

west virginia department of environmental protection

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

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

Monday, June 10, 2024 WELL WORK PERMIT Horizontal 6A / New Drill

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

JUPITER, FL 33477

Re:

Permit approval for P5N4 47-073-02632-00-00

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.

Operator's Well Number: P5N4

Farm Name: JayBee Royalty, LLC

U.S. WELL NUMBER: 47-073-02632-00-00

Horizontal 6A New Drill

Date Issued: 6/10/2024

API Number: 4707302632

PERMIT CONDITIONS

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

CONDITIONS

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

WW-6B (04/15)

API NO. 47-073	02632
OPERATOR WELL N	NO. P5N-4
Well Pad Name: P	5

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

1) Well Operat	tor: Jay-Be	e Oil & Gas,	Inc.	24610	Pleasants	Union	Bens Run 7 1/2'
				Operator ID	County	District	Quadrangle
2) Operator's V	Well Number	: P5N-4	1	Well Pac	l Name: P5		
3) Farm Name	Surface Owr	ner: Jay-Bee	Royalty,	LLC Public Roa	d Access: Arv	illa Rd.	
4) Elevation, co	urrent ground	d: <u>868.9'</u>	Ele	evation, proposed	post-constructi	on: 868.1 '	
5) Well Type	(a) Gas	X	Oil		erground Storag		
	Other				rground Storag		
	(b)If Gas	Shallow	Χ	Deep			
		Horizontal	X	549			
6) Existing Pad	: Yes or No	Yes					
7) Proposed Ta	rget Formatio	on(s), Depth(s	s). Anticir	pated Thickness ar	nd Evnantad Dr		
Marcellus Fo	rmation Targe	et Depth 6,725	5' MD Thi	ckness 12' Exped	ted PSI at surfa	essure(s):	
8) Proposed To					iou i oi ut ourie	100 0	
9) Formation at			larcellus	/			
				/			
10) Proposed To		-	7,586'	,			
11) Proposed H	orizontal Leg	g Length: 10	0,859.4'	/			
12) Approximat	e Fresh Wate	er Strata Dept	hs:	127'			
13) Method to I	Determine Fro	esh Water De	oths: AP	1 47-073-00798 Fres	hwater, 47-073-0	0636 Saltwat	ter, 47-073-00099 Coal
14) Approximat				2 2 1222 222 2			ei, 47-073-00099 Coal
15) Approximat	e Coal Seam	Depths: 456	3.1-461.1		De		
6) Approximat	e Depth to Po	ossible Void ((coal mine	e, karst, other):	V/A	CEIVED f Oil and Gas	3
7) Does Propos	sed well locat	tion contain c	nal seams		MAY	0 9 2024	
lirectly overlyin	g or adjacent	t to an active	mine?	Yes	Enviro Nopa	arXnent of	
					onmen	tal Protection	
(a) If Yes, prov	ride Mine Ini			-			
		Depth:	-		-		
		Seam:	_				
		Owner:					

July Hell 5-1-2024

WW-6B (04/15)

API NO. 47- 073 - 6263 2 OPERATOR WELL NO. P5N-4 Well Pad Name: P5

18)

CASING AND TUBING PROGRAM

TYPE		Morre	4				
	Size	New	Condo	Weight per ft.	FOOTAGE: For	INTERVALS:	CEMENT:
	<u>(in)</u>	Or Ugod	Grade	(lb/ft)	Drilling (ft)	Left in Well	Fill-up
C 1 .		Used		Wallian Principle	1201	<u>(ft)</u>	(Cu. Ft.)/CTS
Conductor	26"	New	H-40	102 lb./ft.	30'	30'	CTS
Surface	18 5/8"	New	J-55	87.5 lb./ft.	300'	300'	370 Cu. Ft. CTS
Intermediate 1	13 3/8"	New	J-55	61 lb./ft.	2,000'	2,000'	1,339 Cu. Ft. CTS
Intermediate 2	9 5/8"	New	HCP110	40-43.5 lb./ft.	5,000'	5,000'	1,664 Cu. Ft. CTS
Production	5 1/2"	New	P-110	20 lb./ft.	17,586'	1 m m a a a	4,069 Cu. Ft. 300' Top
Tubing	2 3/8"	New	L-80	4.7 lb./ft.	N/A	6,700'	
Liners	N/A			10./11.	N/A	6,700	N/A

TYPE		Wellbore	Wall	Burst Pressure	Anticipated		Cement
	Size (in)	<u>Diameter (in)</u>	Thickness (in)	(psi)	Max. Internal Pressure (psi)	Cement Type	Yield (cu. ft./k)
Conductor	26"	30"	.375	N/A	50	A	1.19
Surface	18 5/8"	24"	.435	2,250	1,000	A/L	1.19/1.15
Intermediate 1	13 3/8"	17 1/2"	.480	3,090	2,000	A/L	1.19/1.14
Intermediate 2	9 5/8"	12 1/4"	.395435	8,700-8,980	4,500	A/L	1.31/2.29
Production	5 1/2"	8 1/2"	.304	12,640	7,500	A/H/G	1.29-1.41/1.32/1.06
Tubing	2 3/8"	5 1/2"	.190	7,700	2,500	N/A	N/A
Liners	N/A				-,300	1 9/1 (14/1

Office Of Oil and Gas

MAY 0 9 2024

PACKERS

WV Department of Environmental Project

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

Juny Mill

WW-6B	
(10/14)	

API NO. 47073 _	
OPERATOR WELL	NO. P5N-4
Well Pad Name: _	P5

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

Drill and Stimulate a new Horizontal Well. Using a top hole rig, we will drill top hole to set conductor and surface casing, move in bottom hole rig drill on air or water based fluid to set intermediate 1 and 2 casing strings, drill on air or water based fluid to top of curve (KOP). Load hole with SOBM trip out pick up BHA for curve and lateral drill well to planned TD. Run production casing and cement per design. Move out rig move in frac company stimulate well with water, sand and chemicals per frac design.

