

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

January 26, 2016

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-9502223, issued to JAY-BEE OIL & GAS, 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 all 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 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.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-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) 926-0499 ext. 1654.

Operator's Well No: T1-03-1A

Farm Name: HOOVER, EDSEL JR. ET AL

API Well Number: 47-9502223

Permit Type: Horizontal 6A Well

Date Issued: 01/26/2016

API Number: 95-02773

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. 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.
- 8. 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.
- 9. 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, 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.

Comments

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west virginia department of environmental protection

Office of Oil and Gas 601 57th Street Charleston, WV 25304 (304) 926-0450 fax (304) 926-0452 Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary www.dep.wv.gov

ORDER ISSUED UNDER WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A

TO: Jay-Bee Oil and Gas R1 1 Box 5 Cairo, WV 26337

CC: Jay-Bee Oil and Gas 1720 Rt. 22E Union, NJ 07083 DATE: January 29, 2014 ORDER NO.: 2014-W-1

INTRODUCTION

This Order (hereinafter "Order") is issued by the Office of Oil and Gas (hereinafter "OOG"), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 et seq. to Jay-Bee Oil & Gas (hereinafter "Jay-Bee" or "Operator"), collectively the "Parties."

FINDINGS OF FACT

In support of this Order, the Chief hereby finds the following:

- 1. OOG, an office within the West Virginia Department of Environmental Protection, is the agency with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 et seq., and the rules and regulations promulgated thereunder.
- 2. Jay-Bee is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as Jay-Bee Oil and Gas; 1720 Rt. 22E; Union, NJ 07083.
- On December 26, 2012, Jay-Bee submitted applications for gas wells identified as API# 47-95-02091, API# 47-95-02094, API# 47-95-02093, API# 47-95-02092; and on January 22, 2013, Jay-Bee submitted applications for gas wells identified as API# 47-95-02101, API# 47-95-02100, API# 47-95-02102, located on the T1-03 Lisby Pad in Tyler County, West Virginia.
- 4. On January 7, 2014, Jay-Bee requested a waiver, outlined in Exhibit 1 pertaining to Big Run, from well location restriction requirements in W. Va. Code §22-6A-12(b) for gas well permit applications identified as API# 47-95-02091, API# 47-95-02094, API# 47-95-02093, API# 47-95-02092, API# 47-95-02101, API# 47-95-02100, API# 47-95-02102, located on the T1-03 Lisby Pad in Tyler County, West Virginia.

CONCLUSIONS OF LAW

- 1. West Virginia Code §22-1-6(d) requires, in part, that "[i]n addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to...(3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing."
- 2. West Virginia Code §22-6A-2(a)(6) requires, in part, that "Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter."
- 3. West Virginia Code §22-6A-12(b) requires, in part, that "[n]o 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 Office of Oil and Gas 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 Office of Oil and Gas 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."

ORDER

Therefore, the Office of Oil and Gas grants Jay-Bee Oil and Gas a waiver for Big Run from well location restriction requirements in W. Va. Code § 22-6A-12(b) for gas well permit applications identified as API# 47-95-02091, API# 47-95-02094, API# 47-95-02093, API# 47-95-02092, API# 47-95-02101, API# 47-95-02100, and API# 47-95-02102, located on the T1-03 Lisby Pad in Tyler County, West Virginia. The Office of Oil and Gas hereby **ORDERS** that Jay-Bee Oil and Gas shall meet the following site construction and operational requirements for the T1-03 Lisby well pad:

- a. Above-ground storage tank adjacent to Big Run shall be used to store fresh water only;
- b. Big Run shall have a reinforced silt fence installed no closer than 27 feet from the stream;
- Weekly site inspections shall be conducted to monitor and maintain the integrity of the reinforced silt fence;
- d. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
- Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
- f. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (½") rain within any twenty-four (24) hour period;
- Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
- All records from inspections shall be maintained on site for the life of the project and be available upon request.
- i. Drilling muds shall be disposed of in a permitted landfill;
- j. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;

Thus ORDERED, the 29th day of January, 2014.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

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

JAMES A. MARTIN, CHIEF

WW-6B (9/13)

