8			ed farm name:	Jay Beo Production	
Charleston, W	V 25304 (304-9)	Sediment Control Man stary, at the WV Depart 26-0450). Copies of suc visiting <u>www.dep.wv.s</u>	ch documents or addit	icrel i-f		
Notice is here	eby given by:					
Well Operator:		ic.	Address:	3570 Shinida HU Rd.		
Telephone: Email:	204-625-3111 adows@@by&cool.co		Facsimile:	Cairo, WV 26357		
			racsimite:	804-628-3119	550	EIVED
The Office of Conties. Your parties, Your parties of Conties of Co	cure your person	sees your personal information may be disclosed to may be disclosed to may or regulatory requiral information. If you deprive cyofficer@wv.	irements, including I have any questions of		ton office a part the normal course action. Act requests regression act requests regression actions.	of business or as  Dischibe will on, please contact
					WV De	partment of ental Protection

Operator Well No. Or LOA HLOW LOW D

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

Notice entry	e Time Requir	ement: N	otice shall be pa	ovided a	it least SEVEN (7	) days but no mor	e than FORT	Y-FIVE (4	5) days prior to
	of Notice: 02/21				Entry: 02/28/2017	_			• • • • • • • • • • • • • • • • • • • •
Deliv	ery methed pu	rsuant to	West Virginia	Code § :	22-6A-10a				
	PERSONAL ERVICE	□ R	EGISTERED MAIL		METHOD OF I	DELIVERY THAT IGNATURE CON	FREQUIRES	S A	
but no beneat owner and Se Secreta	more than forty h such tract that of minerals und diment Control ary, which state	r-five days has filed a lerlying su Manual ar mant shall	s prior to such e a declaration pu tch tract in the c	ntry to: ( prevent to curry to and rules	filing a permit ap red pursuant to thi 1) The surface own section thirty-sin x records. The no related to the and	plication, the oper s article. Such not oner of such tract; t, article six, chapt tice shall include gas exploration an e address for a wel	ator shall pro ice shall be pr (2) to any ow ar twenty-two a statement th	vide notice rovided at le ner or lesse o of this cod at copies of	east seven days sof coal seams le; and (3) any the state Erosic
Notice	is hereby prov	ided to:							
St. Name: Address	IRFACE OWN	BR(s)			CO Name: _ Address	AL OWNER OR	LESSEE		
Name:	_								
Address					■ MIN	NERAL OWNER	(8)		
Name: Address	:				Address: Tutss, OK 7		- -	_	/
	•-				*planse att	ch edditional forms if	TICCESSARY	-	•
Pursuani		ia Code § t of land a	22-6A-10(a), n s follows:	otice is l	ereby given that t	he undersigned w	ell operator is	planning en	atry to conduct
County:	West Virginia Tyler				Approx. Lati	tude & Longitude	39.483739 x -8	0.896934	
District:	Elleworth			-	Public Road Watershed:	Access:	Kindha Road		
Quadran	gle: Middlebourne	7.5				ed farm name:	Jay Boa Produc		·
Charlesto	p. WV 25304	304-926-0	1450) Conice o	f mak d	and the statutes an t of Environments ocuments or addit il-and-kas/pages/o	d rules related to a librated in the related information default asox.	oil and gas ex	ploration ar	d production 7th Street, SE, ing may be
Notice is	hereby givez	by;							
Well Ope					Address:	3570 Shields Hill Rd.			
Telephone Email:						Caim, WV 26337			
Cutati.	SCOWOT (2)	Ospolicom	-		Facsimile:	804-029-3119	· ——		-
The Office duties. You needed to appropriate	comply with ely secure your	processes commetion i statutory personal i	OF PROMISSION	equirem	on oute ageneres	s, address and teler or third parties is reedom of Infon out our use or you	n the normal	course of	of Exquisitory by indicate will please contact 2017