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

200' per stage plug to plug approx 8,500 bbls of water, approx 400,000-500,000 lbs of propant, friction reducer, 1gpt. scale inhibitor and biocide .25 gpt 2,000 gallons 15% vol acid. 95 bpm @ 7,500# pressure.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 30.73
- 22) Area to be disturbed for well pad only, less access road (acres): 8.97
- 23) Describe centralizer placement for each casing string:

Vertical - Every 3rd joint place a centralizer to surface. Horizontal - Every other joint place a solid body centralizer. Curve - Every other joint place a solid body centralizer.

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

Office	RE(CEI	/ED	
Unice	f 14	Oil		-
	0,	OIL	CH IO	1720

o Intermediate String (9-56°) - 15.5 PPG - Class L Cemers, 0.70% Cascum Chonus, Fount Florence, 12 Florence, 12 Florence, 12 Florence, 12 Florence, 12 Florence, 13 Florence, 14 Florence, 15 Florence,

WV Department of Environmental Protection

25) Proposed borehole conditioning procedures:

- -24" surface hole- for the 18 5/8" fresh water case-circulate until clean with air or fresh water. If soaping, slug then dry.
- -17.5" hole- for the intermediate #1 13 3/8" case-circulate until clean with air or fresh water. If soaping, slug then dry.
- -12.25" hole- for the intermediate #2 9 5/8" case-circulate until clean with air or water based fluid. If soaping, slug then dry.
- -8.5" hole from KOP or bottom of 9 5/8" to TD- 5.5" production case-circulate with mud and sweep to condition well bore. If needed weight up mud until no cuttings retrieved, then circulate with mud and sweeps until none or minimal cuttings are being reretrieved.

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

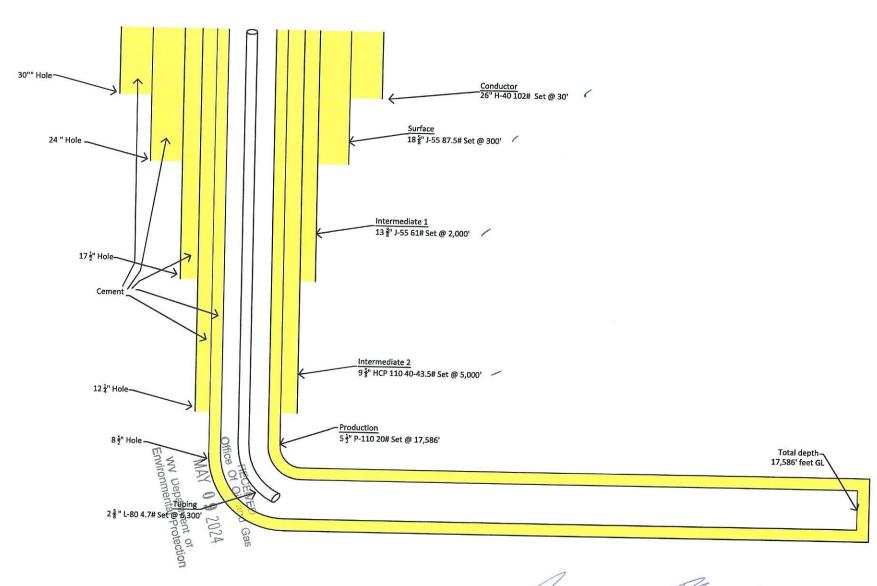
4707302632

Jay-Bee Oil & Gas Inc.
Well Name: P5N4
GL Elevation: 868.9'

District: County: Union Pleasants

State:

West Virginia



Jenny Med 5-1-2024

API Number 47 - 073	_ 02632
Operator's W	ell No. P5N-4

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Jay-Bee Oil & Gas, Inc. OP Code 24610	
Watershed (HUC 10) Sugar Creek of Outlet Middle Island Creek Quadrangle Bens Run 7 1/2'	
Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes	No
Will a pit be used? Yes No V	
If so, please describe anticipated pit waste:	
Will a synthetic liner be used in the pit? Yes No If so, what ml.?	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application Underground Injection (UIC Permit Number 47-085-09721 Reuse (at API Number Off Site Disposal (Supply form WW-9 for disposal location) Other (Explain Using Contract Haulers (API 47-085-05151)	
Will closed loop system be used? If so, describe: Yes, Centrifuge Drying Shaker System for Top Hole & Hold Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air Vert	
-If oil based, what type? Synthetic, petroleum, etc. ABS 40 (Aliphatic Base System)	
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 offsite, etc. Landfill	
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)_Landfill	
-Landfill or offsite name/permit number? Meadowfill/Permit 101219WV	
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permit where it was properly disposed.	
I certify that I understand and agree to the terms and conditions of the GENERAL WATER POL on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protect provisions of the permit are enforceable by law. Violations of any term or condition of the general perm law or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the infor application form and all attachments thereto and that, based on my inquiry of those individuals important of the information, I believe that the information is true, accurate, and complete. I am aware penalties for submitting false information, including the possibility of fine or imprisonment. Company Official Signature Company Official Title Regulatory Agent	tion. I understand that the nit and/or other applicable mation submitted on this mediately responsible for
Subscribed and sworn before me this 30 day of 400, 2024	,
Notary Public	OFFICIAL SEAL STATE OF WEST VIRGINIA NOTARY PUBLIC
My commission expires $\frac{9}{14}$ $\frac{2028}{}$	Kendall Hamrick 162 Beech Avenue, Philippi, WV 26416 My Commission Expires September 14, 2028