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

1) Well Operat	or: Jay-Be	e Oil & Gas,	Inc	24610	Tyler	McElroy	Shirley 7.5
				Operator ID	County	District	Quadrangle
2) Operator's V	Vell Number:	T1-03-1A		Well Pad	Name: T1-03		
3) Farm Name/	Surface Own	er: Edsel H	oover Jr.	et al Public Road	Access: Big I	Run Rd (CF	R40)
4) Elevation, cu	irrent ground	: 723.65	Ele	vation, proposed p	ost-constructio	on: 723.65°	
5) Well Type	(a) Gas _	8	Oil	Under	rground Storag	e	
		Shallow	B	Deep			· · · · · · · · · · · · · · · · · · ·
	` '	Horizontal			· · · · · · · · · · · · · · · · · · ·		
6) Existing Pad	: Yes or No	Yes					
· -	rget Formatic get Depth 6,900			pated Thickness ar	nd Associated I	ressure(s):	
8) Proposed To	tal Vertical D	epth: _6,900)'			_	
9) Formation at	Total Vertica	al Depth: N	farcellus				
10) Proposed T	otal Measure	d Depth: 1	7,800'				
11) Proposed H	orizontal Leg	g Length: 8	,854'				
12) Approximat	te Fresh Wate	er Strata Dep	ths:	65'		15	
13) Method to I	Determine Fro	esh Water De	epths: W	eil Record 47-095-01	004		
14) Approximat	te Saltwater I	Depths: N/	Α				T
15) Approximat	te Coal Seam	Depths: N	'A				
16) Approximat	te Depth to Pe	ossible Void	(coal min	e, karst, other): N	lo		
17) Does Propo directly overlyin				s Yes	No No	/	
(a) If Yes, pro	vide Mine In	fo: Name:					
		Depth:					
		Seam:		~~~			
		Owner:					

WW-6B (9/13)

18)

CASING AND TUBING PROGRAM

ТҮРЕ	Size	New or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling	INTERVALS: Left in Well	CEMENT: Fill-up (Cu. Ft.)	
Conductor	16	New	J55	40	60	60	16.45 CTS	
Fresh Water	11 3/4	New	J55	32	300	300	142.25 CTS]
Coal	N/A							
Intermediate	8 5/8	New	J55	24	2,000	2,000	508.43 CTS	
Production	5 1/2	New	P110	17	17,800	17,800	2910.66	Cement up
Tubing	N/A							to 1000' fro
Liners	N/A							Surface

MDG 101

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

PACKERS

Kind:	N/A		
Sizes:			
Depths Set:			

RECEIVED
Office of Oil and Gas

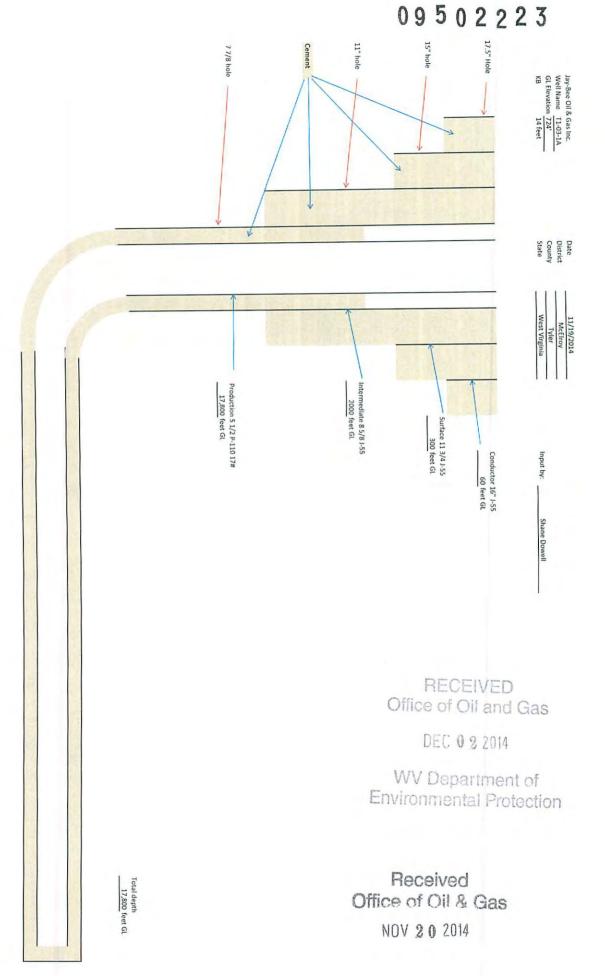
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Office of Oil & Gas

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NOV 2 0 2014

WV Department of Environmental Protection WW-6B (9/13)