Operator Well No. Own Company and American St. Company

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

Notic	ce Time R	equirement:	Notice shall be	e provided a	t least SEVEN (7	) days but no more	than FORTY-F	IVE (45) days p	rior to
	of Notice:				Entry: 02/28/2017				
Deliv	ery metho	d purmant	to West Virgli	ia Code §	22-6A-10a				
	PERSONA SERVICE	L •	REGISTERE MAIL	D 🗆	METHOD OF I	DELIVERY THAT	REQUIRES A		
but no beneas owner and Se Secret	more than th such tra of minera ediment Co ary, which	t forty-five det that has fills underlying outrol Manual statement of	ays prior to suc ed a declaration such tract in the	th entry to: (  pursuant to  county ta  as and rules	1) The surface over section thirty-six records. The no related to oil and	splication, the opera is article. Such notice wher of such tract; () c, article six, chapte otice shall include a gas exploration and e address for a web	e shall be provi 2) to any owner twenty-two of statement that c	ded at least sever or lessee of coal this code; and (3 opies of the state	n days seams b) any Erosion
Notice	is hereby	provided to	:						
☐ St Name: Addres		OWNER(s)			Name:	AL OWNER OR L	ESSEE		
Name: Addres	s:					e Neral Owner(8	`		
Name: Address	 s:				Name:   Address   Ban Antonio	•	··		/
Pursuan	Wasi Tylor Ellan	Virginia Cod e tract of lan Virginia	e § 22-6A-10(a d as follows:	), notice is l	acreby given that Approx. Lat Public Road Watershed:	the undersigned we itude & Longitude:	·		enduct
Charleste	on, WV 2:	5304 (304-92	6-0450) Coni	es of such d	and the statutes a	nd rules related to o	il and gas explo	ration and product at 601 57th Street atal drilling may	ition , SE, be
Notice i Well Ope	s hereby erator: 🍇	given by:	c.		Address:	3670 Shiekis HII Rd.			
Telephon Email:	ie: 304	628-3111 mal@jaybeacil.co			Facsimile:	Cato, WV 26337 304-628-3119		-	
The Office duties. You needed to appropriate	e of Oil ar our person comply tely secure	with statuto	sses your perso on may be disc	ry requirem	ents, including	e, address and telep s or third parties in Freedom of Inforn bout our use or you	the normal contains the nation (Affige)	use of business	antori

Operator Well No. - 1001400140012011

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

Notice 1	lime Requirem	ent: Notice sh	all be provided a	nt least SEVEN (7	) days but no mon	than FORTY-FIVI	(45) days prior to
	Notice: 02/21/201		ete of Planned l				( - ) a-jo prior to
Delivery	method parso	ant to West V	irginia Code § :	22-6A-10a			
☐ PE	RSONAL RVICE	REGISTI		METHOD OF I	DELIVERY THAT	T REQUIRES A	
					IGNATURE CON		
but no me beneath s owner of and Sedin Secretary, enable the	ore than forty-fit such tract that he minerals underlinent Control Ma which stateme	ve days prior to as filed a declar lying such tract anual and the sa nt shall include to obtain copie	such entry to: ( ation pursuant to in the county ta	1) The surface own section thirty-size records. The no related to oil and	s article. Such not ner of such tract; t, article six, chapt tice shall include (	rator shall provide not ice shall be provided (2) to any owner or le fer twenty-two of this a statement that copie of production may be b page on the Secreta	at least seven days ssee of coal seams code; and (3) any s of the state Erosion
	ACE OWNER			-			
Name:	ACEOWNER	(s)			AL OWNER OR	LESSEE	
Address:				Name: Address	:	-	
Name:		-				_	
Address:				■ MII	NERAL OWNER(	- (8)	
Name:					Joonan Moore Barnard	_	
Address:	-			Tulse . Ok 7	Po Box 3209 4101-3209 sch additional forms if	Transcour	/
Pursuant to	tereby given: West Virginia y on the tract of	Code § 22-6A-	10(a), notice is }			ell operator is plannin	g entry to conduct
State:	West Virginia		<b>.</b>		tude & Longitude		•
County:	Tyler			Public Road	Access:	39.452739 x -60.696934 Klandiko Rood	
District: Quadrangle	Elloworth			Watershed:		Middle Itland Crank	-
Anantantie	Middlebourne 7.5°			Generally us	ed farm name:	Jay Boo Production	<b>-</b>
Charleston,	WV 25304 (30	4-926-0450) (	Ponice of much d	and the statutes and tof Environments or additionally and was pages of the statutes of the sta	a Lioraction design	oil and gas exploration quarters, located at 60 related to horizontal o	n and production 1 57th Street, SE, brilling may be
Notice is h	ereby given b	v:					
Well Operati	Bae Oll & G	-		Address:	3570 Shiolda His Rd,		
Telephone:	304-628-3111	- <del>-</del>			Cetro, WV 28337		
Email:	sdowni@joybce	oil.com		Facsimile:	304-828-3119		
The Office of duties. Your needed to co appropriately	mply with sta	ocesses your position may be tutory or regularizations	Interest	ents, including I	e, address and telep or third parties i	phone number, Palms in the normal course mation Officens, ur personal information API	o ilegas garaci Dur office will m, pleasa garaci