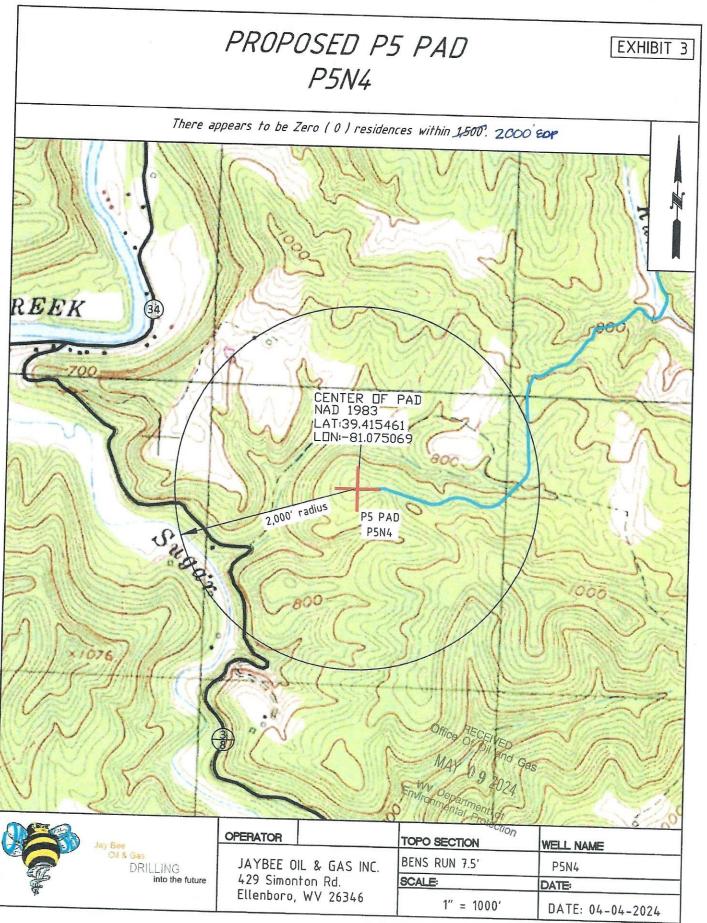
		No. P5N-4
Proposed Revegetation Treatment: Acres Disturbed 30.73	Prevegetation pH 6	8
Lime Tons/acre or to correct to pH	6.8	
Fertilizer type 10-20-20		
	s/acre	
Mulch Hay 20Tons/a	cre	
<u>Seed</u>	Mixtures	
Temporary	Permanent	
Seed Type lbs/acre	Seed Type	lbs/acre
Annual Ryegrass 40	Perennial Ryegrass	10
See Well Plan	Creeping Red Fescue	30
acreage, of the land application area	tion (unless engineered plans including the tensions (L x W x D) of the pit, and dimensions (E x W x D	ais info have been nsions (L x W), and
Photocopied section of involved 7.5' topographic sheet.	ensions (L x w x D) of the pit, and dime	nsions (L x W), and
Maps(s) of road, location, pit and proposed area for land applicate provided). If water from the pit will be land applied, include dimacreage, of the land application area Photocopied section of involved 7.5' topographic sheet.	ensions (L x w x D) of the pit, and dime	nsions (L x W), and
Photocopied section of involved 7.5' topographic sheet.	Office Of Oil	nsions (L x W), and
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Photocopied section of involved 7.5' topographic sheet.	Office RECEIVED MAY 09 202	nsions (L x W), and
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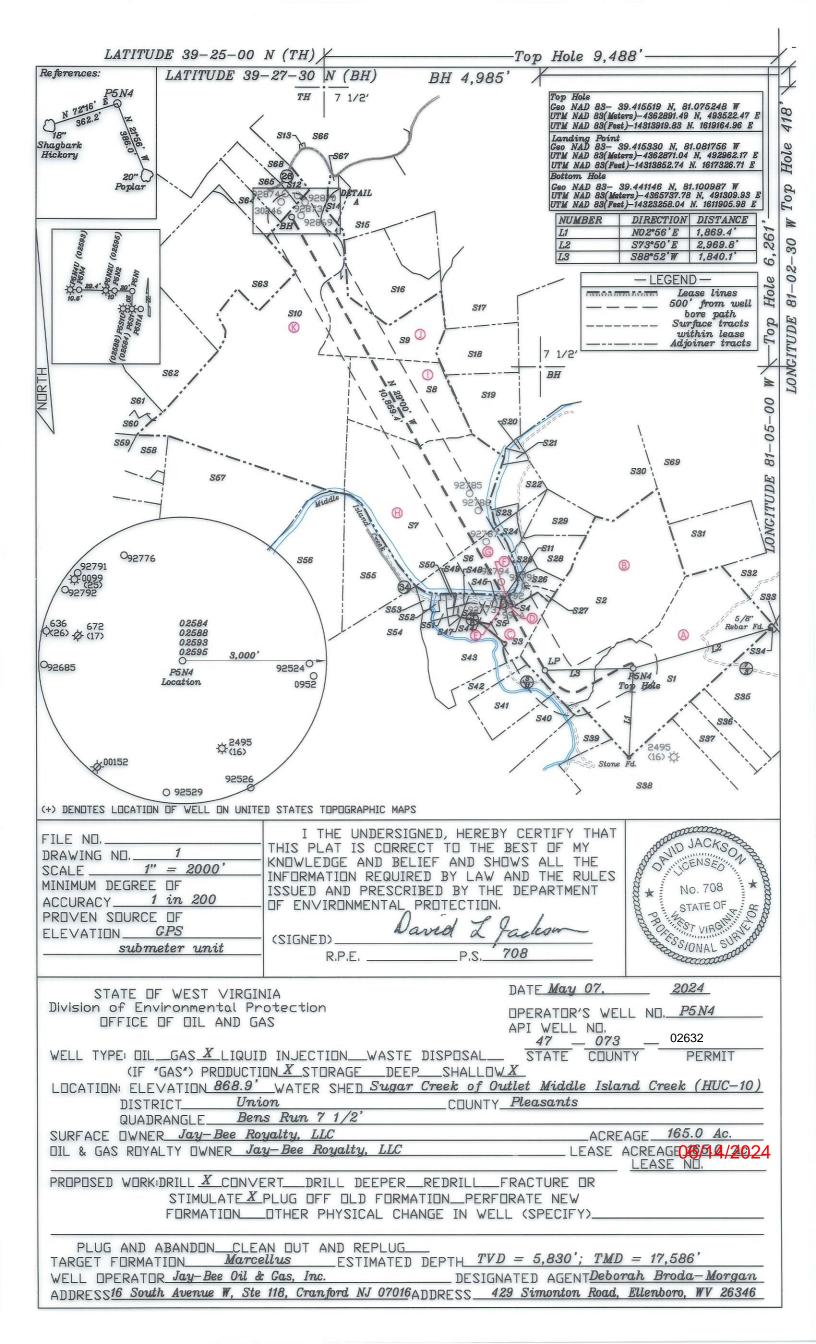
P5N-4

SITE Office Of Oil and Gas Office Of Oil and Gas MAY 0.9 2024 WY Department of Environmental Profess SAFETY PLAN

JAY-BEE OIL & GAS, INC

June Mere S-1-202 06/14/2024





JACKSON SURVEYING INC.