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:
Drill and Stimulate a new Horizontal Well. Using a top hole rig, we will drill top hole to kick off point by drilling the conductor, freshwater and intermediate holes. Using a directional rig we will drill the production holes.
20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:
300-350' per stage 8,500bbls of water, 150,000-400,000lbs of sand, friction reducer, 1# per gallon, scale inhibitor and bacteria prevention 1/4# per gallon 2000 gallons 15% vol acid. 77bpm @ 6500# pressure.
21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 3.3
22) Area to be disturbed for well pad only, less access road (acres): 1.991
23) Describe centralizer placement for each casing string:
Vertical - Every 500' Bow Centralizer, and 50' from top of ground. Horizontal every 42' Spiral Centralizer, Curve - Every 84' Spiral Centralizer.
24) Describe all cement additives associated with each cement type:
15" hole for the 11 3/4 fresh water case, Class A Cement, 2% Calcium Chloride, 1/4# flake. 11" hole for the 8 5/8 intermediate base, Class A Cement, 2% Calcium Chloride 7 7/8" hole for the 5 1/2 production case, Type 1 Cement, Fly Ash, Barite, Finetol 300L, R-3 Celio Flake, Sugar, CD-32, FL-62
25) Proposed borehole conditioning procedures:
Air Hole: 15" hole for the 11 3/4 fresh water case - Circulate until clean with air. If soaping, slug then dry. Air Hole: 11" hole for the 8 5/8 intermediate base - Circulate until clean with air. If soaping, slug then dry. 7 7/8" hole for the 5 1/2 production case - Circulate with mud and sweeps for two times bottoms up. If needed weight up mud until no cuttings retrieved, then circulate with mud and sweeps for two times bottoms up.
*Note: Attach additional sheets as needed.



09502223

API Number 47 -	-
Operator's Well No.	T1-03-1A

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator NameJay-Bee Oil & Gas, Inc		OP Code	
Watershed (HUC 10) Big Run Creek		Quadrangle Shirley 7.5	
Elevation 723.6	County_Tyler	District McElroy	
Do you anticipate using more than 5,00 Will a pit be used? Yes N	00 bbls of water to complete	the proposed well work? Yes	No
If so, please describe anticipal			
Will a synthetic liner be used	in the pit? Yes N	Io If so, what ml.?	- A B B
Proposed Disposal Method Fo	or Treated Pit Wastes:		10/12
Reuse (at A	d Injection (UIC Permit N .PI Number		M D C (1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1
Off Site Dis Other (Exp	posal (Supply form WW-9 lain_ Using Contract Haulers N	for disposal location) lorte/CES (API'S 47-085-05151)	
Will closed loop system be used? If so	o, describe: Yes, Centrifuge Sy	stem (Boss, Newalta) for Top Hole and Direc	ctional Drilling
Drilling medium anticipated for this w	ell (vertical and horizontal)	Air, freshwater, oil based, etc. Air Vertical	Water Based Horizontal
-If oil based, what type? Syn			BECEIVED
Additives to be used in drilling mediur			Office of Oil and Ga
Drill cuttings disposal method? Leave		Site, etc. Hauled to Landfill	DEC 0 2 2014
		ed? (cement, lime, sawdust)	
-Landfill or offsite name/pern			WV Department o Environmental Protect
on August 1, 2005, by the Office of Ori provisions of the permit are enforceal law or regulation can lead to enforcem I certify under penalty of la application form and all attachments obtaining the information, I believe penalties for submitting false informat	il and Gas of the West Virgi ble by law. Violations of an ent action. w that I have personally en thereto and that, based of that the information is true	ditions of the GENERAL WATER POLI nia Department of Environmental Protect my term or condition of the general permits armined and am familiar with the informal my inquiry of those individuals important and complete. I am aware to of fine or imprisonment.	ion. I understand that the it and/or other applicable mation submitted on this applicately responsible for
Company Official Signature	ana Dawall		
Company Official (Typed Name) Sha			
Company Official Title Office Manage	21		
Subscribed and sworn before me this_		ovember 2000 Parties	Official Seal Notary Public, State Of West Virginia Teresa R. Hall 333 Crown Manor Circle #95

733300080

WV Dept01/29/2016
Environmental Protection

Operator's Well No. T1-03-1A Form WW-9 Jay-Bee Oil & Gas, Inc Proposed Revegetation Treatment: Acres Disturbed 3.3 Prevegetation pH _____Tons/acre or to correct to pH _____ 10-20-20 Fertilizer type Fertilizer amount 750 lbs/acre Mulch Hay 2000 Tons/acre **Seed Mixtures** Permanent **Temporary** Seed Type lbs/acre Seed Type lbs/acre **KY-31** 20 **Annual Ryegrass** 40 Creeping Red Fescue 30 Lathco Flat Pea/Perennial Ryegrass 30 Attach: 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. and maintained during (drilling to completion) of containment under equipment mnervious liner Received Office of Oil & Gas NOV 2 0 2014 Date: DEC 03 2014) No Field Reviewed?