Operator Well No. Oct 1. Oct 114 Oct 2. Oct 21

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

entry Date of i	Notice: 02/21/20	n <b>ent:</b> Noti 17			t least SEVEN (7 Entry: 02/28/2017	) days but no mor	e than FORTY-FI	VE (45) de	lys prior to
Delivery	method purs	aut to W			_				
☐ PEF	SONAL VICE	_	GISTERED		METHOD OF I	DELIVERY THAT	T REQUIRES A		
but no mo beneath s owner of and Sedin Secretary,	ore than forty-fuch tract that he minerals under the control M	ive days prosent in the second	rior to such ent leclaration pure tract in the con the statutes and clude contact is	ry to: (suant to unty tax i rules	filing a permit ap ed pursuant to thi 1) The surface ow section thirty-six records. The no related to oil and	plication, the oper s article. Such not mer of such tract; c, article six, chap tice shall include	ator shall provide; ice shall be provide (2) to any owner of the twenty-two of the statement that could production may be page on the Secn	ed at least a r lessee of a his code; as pies of the	seven days coal seams ad (3) any state Erosion
Notice is !	hereby provid	ed to:							
SURI Name: Address:	ACE OWNER	<b>(s)</b>			CO Name: Address	AL OWNER OR	LESSEE		
Name: Address:			_			NERAL OWNER	(s)		
Name: Address:					Address:	2006 A. Hess 440 Independence Part 5075 sch additional forms if			1
Pursuant to a plat surve	nereby given: West Virginia y on the tract o	Code 8 22	-6A-10(a), not	ice is h			ell operator is plan	ning entry (	to conduct
State: County: District: Quadrangle:	West Virginia Tyler Eleworth				Public Road Watershed:	itude & Longitude Access: ed farm name:	Klondiko Road Middle telend Crook	<u>X</u>	
Charleston,	WV 25304 (30	4-926-045	0). Conies of	moh de	and the statutes an	d rules related to	Jay Bee Production  oil and gas explora  quarters, located at related to horizont	tion and pa 601 57 <sup>th</sup> St al drilling a	oduction treet, SE, may be
Notice is he Well Operato Telephone:	ereby given b or: _ay-800 018 ( 304-629-3111	y: Sam, tree.			Address:	9570 Shialde Hiji Rd.			
Email:	sdowali@jayba	od.com		•	Facsimile:	Ceiro, WV 26837 304-628-3119	* ***		
The Office of duties. Your needed to co appropriately	DDDIV With sky	rocesses yenation ma tutory or resonal infe	regulatory records	quirem		— Perimon I	phone number, as r in the normal communication mation Act reques ur per communication	so of busings solidadion, pleas	iera arta c