Number Tax Map -Parcel

7-11-29

S1

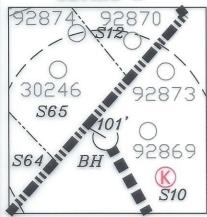
2413 East Pike Street #112 Clarksburg, WV 26301 304-623-5851

Notes:

1. All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats, & aerial photos.

- 2. Ties to wells and corners are based on State Plane Crid North—WV North Zone NAD 83.
- 3. Surface and Royalty owner information and boundaries shown hereon were plotted from deeds and/or Tax Parcel Maps and/or field locations.
- 4. This plat does not represent a boundary survey of parcels shown
- 5. No water wells were found within 250' of the well location. No dwellings or buildings were found within 625' from the center of the proposed pad. No perennial streams are located within 100' of LOD. No producing trout stream is located within 300' of LOD.

DETAIL A



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LILLAY	CENS	ACKS	211
- d	NO. 70 STATE	CD.	7:
*	NO. 70	80	*
PR	STATE	OF N	OR
THE CO	VIVIR	SURV	\$ 13 m
11111	SIONAL	SULLI	111
	THILL	111.	

52 7-11-27 Darin J Barber 165 **S**3 7-11-25.12 Kenneth G & Doris A Holmes 21.267 54 7-11-25.6 Lewis K & Virginia M Houser 0.581 S5 7-11-25.13 Jon R & Sharon Y Bailey 0.624 S11 West Virginia Department of Natural Resources Middle Island Creek 7-11-25.7 40.88 G 56 Sandra K Lamm, Ronald S Holmes, Roger Q Holmes & Kenneth G Holmes 7-11-1 Н **S7** BMB Enterprises, LLC & Jay-Bee Royalty LLC 157.5 58 7-6-66 Jay-Bee Royalty LLC 69.887 Lisa Stanley Trustee of R Dean Smith 2009 Trust FBO Lisa 59 7-6-64 321.62 S10 7-6-111 Spring Mountain Holding, LLC S12 7-6-109 Nathan Wade Bennett 5.011 S13 7-6-100 C J Barnhart Heirs (Cemetery) 0.25 S14 7-6-30 1 David Roger & Patty Sue McCartney S15 7-6-30 45 Charles R & Beth Ann Mankins 60 S16 7-6-37 Louie A Stanley S17 7-6-65 47.5 Haessly Land & Timber LLC 7-6-67 **S18** Robert William Butler & Cathleen Louisa Peracchio 38.93 S19 7-6-103 Robert William Butler & Cathleen Louisa Peracchio Brian M Holmes S20 7-11-04 S21 7-11-03.1 Brian M Holmes S22 7-11-03 Sandra K Lamm, Ronald S Holmes, Roger Q Holmes & Kenneth G Holmes 18.203 S23 7-11-03.2 Edward B Holmes 3.447 S24 7-11-02 Gary & Beverly Burian 6.130 S25 7-11-25 Joshua Scott & Abigail Kathryn Holmes 9.131 S26 7-11-25.11 Joshua S Holmes S27 7-11-25.14 Joshua S & Abigail K Holmes 2.268 S28 7-11-25.10 Marvin E & Sandra K Lamm 18.287 **S29** 7-11-25.9 Roger Q & Kimberly A Holmes 20.534 \$30 7-11-5 Roger Q & Kimberly A Holmes 111 S31 7-11-28 Jay-Bee Royalty LLC 56.5 532 7-11-30 Jay Bee Oil & Gas, Inc 25.14 533 7-11-32 Norma Jean Farson, Larry William Horner, 231.824 Linda Lou Fetty & Garry Lee Horner S34 7-11-45.1 Gardner Cemetery 0.5343 S35 7-11-45 Matthew A & Dawina M Taylor 94.61 7-11-43 S36 Matthew A & Dawina M Taylor 18.6 **S37** 7-11-44 Matthew A & Dawina M Taylor 25.8 S38 7-11-41 Melanie Jo Manuse Revocable Trust 123.27 539 7-11-40 Jay Bee Royalty, LLC 62.063 \$40 7-11-34 Max E & Linda L Hall & Christopher G Hall & Curtis M Hall 38.33 S41 7-11-35 Jay Bee Royalty, LLC 30.893 S42 Edward W Williamson & Jeffrey L Williamson 7-11-33 14.25 S43 7-11-26 Patrick Dean Sole 49.1769 S44 7-11-25.3 Kenneth G & Doris A Holmes 5.621 S45 7-11-25.5 Dean Schultheis 0.75 S46 7-11-25.4 Benny D & C Darlene Wharton 1.5 **S47** 7-11-24 Luke Alan Myers 0.21 S48 7-11-23.1 Bobbi Jo & Warren Patrick Judge 0.524 S49 7-11-23.2 Bobbi Jo & Warren Patrick Judge 0.84 \$50 7-11-23 Bobbi Jo & Warren Patrick Judge 0.93 S51 7-11-22 Grant Hoskinson 3.63 West Virginia Department of Natural Resources 1.37 S53 7-11-21 Michael Blaine Beagle 7-11-48 S54 Michael Blaine Beagle 112.25 7-11-50 **S55** Michael William Hanlin 58.5 **S56** 7-11-53 Haessly Land & Timber LLC 80 274.06 **S57** 7-11-57 Ian & Robin Ann Weaver S58 7-10-07 Richard C & Rebecca D Beane 30 \$59 7-11-06 Richard C & Diane Beane 20 S60 7-10-55 Joseph & Cynthia Ayers 3.647 S61 7-5-61 Joseph & Cynthia Ayers 35.981 S62 7-11-62 Jay Bee Royalty, LLC 60.5 Spring Mountain Holding LLC 117.412 S64 7-5-36 Carroll L Ash 7-5-37 **S65** Ronald W Metz Life Est 20 7-6-100.1 Tyrell W & Amanda L Childers **S66** 66.71 S67 7-5-31 David Roger & Patty Sue McCartney 0.75 7-5-38 S68 Timothy R & Pamela J Nichols 11.211 S69 7-11-16 John A & Edith U Smith 189.21