T1-03-1A

WELL SITE SAFETY PLAN

RECEIVED Office of Oil and Gas

DEC 0 2 2014

WV Department of Environmental Protection

JAY-BEE OIL & GAS, INC

NOVEMBER 19, 2014

Received Office of Oil & Gas NOV 2 0 2014

WW-6A1	
(5/13)	

Operator's	Well No.	T1-03-1A

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
T1-03 (B,C)	Darrell D. Wright	Jay-Bee Production Company	12.5%	396/190
W668D (D)	Lloyd A. Tustin	Jay-Bee Production Company	12.5%	390/376
W668B (E)	Joseph Boyd	JB Exploration I, LLC	12.5%	417/523
FoutT30B (H)	John & Nancy Fout	Jay-Bee Production Company	12.5%	380/396
FoutT30A (K,O)	John & Nancy Fout	Jay-Bee Production Company	12.5%	380/396
T3054A (P)	Donald C. Kesterson	JB Exploration I, LLC	12.5%	427/834

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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(5/13)	

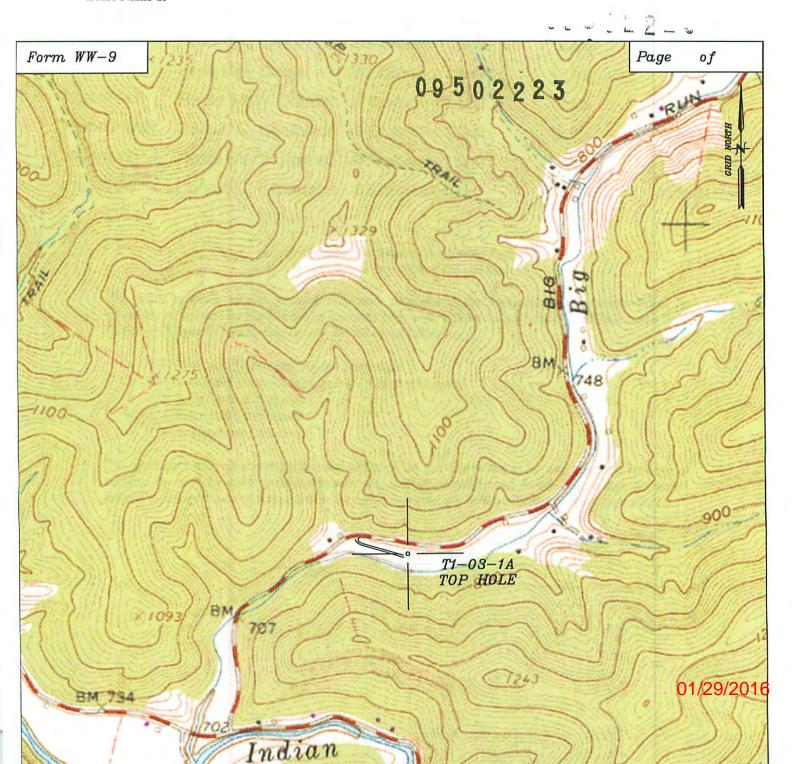
Operator's Well No.	T1-03-1A
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Lease Name or



WW-6A1	
(5/13)	

Operator's	Well No.	T1-03-1A	
1			

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Number	Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
T3054B (M)	Donald C. Kesterson	JB Exploration I, LLC	12.5%	427/834
Affidavit	Jay-Bee Production Company	Jay-Bee Oil & Gas, Inc	7 outache	D
Affidavit	JB Exploration I, LLC	Jay-Bee Oil & Gas, Inc	1000000	

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- 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 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, President of Jay-Bee Production Company, 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 President of Jay-Bee Production Company, which holds the rights to extract, produce or market the oil or gas. In my capacity as President, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of Jay-Bee Production Company.
- 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 API No(s). 47-095-02223, on Form WW-6A1.
- 4. We certify that we are authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, on all such oil or gas to be extracted, produced or marketed from the well.
- 5. We certify under the penalty of law that we have personally examined and are familiar with the information contained and referenced herein and that, based on our inquiries of those individuals immediately responsible for obtaining the information, we believe that the information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