WV Department of Environmental Protection 02/09/2018

APR 1 2 2017

Operator Well No. Ory 1. Constitution to 2. Constitution of 2.00

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

Notice Ti	me Requireme	at: Notice shall be pro-	vided at least SE1	EN (7) days but	no more th	an FORTY-FIV	8 (45) days prior to
	otice: 02/21/2017		uned Entry: 02/2				- (10) and prior to
Delivery (	nethed pursua	it to West Virginia C	ode § 22-6A-19a				
☐ PERS		REGISTERED MAIL	☐ METHO	D OF DELIVER FOR SIGNATU	Y THAT R	EQUIRES A	
but no mor beneath suc owner of m and Sedima Secretary, v	e than forty-five th tract that has inerals underlyi at Control Man which statement	Code § 22-6A-10(a), P anduct any plat surveys days prior to such ent filed a declaration pur- ng such tract in the con ual and the statutes and shall include contact in obtain copies from the	ry to: (1) The sur- mant to section the minty tax records. If rules related to	face owner of su- cirty-six, article s The notice shall	such nonce ch tract; (2) ix, chapter i include a st	shall be provided to any owner or li twenty-two of this latement that copic	at least seven days essee of coal seams code; and (3) any a of the state Erosic
Notice is he	reby provided	to:					
SURFA	CE OWNER(8)	)	ſ	T COAT OWN	TTD 07 1 5		
Name: Address:	···			COAL OWN	EK UK LE		
Name: Address:			_	MINERAL C	 )WNER(s)	<del></del>	
Name: Address:			A	ame: EP Mineral Ho ddress: 18400 N. D allan , TX 75248 Nesse attach addition	stee Parkway S		
Pursuant to V	ereby given: Vest Virginia Co on the tract of h West Vighta Tylar Elsworth Middlebourno 7.5°	ode § 22-6A-10(a), not and as follows:	ice is hereby give Appro Public Water	on that the undersox. Latitude & L. Road Access:	nigned well	operator is plaunii 39.483739 x -80.888924 Klandika Raad Mädde Island Croek	ng entry to conduct
Charleston, W	V 25304 (304-	ad Sediment Control M retary, at the WV Dep 926-0450). Copies of y visiting www.dep.wy	lanual and the sta	tutes and rules re	elated to oil ion headqua	lay Boo Production and gas exploration arters, located at 60 ated to horizontal	n and production Of 57 <sup>th</sup> Street, SE, drilling may be
	eby given by:	, lno.	Add	FC89: 3570 Shiel	de HIJ Rd. 25537		
Oil and Gas The Office of duties. Your p needed to cor appropriately s	Privacy Notice Oil and Gas processonal information oply with status ecure your pers		aformation, such a to other State aquirements, include the property of the state of	Renotes of mild	and telepho	tion Ast resugh personal miorment	of business (Table

Operator Well No. antantantant

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

Noi entr	ice Time Requi	rement:	Notice shall be p	rovided at l	east SEVEN (7	days but no more	than FORTY-F	IVE (45) days prior to
	e of Notice: 02/2				try: 02/28/2017			•
Deli	very inethod p	ursuant t	west Virginia	Code § 22-	6A-10a			
	PERSONAL SERVICE		registered Mail	□ n R	METHOD OF D LECEIPT OR SI	BLIVERY THAT	REQUIRES A	
but r bene own and ! Secre enab	to more than for ath such tract the or of minerals un sediment Contro stary, which stat	ty-five da at has file iderlying of Manual ement sha vner to ob	ys prior to such of a declaration p such tract in the and the statutes and the statutes all include contact tain copies from	entry to: (1) ursuant to s county tax r and rules rel et informatic	The surface ow ection thirty-six ecords. The no lated to oil and	rer of such tract; ( article six, chapt tice shall include a	ice shall be provid (2) to any owner of er twenty-two of ( a statement that co	notice of planned entry led at least seven days or leasee of coal seams this code; and (3) any opies of the state Brosion be obtained from the retary's web site, to
	SURFACE OW				П			
Name		TLESC(D)				AL OWNER OR	LESSEE	
Addr	•				Name: Address	<b>:</b>	_	
Name			<del></del>					<del></del>
Addr					■ MII	NERAL OWNER(	(s)	
Name	2					by USA, Inc.		
Addre					Houston , T	6 Greenway Plaza Sutt X 77048 sch additional forms if		
Pursus	e is hereby givent to West Virgouvey on the tra	inia Code ext of land	§ 22-6A-10(a), as follows:	notic <del>e</del> is her	eby given that (		ell operator is plan	nning entry to conduct
Count	y: Tyler				Public Road	Accese-		934
Distric					Watershed:		Kilondika Rossi Milidia Island Creak	
Quadr	ingle: Middlebour	ne 7.5			Generally us	ed farm name:	Asy Bee Production	
Charle	ton, WV 2530	1 (304-92		of such doc	oi Euviruninent Enments or addi	al Protection head		ration and production at 601 57th Street, SE, atal drilling may be
	ls hereby give	-						
Teleph		Cil & Gas, Inc	•		Address:	3570 Shields His Rd,		
Email:					<del></del>	Ceiro, WV 26337	_	
Oil and The Off duties, needed appropr	d Gas Privacy  fice of Oil and O  Your personal i  to comply with  fately secure you	ias proces nformatic h statutor ur person	ses your persons n may be disclo	requirement	r cuit agencie	e, address and tele s or third parties Freedom of Infor bout our use or yo	mation Act requ	part of sem regulatory
		as <u>V</u>	MAN ABE AOTHER	<u></u>			Oliver.	- 0017