Jay-Bee Royalty LLC

165

David I Jackson

06/14/2024



Jay Bee Oil & Gas DRILLING into the future

47-073-02632 API #: P5N4 WELL #: _ DISTRICT: Union COUNTY: Pleasants

WV

STATE: _

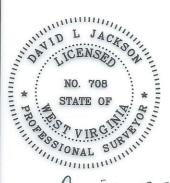
WELL PLAT

PAGE 2 OF 3

DATE: 05/07/2024

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

Tract	<u>District</u> Tax Map/Parcel	JB Tract #	Lessor, Grantor, etc	Deed Book/Page	Acres
A	P7207	07-11-29	Jay-Bee Royalty, LLC	312/470 312/199 312/465 312/481 316/347 318/674	165
В	P7206	07-11-27	Carl Edward Evans, Jr., et al	301/242	165
C	P7267L	07-11-25.12	Kenneth G. & Doris A. Holmes, et al	317/21	21.267
D	P7267F	07-11-25.6	Jeffrey Dale Sole, et al	317/13	0.581
Е	P7267M	07-11-25.13	Jon R. & Sharon Y. Bailey, et al	319/22	0.624
F	DNR 5	Middle Island Creek	West Virginia Division of Natural Resources	329/653	Middle Island Creek
G	P7267G	07-11-25.7	Jeffrey Dale Sole, et al	317/13	40.88
Н	P7041	07-11-1	BMB Enterprises, LLC, et al	293/620	157.5
I	P7039	07-6-66	Ridgetop Capital IV, LP, et al	294/257	85
J	P7122	07-6-64	BMB Enterprises, LLC, et al	293/620	69.887
K	P7098	07-6-111	BMB Enterprises, LLC, et al	293/620	321.62



Office Of Oil and Gas

MAY 0 9 2024

WY Department of Environmental Protection

P.S. David L Jackson

06/14/2024



Jay Bee
Oil & Gas
DRILLING
into the future

API #: 47-073-02632

WELL #: P5N4

DISTRICT: Union

COUNTY: Pleasants

WV

STATE: ____

WELL PLAT

PAGE 3 OF 3

DATE: 05/07/2024

WW-6A1 (5/13)

Operator's Well No. P5N

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
		, , , , , , , , , , , , , , , , , , , ,	Royalty	DOOKFage

PLEASE SEE ATTACHED EXHIBIT TO

Acknowledgement of Possible Permitting/Approval

In Addition to the Office of Oil and Gas

Office Of Celved

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, detal en.

-nvironmental protection 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.	9
By:	Emily Potesta	
Its:	Regulatory Agent	

Page 1 of

Jay-Bee Oil & Gas, Inc P5N-4 Permit - WW-6A1 Exhibit								
Tracts	JB Tract #	<u>First</u>	<u>Middle</u>	Last	Lessee, Grantee, etc.	Royalty %	Deed Book/Page	Leased Acres
A	07-11-29	Jay-Bee Royalty, LLC				≥ 12.5%	312/470 312/199 312/465 312/481 316/347 318/674	165
В	07-11-27	Carl	Edward	Evans, Jr.	BB Land, LLC	≥ 12.5%	301/242	165
В	07-11-27	Nancy	Alberta	Tabler	BB Land, LLC	≥ 12.5%	301/242	165
В	07-11-27	Leslie	Mae	Bunner	Antero	≥ 12.5%	301/242	165
В	07-11-27	Jay-Bee Royalty, LLC			BB Land, LLC	≥ 12.5%	312/13 312/5 312/1 311/695 312/21 312/17 312/25 312/33 312/29 312/9	165
В	07-11-27	Assignment from Antero	to BB Land, LLC		BB Land, LLC		318/620	165
С	07-11-25.12	Kenneth G. &	Doris A.	Holmes	BB Land, LLC	≥ 12.5%	317/21	21.267
С	07-11-25.12	Jeffrey	Dale	Sole	BB Land, LLC	≥ 12.5%	317/13	21.267
С	07-11-25.12	Patrick	Dean	Sole	BB Land, LLC	≥ 12.5%	317/13	21.267
С	07-11-25.12	Joyce	Kay Mixer	Caputo	BB Land, LLC	≥ 12.5%	317/25	21.267
C	07-11-25.12	Stuart	A.	Hamilton	BB Land, LLC	≥ 12.5%	317/25	21.267
D	07-11-25.6	Jeffrey	Dale	Sole	BB Land, LLC	≥ 12.5%	317/13	0.581
D	07-11-25.6	Patrick	Dean	Sole	BB Land, LLC	≥ 12.5%	317/13	0.581
D	07-11-25.6	Kenneth	G.	Holmes	BB Land, LLC	≥ 12.5%	317/21	0.581
D	07-11-25.6	Ronald	S.	Holmes	BB Land, LLC	≥ 12.5%	317/17	0.581
D	07-11-25.6	Roger	Q.	Holmes	BB Land, LLC	≥ 12.5%	316/644	0.581
D	07-11-25.6	Sandra	K.	Lamm	BB Land, LLC	≥ 12.5%	317/30	0.581
D	07-11-25.6	Joyce	Kay Mixer	Caputo	BB Land, LLC	≥ 12.5%	317/25	0.581
D	07-11-25.6	Stuart	A.	Hamilton	BB Land, LLC	≥ 12.5%	317/25	0.581
E	07-11-25.13	Jon R. &	Sharon Y.	Bailey	BB Land, LLC	≥ 12.5%	319/22	0.624
E	07-11-25.13	Jeffrey	Dale	Sole	BB Land, LLC	≥ 12.5%	317/13	0.624
E	07-11-25.13	Patrick	Dean	Sole	BB Land, LLC	≥ 12.5%	317/13	0.624
E	07-11-25.13	Joyce	Kay Mixer	Caputo	BB Land, LLC	≥ 12.5%	317/25	0.624
E	07-11-25.13	Stuart	A.	Hamilton	BB Land, LLC	≥ 12.5%	317/25	0.624
F	Middle Island Creek	West Virginia Division of	Natural Resources		BB Land, LLC	≥ 12.5%	329/653	Middle Island Creek
G	07-11-25.7	Jeffrey	Dale	Sole	BB Land, LLC	≥ 12.5%	317/13	40.88
G	07-11-25.7	Patrick	Dean	Sole	BB Land, LLC	≥ 12.5%	317/13	40.88