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 3/5 day
of July , 2015 by Randy Broda,	President of Jay-Bee Oil & Gas, Inc., on behalf
of the corporation.	
My commission expires:	9th 2019
	Leresa R. Hall NOTARY PUBLIC
Randy Broda, President of Jay-Bee Production Con	npany
	the undersigned Notary Public, this 3184 day
	President of Jay-Bee Production Company, on
behalf of the company.	
My commission expires: Ectober 0	yth 2019.
	herevant Hall
Official Seal Notary Public, State Of West Virginia Teresa R, Hall 2750 Lamberton Road P.O. Box 152 Ellenboro, WV 26346 My commission expires Oct 09, 2019	NOTARY PUBLIC

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

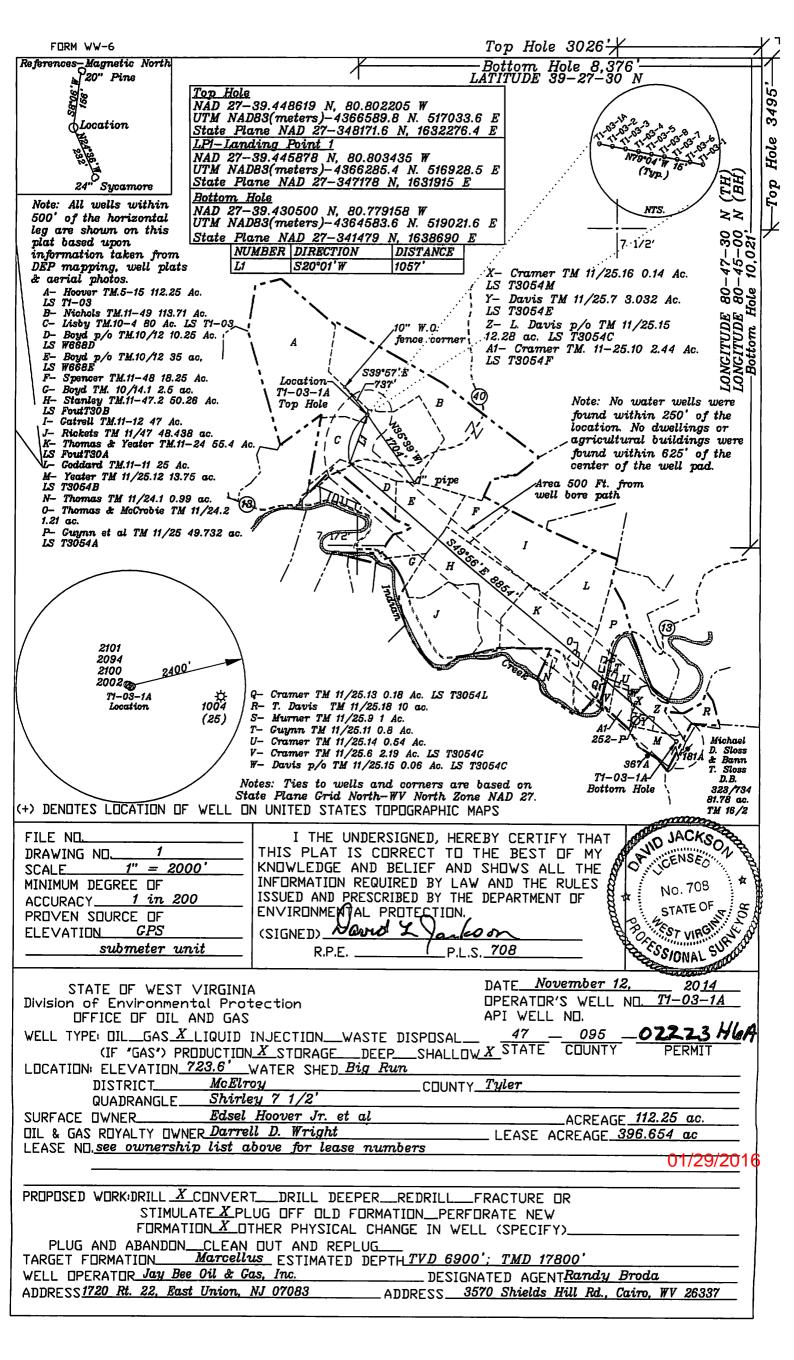
STATE OF WEST VIRGINIA

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 API No(s). 47-095-02223, on Form WW-6A1.
- 4. We certify that we are authorized by the owner of the working interest in the well to state that it shall tender to the owner of the oil or gas in place not less than one eighth of the total amount paid to or received by or allowed to the owner of the working interest at the wellhead for the oil or gas so extracted, produced or marketed before deducting the amount to be paid to or set aside for the owner of the oil or gas in place, on all such oil or gas to be extracted, produced or marketed from the well.
- 5. We certify under the penalty of law that we have personally examined and are familiar with the information contained and referenced herein and that, based on our inquiries of those individuals immediately responsible for obtaining the information, we believe that the information is true, accurate and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