APR 12 2017

Operator Well No. Ontil Out 10 Care Control

Notice Tim entry	c Requirement:	Notice shall be provide	ed at least SEVEN (7)	days but no more	than FORTY-FIVE (45) days prior to
	ice: 02/21/2017		ed Entry: 02/28/2017	_	, , , , , , , , , , , , , , , , , , , ,
Delivery m	etbod pursuant	to West Virginia Code	≥ § 22-6A-10a		
PERSO SERVI		REGISTERED MAIL	☐ METHOD OF D	ELIVERY THAT	REQUIRES A
but no more beneath such owner of mir and Sedimen Secretary, wh enable the su	than forty-five d tract that has fil terals underlying t Control Manua nich statement sh	ays prior to such entry of a declaration pursual such tract in the country and the statutes and reconstant info the contact info the second contact in	r to filing a permit app quired pursuant to this to: (1) The surface ow int to section thirty-six y tax records. The no idles related to oil and in	plication, the operate article. Such notice ner of such tract; (2, article six, chapter tice shall include a	tor shall provide notice of planned entry se shall be provided at least seven days to any owner or lessee of coal seams r 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
		76	_		
	CE OWNER(8)		$\square \infty$	AL OWNER OR L	ESSEE
Name:	-		Name:		
Address:			Address:		
Name:					
Address:					
Audicos.			■ MIN	STRAL OWNER(8)	)
Name:		=	Name: W	200 Of & Gas Co.	
Address:	•		Address:	Pa Bax 397	<del>-</del>
1 MALOOS,			Gienvillo , W		_ /
			*please atta	ch additional forms if n	ocessary
State:	eby given: est Virginia Code n the tract of lan West Virginia	e § 22-6A-10(a), notice d as follows:		he undersigned wel tude & Longitude:	l operator is planning entry to conduct
	Tytor		Public Road	Accese	39.463739 x -60.696934
District:	Eleworth	a comment	Watershed:	reveas.	Krondike Road
Quadrangle:	Middlobourne 7.5	The second of th		d farm neme:	Miciel Island Creek
•					Jay Boo Production
Charleston, W\ obtained from t	/ 25304 (304-92 he Secretary by	Sediment Control Man stary, at the WV Depart 26-0450). Copies of suc visiting www.dep.wv.	ment of Environments	u Protection headqu	il and gas exploration and production narters, located at 601 57th Street, SE, elated to horizontal drilling may be
Well Operator;	Jay-Bee 08 & Gas, In	C,	Address:	\$570 Bhields Hill Rd.	•
Telephone:	304-628-3111			Cairo, WV 28337	
Email:	cdowell@jsybecoll.co	m	Facsimile:	304-628-3119	
needed to compappropriately see	il and Gas proce rsonal information ply with statuto cure your person	sses your personal information may be disclosed to	frements, including I	or mun battles Ill	hone number espand uninegulatory the interference of business or as action Act requests quagodical will r personal information, please contact
					WV Department of Environmental Protection