G	07-11-25.7	Kenneth	G.	Holmes	BB Land, LLC	≥ 12.5%	317/21	40.88
G	07-11-25.7	Ronald	S.	Holmes	BB Land, LLC	≥ 12.5%	317/17	40.88
G	07-11-25.7	Roger	Q.	Holmes	BB Land, LLC	≥ 12.5%	316/644	40.88
G	07-11-25.7	Sandra	K.	Lamm	BB Land, LLC	≥ 12.5%	317/30	40.88
G	07-11-25.7	Joyce	Kay Mixer	Caputo	BB Land, LLC	≥ 12.5%	317/25	40.88
G	07-11-25.7	Stuart	A.	Hamilton	BB Land, LLC	≥ 12.5%	317/25	40.88
H	07-11-1	BMB Enterprises, LLC			BB Land, LLC	≥ 12.5%	293/620	110.25
H	07-11-1	Jay-Bee Royalty, LLC			BB Land, LLC	≥ 12.5%	293/619	110.25
I	07-6-66	Ridgetop Captial IV, LP			BB Land, LLC	≥ 12.5%	294/257	85
I	07-6-66	BB Land LLC			BB Land, LLC	≥ 12.5%	330/180	85
J	07-6-64	Erma	K	Pethtel	Blackrock Enterprises, LLC	≥ 12.5%	300/54	45.75
J	07-6-64	BMB Enterprises, LLC			BB Land, LLC	≥ 12.5%	293/620	45.75
J	07-6-64	Jay-Bee Royalty, LLC			BB Land, LLC	≥ 12.5%	343/547	45.75
J	07-6-64	Assignment from Blackro	ock Enterprises, LLC to E	BB Land, LLC	BB Land, LLC		295/297	45.75
K	07-6-111	Erma	K	Pethtel	Blackrock Enterprises, LLC	≥ 12.5%	300/54	624
K	07-6-111	BMB Enterprises, LLC			BB Land, LLC	≥ 12.5%	293/620	624
K	07-6-111	Jay-Bee Royalty, LLC			BB Land, LLC	≥ 12.5%	343/547	624
K	07-6-111	Assignment from Blackro	ock Enterprises, LLC to B	BB Land, LLC	BB Land, LLC		295/297	624



May 6th, 2024

Permitting Office Office of Oil and Gas WV Department of Environmental Protection 601 57th St. SE Charleston, WV 25304

Re: P5N-4 Well

Permitting Office:

As you know we have applied for a well permit for the P5N-4 Well in Pleasants County, West Virginia. This pad is located off of Arvilla Rd. This wellbore does not travel under any public roads maintained by the WV Department of Highways.

If you would have any questions concerning this matter, please feel free to contact me at our office or by cell phone -304-933-3878 or 304-203-0665.

Sincerely,

Emily Potesta Regulatory Agent

Office Of Oil and Gas

MAY 09 2024

WV Department of Environmental Protection

WW-PN (11-18-2015)

Horizontal Natural Gas Well Work Permit **Application Notice By Publication**

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement

start paonsii in the county in which the well is	s located or is	proposed to be	e located a Class II legal advertisement.
Paper: St. Marys Oracle			
Public Notice Date: 03/13/2024 & 03/20/202	4		
The following applicant intends to apply for a surface excluding pipelines, gathering lines an any thirty day period.	a horizontal n nd roads or ut	atural well wor ilizes more that	k permit which disturbs three acres or more of n two hundred ten thousand gallons of water in
Applicant: Jay-Bee Oil & Gas, Inc.		Well Nun	nber: P5N-4
Address: 429 Simonton Rd.			
Ellenboro, WV 26346			
Business Conducted: Natural gas production Location –	ı.		
State: West Virginia		County:	Pleasants
District: Union		Quadrangle:	Bens Run 7 1/2'
UTM Coordinate NAD83 Northing:	4362891.49		
UTM coordinate NAD83 Easting:	493522.47		
Watershed: Sugar Run of Outlet Middle Is	sland Creek (HU	IC 10)	
Coordinate Conversion: To convert the coordinates above into longitude Electronic notification:	e and latitude,	, visit: <u>http://tag</u>	gis.dep.wv.gov/convert/llutm_conus.php

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-920-0430). Full copies in a proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at <a href="https://apps.dep.wv.gov/oog/comments/comment Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.craes-policy-twell-number, Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the country well number, office country to the country of the cou