1
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 3134 day
of July , 8015 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf
of the corporation.
My commission expires: Ectober 9th 2019
Lasera R. Haco
NOTARY PUBLIC
Randy Broda, Managing Member of JB Exploration I, LLC
Taken, subscribed and sworn to before me, the undersigned Notary Public, this 3/5 day
of
on behalf of the company.
My commission expires: October 9th 2019.
Official Seal Notary Public, State Of West Virginia Teresa R, Hall 2750 Lamberton Road P.O. Box 152 Ellenboro, WV 26346 My commission expires Oct 09, 2019





JAY-BEE OIL & GAS, INC.

November 19, 2014

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

RE: T1-03-1A Well

Permitting Office:

As you know we have applied for a well permit for the T1-03-1A Well in Tyler County, West Virginia. This pad is located on what we call the T1-03 tract. County Route 13 runs south of this tract and our proposed well leg runs under this roadway.

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 Tyler 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

Received Office of Oil & Gas NOV 2 0 2014

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF SILVEN STATE OF WEST VIRGINIA NOTICE CERTIFICATION

Date of Front	e Certification.	API No. 47	
	e Certification: 12/01/2014	Operator's Well	
		Well Pad Name	:T1-03
Notice has l	een given:		· · · · · · · · · · · · · · · · · · ·
Pursuant to th	e provisions in West Virginia Code	§ 22-6A, the Operator has provided the required	I parties with the Notice Forms listed
	tract of land as follows:	Facility 5470	00.6
State:	West Virginia	UTM NAD 83 Easting: 5170	
County:	Tyler	Northing: 4366	589.8
District:	McElroy		Run Rd (CR40)
Quadrangle:	Shirley 7.5	Generally used farm name: Edse	Hoover Jr. et al
Watershed:	Big Run Creek		
information r of giving the requirements Virginia Cod	equired by subsections (b) and (c), s surface owner notice of entry to s of subsection (b), section sixteen	ibed in subdivisions (1), (2) and (4), subsection sixteen of this article; (ii) that the require survey pursuant to subsection (a), section ten of this article were waived in writing by the stender proof of and certify to the secretary that ant.	ment was deemed satisfied as a result f this article six-a; or (iii) the notic surface owner; and Pursuant to Wes
that the Ope	West Virginia Code § 22-6A, the Crator has properly served the requireCK ALL THAT APPLY	perator has attached proof to this Notice Certificed parties with the following:	OOG OFFICE USE ONLY
that the Ope	rator has properly served the requireCK ALL THAT APPLY	perator has attached proof to this Notice Certificed parties with the following: I NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED	OOG OFFICE USE ONLY NO RECEIVED/
that the Ope	rator has properly served the requireCK ALL THAT APPLY FICE OF SEISMIC ACTIVITY o	red parties with the following:	OOG OFFICE USE ONLY NO RECEIVED/ NOT REQUIRED
*PLEASE CH 1. NO 2. NO	rator has properly served the requireCK ALL THAT APPLY FICE OF SEISMIC ACTIVITY o	red parties with the following: r NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED VEY or NO PLAT SURVEY WAS COND	OOG OFFICE USE ONLY NO RECEIVED/ NOT REQUIRED DUCTED RECEIVED RECEIVED/
*PLEASE CH 1. NO 2. NO	Tator has properly served the require CK ALL THAT APPLY FICE OF SEISMIC ACTIVITY of TICE OF ENTRY FOR PLAT SUR	r In NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED NO PLAT SURVEY WAS CONDUCTED NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY	OOG OFFICE USE ONLY NO RECEIVED/ NOT REQUIRED OUCTED RECEIVED/ NOT REQUIRED
*PLEASE CH 1. NO 2. NO 3. NO	Tator has properly served the require CK ALL THAT APPLY FICE OF SEISMIC ACTIVITY of TICE OF ENTRY FOR PLAT SUR	r NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED OF NO PLAT SURVEY WAS CONDUCTED NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED OR WRITTEN WAIVER BY SURFACE OF (PLEASE ATTACH)	OOG OFFICE USE ONLY NO RECEIVED/ NOT REQUIRED UCTED RECEIVED/ NOT REQUIRED
*PLEASE CH 1. NO 2. NO 3. NO	Tator has properly served the requireck all that apply FICE OF SEISMIC ACTIVITY of TICE OF ENTRY FOR PLAT SUR	r NOTICE NOT REQUIRED BECAUSE SEISMIC ACTIVITY WAS CONDUCTED OF NO PLAT SURVEY WAS CONDUCTED NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED OR WRITTEN WAIVER BY SURFACE OF (PLEASE ATTACH)	OOG OFFICE USE ONLY NO RECEIVED/ NOT REQUIRED DUCTED RECEIVED RECEIVED/ NOT REQUIRED DWNER