Operator Well No. antiantiantamen

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

Notice Tim entry	e Requirement:	Notice shall be provi	ided at least SEVEN (7)	days but no more	than FORTY-FIVE (4	5) days prior to
	tice: 02/21/2017	Date of Plan	ned Entry: 02/28/2017			
Delivery m	ethod purmant	to West Virginia Co	de § 22-6A-10a			
PERSO	ONAL .	REGISTERED	☐ METHOD OF D	ELIVERY THAT	REQUIRES A	
SERVI	CE	MAIL	RECEIPT OR SI	GNATURE CON	FIRMATION	
but no more beneath such owner of min and Sedimen Secretary, wi	than forty-five d tract that has fil nerals underlying it Control Manua hich statement sk	lays prior to such entried a declaration pursics such tract in the course and the statutes and	required pursuant to this y to: (1) The surface ow and to section thirty-six, nty tax records. The not rules related to oil and p formation, including the	ner of such tract; ( , article six, chapt ice shall include a	ator shall provide notice ce shall be provided at le (2) to any owner or lesses er twenty-two of this cod statement that copies of d production may be obt o page on the Secretary's	ast seven days e of coal seams le; and (3) any the state Brosic
Notice is her	eby provided to	):				
☐ SURFA	CE OWNER(8)		□ co.	AL OWNER OR	LESSEF	
Name:			Name:			
Address:			Address		_	
Name:						
Address:			MIN E	ERAL OWNER	s)	
Name:				omerset Minerale LP		/
Address:				16400 N. Dallas Parkwa	ry Sulta 400	
_			Delles , YX 7 *picase atta	asses ch additional forms if	nicessary	
Notice is her	reby given:					
a plat survey o	on the tract of lar	le § 22-6A-10(a), noti id as follows:	ce is hereby given that t	he undersigned w	ell operator is planning e	ntry to conduct
State:	West Virginia	-u us 10110 H s.	Annrox, Letf	tude & Longitude	*	
County:	Tyler		Public Road	Access:	39.463739 x -60.896934 Klondike Road	
District:	Elbworth		Watershed:		Middle Island Creek	
Quadrangle:	Middlebourne 7,5"		Generally use	ed farm name:	Jay Bee Preduction	A CONTRACTOR MANAGEMENT
Charleston, W obtained from	V 25304 (304-9) the Secretary by	26-0450). Copies of		u Protection head	oil and gas exploration a quarters, located at 601 S related to horizontal dril	
	eby given by:					
Well Operator: Telephone:		ne.	Address:	3570 BNolds H# Rd.		
Telephone: Email:	304-626-3111			Cero, WV 28327		
Littaii.	sciones[B]sybesol.co		Facsimile:	304-628-81 (9		
The Office of C	Privacy Notice oil and Gas processonal information	esses vour nersonal in	formation, such as name to other State agencies	e, address and tele s or third parties	phone number, as part of in the normal course of	our regulatory

Th 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@wy.gov.