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

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

Date of Notice Certification: 05/06/2024	API No. 47- 07	3	
	Operator's We		
NY // Y	Well Pad Name		
Notice has been given:		-	
Pursuant to the provisions in West Virginia Code § 22-6A, below for the tract of land as follows:	the Operator has provided the required	l parties with	the Notice Forms listed
Total de lono vis.	1	ranco mun	the Proffee Politis listed
State: West Virginia	UTM NAD 83 Easting: 4935	22.47	
County: Pleasants	UTWINAD 83	891.49	
District: Union	Public Road Access: Arvill	a Rd.	
Quadrangle: Bens Run 7 1/2'	Generally used farm name: Jay-	Bee Royalty, LLC	
Watershed: Sugar Run of Outlet Middle Island Creek (HUC 10)	and the second s		
Pursuant to West Virginia Code § 22-6A-7(b), every perprescribed by the secretary, shall be verified and shall cont it has provided the owners of the surface described in su information required by subsections (b) and (c), section six of giving the surface owner notice of entry to survey pur requirements of subsection (b), section sixteen of this art Virginia Code § 22-6A-11(b), the applicant shall tender proof this article have been completed by the applicant.	and the following information: (14) A of abdivisions (1), (2) and (4), subsection teen of this article; (ii) that the requirest suant to subsection (a), section ten or significant ways are included.	certification for (b), section ment was deed this article s	rom the operator that (i) a ten of this article, the med satisfied as a result six-a; or (iii) the notice
Pursuant to West Virginia Code § 22-6A, the Operator has that the Operator has properly served the required parties	s attached proof to this Notice Certific with the following:	ation	
*PLEASE CHECK ALL THAT APPLY	7		OOG OFFICE USE ONLY
ggs-hard	IC ACTIVITY WAS CONDUCTED		RECEIVED/ NOT REQUIRED
☐ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐	NO PLAT SURVEY WAS CONDU	ICTED	RECEIVED
NOTIC	TICE NOT REQUIRED BECAUSE E OF ENTRY FOR PLAT SURVEY ONDUCTED or		RECEIVED/ NOT REQUIRED
	RITTEN WAIVER BY SURFACE OV PLEASE ATTACH)	VNER	
■ 4. NOTICE OF PLANNED OPERATION			RECEIVED
■ 5. PUBLIC NOTICE			RECEIVED
■ 6. NOTICE OF APPLICATION			RECEIVED

Required Attachments:

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

Certification of Notice is hereby given:

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

Well Operator:Jay-Bee Oil & Gas, Inc.Address:429 Simonton Rd. P.O. Box 129By:Emily PotestaEllenboro, WV 26346Its:Regulatory AgentFacsimile:304-628-3119Telephone:304-628-3111Email:epotesta@jaybeeoil.com

NOTARY SEAL

OFFICIAL SEAL
STATE OF WEST VIRGINIA
NOTARY PUBLIC
Kendall Hamrick
162 Beech Avenue, Philippi, WV 26416
My Commission Expires September 14, 2028

Subscribed and sworn before me this 7 day of May 2024.

| May Commission Expires 9/14/2018

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.

4707302632 API NO. 47-073 02632 OPERATOR WELL NO. P5N-4 Well Pad Name: P5

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: 4/19/2024 Date Permit Application Filed: 5/6/2024 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: SEE ATTACHED LIST Exhibit 6A Name: Address: Address: Name: ☐ COAL OPERATOR Address: Name: Address: ☑ SURFACE OWNER(s) (Road and/or Other Disturbance) Name: SEE ATTACHED LIST Exhibit 6A SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Office Address: Name: SEE ATTACHED LIST Exhibit 6A Name: Address: Address: OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name:

Address: Ironmental projection ☐ SURFACE OWNER(s) (Impoundments or Pits) Address: *Please attach additional forms if necessary

API NO. 47- 073	
OPERATOR WELL NO.	P5N-4
Well Pad Name: P5	

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

Well Location Restrictions

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

4707302632

API NO. 47-073

OPERATOR WELL NO. P5N-4

Well Pad Name: P5

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:

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

WV Department of Environmental Protection

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

4707302632

API NO. 47- 073 OPERATOR WELL NO. P5N-4
Well Pad Name: P5

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

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

Permit Denial or Condition

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

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

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

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

4707302632

API NO. 47- 073 OPERATOR WELL NO. P5N-4 Well Pad Name: P5

Notice is hereby given by:

Well Operator: Jay-Bee Oil & Gas, Inc

Telephone: 304-628-3111 Email: epotesta@jaybeeoil.com Address: 429 Simonton Rd. P.O. Box 129

Ellenboro, WV 26346 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 STATE OF WEST VIRGINIA NOTARY PUBLIC Kendall Hamrick 162 Beech Avenue, Philippi, WV 26416 dy Commission Expires September 14, 2028

Office Of Oil and Gas WV Department of Environmental Protection

Operator Well No. P5N-4

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Notice Time Date of Noti	Requirement: Notice shall be provided at leas ce: 04/19/2024 Date Permit	at TEN (10) days prior to filing Application Filed: 05/06/2024	a permit application.
Delivery me	thod pursuant to West Virginia Code § 22-6A	A-16(b)	
☐ HAND	CERTIFIED MAIL		
DELIV	— CERTH IED WAIL		
	TOTAL TREEDIL I REQUES		
drilling a hor of this subsection m	W. Va. Code § 22-6A-16(b), at least ten days pristed or hand delivery, give the surface owner notizental well: <i>Provided</i> , That notice given pursuation as of the date the notice was provided to the day be waived in writing by the surface owner. To be, facsimile number and electronic mail address	uant to subsection (a), section to esurface owner: <i>Provided, ho</i>	the surface owner's land for the purpose of en of this article satisfies the requirements wever, That the notice requirements of this
Notice is he	reby provided to the SURFACE OWNER	R(s):	
Name: Jay-Bee	Royalty, LLC	Name:	
A STATE OF THE STA	ganfuskee St. Ste 126	Address:	
Jupite	er, FL 33477		
the surface ov State: County: District: Quadrangle:	Vest Virginia Code § 22-6A-16(b), notice is her wher's land for the purpose of drilling a horizont West Virginia Pleasants Union Bens Run 7 1/2'	UTM NAD 83 Easting: Northing: Public Road Access:	well operator has an intent to enter upon obllows: 4362891.49 493522.47 Arvilla Rd.
Watershed:	Sugar Run of Outlet Middle Island Creek (HUC 10)	Generally used farm name:	Jay-Bee Oil & Gas, Inc.
Pursuant to V facsimile num related to hori	Shall Include: Vest Virginia Code § 22-6A-16(b), this notice liber and electronic mail address of the operate zontal drilling may be obtained from the Secre 57 th Street, SE, Charleston, WV 25304 (304-92)	of and the operator's authorize	ed representative. Additional information
	eby given by:		
Well Operator	: Jay-Bee Oil & Gas, Inc.	Authorizad D	
Address:	429 Simonton Rd. P.O. Box 129	Authorized Representative: Address:	Emily Potesta
	Ellenboro, WV 26346	Address:	429 Simonton Rd. P.O. Box 129
Telephone:	304-628-3111	Tolonkou	Ellenboro, WV 26346
Email:	epotesta@jaybeeoil.com	Telephone: Email:	304-203-0665
Facsimile:	304 628 2440	T	epotesta@jaybeeoil.com
Oil and Gas The Office of (Privacy Notice: Dil and Gas processes your personal information	n, such as name, address and tel	304-628-3119 Or CilVED and Gas as part of our regulations