Required Attachments:

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

DEC 0 2 7011

WV Depart 01/29/2016

Emironmental 1

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION 9 5 0 2 2 2 3

	ce Certification: 11/19/2014	API No. 47		
Date of Notice Continuation.		Operator's	Well No. T1-03	-1A
		Well Pad N	Name:	
Notice has !	oeen given:			
		§ 22-6A, the Operator has provided the rec	quired parties w	ith the Notice Forms listed
	tract of land as follows:			
State:	West Virginia	UTM NAD 83 Easting:	517033.6	
County:	Tyler	Nortning:	4366589.8	
District:	McElroy	Public Road Access:	Big Run Rd (CR40	
Quadrangle:	Shirley 7.5	Generally used farm name:	Edsel Hoover Jr.	et al
Watershed:	Big Run Creek			
information r of giving the requirements Virginia Cod	equired by subsections (b) and (c), so surface owner notice of entry to su of subsection (b), section sixteen of	bed in subdivisions (1), (2) and (4), subsection sixteen of this article; (ii) that the recurvey pursuant to subsection (a), section of this article were waived in writing by tender proof of and certify to the secretary int.	equirement was ten of this artic the surface ow	deemed satisfied as a resul cle six-a; or (iii) the notice vner; and Pursuant to Wes
that the Ope	West Virginia Code § 22-6A, the Operator has properly served the require ECK ALL THAT APPLY	perator has attached proof to this Notice C ed parties with the following:	Certification	OOG OFFICE USE ONLY
☐ 1. NO	TICE OF SEISMIC ACTIVITY or	■ NOTICE NOT REQUIRED BECA	USE NO	' ·
		SEISMIC ACTIVITY WAS CONDUC		☐ RECEIVED/ NOT REQUIRED
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	SEISMIC ACTIVITY WAS CONDUCTION OF \square NO PLAT SURVEY WAS C	CTED	- K 8
i	TICE OF ENTRY FOR PLAT SURV	VEY or □ NO PLAT SURVEY WAS C	CTED ONDUCTED USE	NOT REQUIRED
i		VEY or NO PLAT SURVEY WAS C NOTICE NOT REQUIRED BECA NOTICE OF ENTRY FOR PLAT SUR	ONDUCTED USE VEY	NOT REQUIRED RECEIVED RECEIVED
□ 3. NO		VEY or NO PLAT SURVEY WAS CONTICE NOT REQUIRED BECANOTICE OF ENTRY FOR PLAT SURWAS CONDUCTED or WRITTEN WAIVER BY SURFA	ONDUCTED USE VEY	NOT REQUIRED RECEIVED RECEIVED
□ 3. NO	TICE OF INTENT TO DRILL or	VEY or NO PLAT SURVEY WAS CONTICE NOT REQUIRED BECANOTICE OF ENTRY FOR PLAT SURWAS CONDUCTED or WRITTEN WAIVER BY SURFA	ONDUCTED USE VEY	NOT REQUIRED RECEIVED RECEIVED/ NOT REQUIRED

Required Attachments:

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

NOV 2 0 2014

09502223

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:
By:
Shane Dowell
Its:
Office Manager
Telephone:
304-628-3111

Cairo, WV 26337
Facsimile: (304) 629-3119

Email:

Address:

sdowell@jaybeeoil.com

3570 Shields Hill Rd

NOTARY SIONIcial Seal
Notary Public, State Of West Virginia
Teresa R. Hall
333 Crown Manor Circle #95
Mineral Wells, WV 26150
My Commission Expires October 09, 2019

Subscribed and sworn before me this 19th day of November.