Operator Well No. Curty 2, curty 20

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

Notice Tin	se Requiremen	t: Notice shall be prov	ided at least SEVEN (7) days but no mor	re than FORTY-FIVE (45) days prior to
	tice: 02/21/2017		ned Entry: 02/22/2017	· · · · · · · · · · · · · · · · · · ·
Delivery m	ethed pursuan	t to West Virginia Co	ode § 22-6A-10a	
☐ PERS SERV		REGISTERED MAIL	☐ METHOD OF DELIVERY THA RECEIPT OR SIGNATURE COI	T REQUIRES A NFIRMATION
but no more beneath suc owner of mi and Sedime Secretary, w	than forty-five h tract that has f nerals underlyin nt Control Manu- hich statement	days prior to such entriled a declaration pursus such tract in the could and the statutes and	y to: (1) The surface owner of such tract; usint to section thirty-six, article six, chap mity tax records. The notice shall include i rules related to oil and gas exploration including the address for a sufformation, including the address for a sufformation, including the address for a sufformation, including the address for a sufformation.	a statement that copies of the state Erosion
Natice is he	reby provided (	to:		
☐ SURFA	CE OWNER(s)		☐ COAL OWNER OR	1 FEGED
Name; Address:			Name: Address:	DEGGENE
Name:			-	
Address:		_	MINERAL OWNER	<b>(8)</b>
Name: Address:			Name: Donald H. Lancaster J. Address: 2301 Tyter Highway Statementa, WV 20175	
		_	please attach additional forms	if necessary
Notice is he Pursuant to W a plat survey State:	reby given: /est Virginia Co on the tract of la West Wights	dc § 22-6A-10(a), not nd as follows:		well operator is planning entry to conduct
County:	Tyter		Approx. Latitude & Longitud Public Road Access:	
District:	Eltworth		Watershed:	Klorelike Roed Middle Island Creek
Quadrangie:	Middlebourne 7.5		Generally used farm name:	Jay Boo Production
Charleston, W	V 25304 (304-	926-0450). Conies of	anual and the statutes and rules related to artment of Environmental Protection hear such documents or additional information y.gov/oil-and-gas/pages/default.asgx.	
Notice is her	eby given by:			
Well Operator		Inc.	Address: 3570 Shees Hill Rd.	
Telephone: Email:	804-628-3111		Cairo, Viv 26337	
emen:	adentificative con	com	Facsimile: 304-628-9119	
The Office of (duties. Your paneeded to con appropriately s	ply with statu cours your pers	cesses your personal intion may be disclosed tory or regulatory re	formation, such as name, address and tell to other State agencies or third parties quirements, including Freedom of Information and questions about our use or you.	in the normal course of pusings of 125

Operator Well No. Own. Computation 2 Company

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

Notice '	Time Require	ment: Notice s	shall be provic	led at least SEVEN (	7) days but no more	than FORTY-FIVE (45)	davs nrier to
	Notice: 02/21/20			ed Entry: 02/28/2017	-	<b>********</b>	
Deliver	y method purs	ruant to West	Virginia Cod	e § 22-6A-19a			
□ PB	RSONAL RVICE	REGIS MAIL		☐ METHOD OF	DELIVERY THAT SIGNATURE CONF	REQUIRES A	
but no m beneath a owner of and Sedin Secretary enable th	ore than forty- such tract that h minerals under ment Control M , which statem e surface owne	five days prior has filed a deci rlying such tra Aanual and the ent shall inclu r to obtain cop	to such entry aration pursus ct in the coun statutes and r	or to filing a permit a equired pursuant to the to: (1) The surface of un to section thirty-a ty tax records. The n ules related to oil and	pplication, the opera- nis article. Such notic wner of such tract; (2 ix, article six, chapte otice shall include a	tor shall provide notice of a shall be provided at less to any owner or lesses to twenty-two of this code statement that copies of a production may be obtain page on the Secretary's to the content of the secretary's the secretary is the secretary of the secretary in the secretary is the secretary in the secretary in the secretary is the secretary in the secretary in the secretary is the secretary in the secretary in the secretary is the secretary in the secretary in the secretary in the secretary is the secretary in the secretary in the secretary in the secretary is the secretary in the secretary in the secretary in the secretary in the secretary is the secretary in the secretary in the secretary in the secretary in the secretary is the secretary in the sec	est seven days of coal scams ; and (3) any he state Erosion
Notice is	hereby provid	led to:					
	FACE OWNE	R(s)			OAL OWNER OR L	ESSER	
Name:Address:				Name: Addres			
Name:							,
Address;				■ M	INERAL OWNER(8)	)	
Name: Address:		-		Name: Addres Tuss , Os	University Of Tuber ale KOKI 8: Po Box 3498	F. NA	
Pursuant to a plat surve State: County: District:	West Virginia Tyler Elizarath	Code 8 22-6/	A-10(a), notice ws:		titude & Longitude: I Access:	ll operator is planning end S8.463779 x -50.698924 Klondbe Road	ry to conduct
Quadrangle	: Middlebourne 7.	8			sed farm name:	Middle Island Cresk Jay Bes Production	······································
Charleston, obtained fro	WV 25304 (3 om the Secretar nereby given	04-926-0450). y by visiting y by:	Conies of en	ch decuments or add	itional information readquition readquitio	il and gas exploration and parters, located at 601 57° elated to borizontal drillin	production a Street, SE, ag may be
Telephone:	304-828-3111			Address:	3570 Shields Hill Rd.		
Email:	sdowell@ayb	mon Does		Facsimile:	Celro, WV 28337 304-628-3119	<del></del> -	-
The Office of duties. Your needed to of appropriately	omply with a	processes your mation may tatutory or re erronal inform	guistory requ	irements, including	es or mun parmes in	hone number, as part of on the normal course of button Act requests. On personal information, personal information, personal office of O	usiness or as r office will lease contact