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.

WW-6A5 (1/12)

Operator Well No. P5N-4

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

Notice Time Date of Not	e Requirement: notice shall be provided no later ice: 04/19/2024 Date Permit Applica	r than the filing ation Filed: 05/	g date of permi	t application.
Delivery me	ethod pursuant to West Virginia Code § 22-6A	A-16(c)		
	IFIED MAIL HAN RN RECEIPT REQUESTED DEL	ND LIVERY		
the planned required to b drilling of a damages to the	W. Va. Code § 22-6A-16(c), no later than the of trequested or hand delivery, give the surface own operation. The notice required by this subsect e provided by subsection (b), section ten of this a horizontal well; and (3) A proposed surface us the surface affected by oil and gas operations to the serious required by this section shall be given to the serious tensor of the surface affected by this section shall be given to the serious tensor of the surface affected by this section shall be given to the serious tensor of the surface affected by this section shall be given to the surface affected by this section shall be given to the surface affected by this section shall be given to the surface affected by this section shall be given to the surface affected by the surface affected by this section shall be given to the surface affected by the surface affected b	tion shall incluarticle to a surf	d will be used to ide: (1) A copy face owner whose sation agreement	or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for
Name: Jay-Bee				
	ganfuskee St. Ste 126 er, FL 33477	Address	s:	
Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed:	Vest Virginia Code § 22-6A-16(c), notice is heret the surface owner's land for the purpose of drilli West Virginia Plesants Union Bens Run 7 1/2' Sugar Creek of Outlet Middle ISland Creek (HUC 10)	by given that the ing a horizontal UTM NAD 8: Public Road A Generally use	Easting: Northing: Access:	well operator has developed a planned ct of land as follows: 4362891.49 493522.47 Arvilla Rd. Jay-Bee Oil & Gas, Inc.
horizontal wel surface affects information re	dest Virginia Code § 22-6A-16(c), this notice shad by W. Va. Code § 22-6A-10(b) to a surface ll; and (3) A proposed surface use and compensated by oil and gas operations to the extent the dated to horizontal drilling may be obtained from located at 601 57th Street, SE. Charleston V.	ation agreemen amages are con	and will be us at containing an empensable under	offer of compensation for damages to the article six-b of this chapter. Additional
Well Operator Telephone:	Jay-Bee Oil & Gas, Inc. 304-628-3111		429 Simonton Rd. P.C	D. Box 129
Email:	epotesta@jaybeeoil.com	Facsimile:	Ellenboro, WV 26346 304-628-3119	
The Office of oduties. Your p	Privacy Notice: Oil and Gas processes your personal information, ersonal information may be disclosed to other apply with statutory or regulatory requirements ecure your personal information. If you have an rivacy Officer at depprivacyofficer@wv.gov.	, such as name, State agencies	, address and tel or third parties reedom of Info out our use or y	in the normal course of business or as

06/14/2024

Environmental Protection



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

Office of the District Engineer/Manager
District Four
Post Office Box 4220 · Clarksburg, West Virginia 26302 · (304) 842-1500

Alanna J. Keller, P.E. Deputy Secretary of Transportation Deputy Commissioner of Highways

Jimmy Wriston, P. E. Secretary of Transportation Commissioner of Highways

April 22, 2024

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

Subject: DOH Permit for the P5 Well Pad, Pleasants County P5N4 Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #03-2018-0350 which has been issued to Jay-Bee Oil and Gas, Inc. for access to the State Road for a well site located off Pleasants County Route 7 SLS MP 4.22.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE 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 March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt

Central Office O&G Coordinator

Environmental Protection

Hacy D. Pratt

Emily Potesta

Jay-Bee Oil and Gas Inc.

OM, D-3

File

Cc:



Ellenboro, WV 26346

May 6, 2024

Permitting Office Office of Oil and Gas WV Department of Environmental Protection 601 57th St. 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 WW-6B, 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 304-933-3878 or my cell at 304-203-0665.

Sincerely,

Emily Potesta

Regulatory Agent

Office PECEIVED OF OIL and Gas Environmental Protection

WW-6A7 (6-12)

OPERATOR: Jay-Bee Oil & Gas, Inc.	WELL NO: P5N-4
PAD NAME: P5	
REVIEWED BY: Emily Potesta	SIGNATURE: Emglobal

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions
Test letions
At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR
DEP Waiver and Permit Conditions
At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR
DEP Waiver and Permit Conditions
At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR
DEP Waiver and Permit Conditions
At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR
Surface Owner Waiver and Recorded with County Clerk, OR
DEP Variance and Permit Conditions
At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR
Surface Owner Waiver and Recorded with County Clerk, OR
DEP Variance and Permit Conditions
At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR
Surface Owner Waiver and Recorded with County Clerk, OR
DEP Variance and Permit Conditions