APR 12 2017

WV Department 69/2018
Environmental Protection

Operator Well No. Curly 10

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

Notice Time Date of Noti	Requirement: notice shall be p ice: 04/10/2017 Date		o later than the filing pplication Filed: 04		t application.			
Delivery me	thod pursuant to West Virgini	a Code §	22-6A-16(c)					
■ CERT	IFIED MAIL	■ HAND						
	RN RECEIPT REQUESTED		DELIVERY					
			DELIVERT					
return receip the planned required to b drilling of a damages to t	t requested or hand delivery, giv operation. The notice required e provided by subsection (b), sec horizontal well; and (3) A prop he surface affected by oil and ga	e the surf by this section ten co cosed surf soperation	ace owner whose lan subsection shall inclu of this article to a sur face use and compen ons to the extent the d	d will be used for ide: (1) A copy face owner whose sation agreement amages are com	ication, an operator shall, by certified mail for the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the nt containing an offer of compensation for spensable under article six-b of this chapter. sted in the records of the sheriff at the time			
	eby provided to the SURFACI							
	ss listed in the records of the she	riff at the	ALL CONTRACTOR OF THE PROPERTY					
	Production Company			Name: Anthony M. Goffi Irrevocable Trust				
Address: 3570 Shields Hill Rd. Cairo, WV 26337				Address: 745 Lynn Portal Washington, PA 15301				
		_						
State: County:	West Virginia Tyler	yler		B3 Easting: Northing:	508,849.4 4,368,258.9			
District:	Ellsworth		Public Road Acces	Access:	Klondike Ridge Rd			
Quadrangle:	Middlebourne 7.5'		Generally used farm name:		Jay-Bee Oil & Gas. Inc.			
Watershed:	Middle Island Creek	Middle Island Creek						
Pursuant to V to be provid horizontal we surface affect information	ed by W. Va. Code § 22-6A-10 ell; and (3) A proposed surface to ted by oil and gas operations to related to horizontal drilling ma , located at 601 57 <sup>th</sup> Street, SE	(b) to a use and co the exten y be obta	surface owner whos ompensation agreement the damages are called from the Secre-	e land will be on ent containing ar ompensable und tary, at the WV	code section; (2) The information required used in conjunction with the drilling of a n offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting			

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.

APR 1 2 2017

Office of Oil and Gas



#### WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

#### **Division of Highways**

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

February 23, 2017

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

Subject: DOH Permit for the Curly Pad, Tyler County

Curly 1U Well site

47-095-02446

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.

Dary K. Clayton

Regional Maintenance Engineer Central Office O&G Coordinator

Central Office O&G Coordin

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

APR 1 2 2017



#### JAY-BEE OIL & GAS, INC.

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

RE: Frac Additives

#### Permitting Office:

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

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

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

REGEIVED
Office of Oil and Gas

APR 1 2 2017