Notary Public

My Commission Expires October 9th

2019

Oil and Gas Privacy Notice:

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

RECEIVED
Office of Oil and Gas

Received Office of Oil & Gas NOV 2 0 2014

DEC 0 2 2014

WV Department of Environmental Protection

01/29/2016

WW-6A (9-13) API NO. **Q79 5 Q 2 2 2 3**OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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 th	an the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 12- Notice of:	1-2014
PERMIT FOR ANY WELL WORK CONSTRUCTION OF	PROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)
	HOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL RECI	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 located and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursus operator 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; are 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 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 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 provide water the subsection of this article to the contrary, notice to a lien holder is not at the subsection of the subsection of the subsection of the surface tract or the surface tract of land on which the well is or is proposed well work at the subsection of this article to the contrary, notice to a lien holder is not at the surface tract or the surface tract or the surface tract of land on which the well is or is proposed well work at the surface tract of land on which the well is or is proposed well work at the surface tract of land on which the well is or is proposed well work at the surface tract of land on which the well is or is proposed well work at the surface tract of land on which the well is or is propose	oit as required by this article shall deliver, by personal service or by or signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of cated; (2) The owners of record of the surface tract or tracts overlying the if the surface tract is to be used for roads or other land disturbance as ann to subsection (c), section seven of this article; (3) The coal owner, proposed to be drilled is located [sic] is known to be underlain by one or racts overlying the oil and gas leasehold being developed by the proposed struction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to be thousand five hundred feet of the center of the well pad which is used to ad (6) The operator of any natural gas storage field within which the rece tenants in common or other co-owners of interests described in ant may serve the documents required upon the person described in the reight, article one, chapter eleven-a of this code. (2) Notwithstanding any of 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 g as provided in section 15 of this rule.
M Application Notice M WSSP Notice ME&S Plan Notice	e ☐ Well Plat Notice is hereby provided to:
Z SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name: Edsel Hoover Jr. ET AL Address: 123 E. Adams St	Name:
Paden City, WV 26159	Address:
Name:	COAL OPERATOR
Address:	Name:
	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name: Edsel Hoover Jr. ET AL	☑ SURFACE OWNER OF WATER WELL
Address: 123 E. Adams St	AND/OR WATER PURVEYOR(s)
Paden City, WV 26159	Name: Edsel Hoover Jr. ET AL
Name:	Address: 123 E. Adams St
Address:	Paden City, WV 26159
	☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	*Please attach additional forms if necessary and Gas
	Trease attach additional diving it theory and the color

DEC 0 2 2014

WW-6A (9-13) OPERATOR WELL NO. 11-03-1A
Well Pad Name: T1-03

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: 11-19-2014 Date Permit Application F	iled: 11-19-2014
	E OF APPROVAL FOR THE
WELL WORK CONSTRUCT	ION 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
certificate of approval for the construction of an impound registered mail or by any method of delivery that requires sediment control plan required by section seven of this art the surface of the tract on which the well is or is proposed to ill and gas leasehold being developed by the proposed we described in the erosion and sediment control plan submit operator or lessee, in the event the tract of land on which more coal seams; (4) The owners of record of the surface well work, if the surface tract is to be used for the placem impoundment or pit as described in section nine of this are have a water well, spring or water supply source located we provide water for consumption by humans or domestic an proposed well work activity is to take place. (c)(1) If more subsection (b) of this section hold interests in the lands, the records of the sheriff required to be maintained pursuant to provision of this article to the contrary, notice to a lien ho	filing date of the application, the applicant for a permit for any well work or for a ment or pit as required by this article shall deliver, by personal service or by a receipt or signature confirmation, copies of the application, the erosion and icle, 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 ell work, if the surface tract is to be used for roads or other land disturbance as ted pursuant to subsection (c), section seven of this article; (3) The coal owner, the well proposed to be drilled is located [sic] is known to be underlain by one or tract or tracts overlying the oil and gas leasehold being developed by the proposed tent, construction, enlargement, alteration, repair, removal or abandonment of any ticle; (5) Any surface owner or water purveyor who is known to the applicant to within one thousand five hundred feet of the center of the well pad which is used to imals; and (6) The operator of any natural gas storage field within which the exthan three tenants in common or other co-owners of interests described in the osection eight, article one, chapter eleven-a of this code. (2) Notwithstanding any later is not notice to a landowner, unless the lien holder is the landowner. W. Va. hall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any ter testing as provided in section 15 of this rule.
	n Notice □Well Plat Notice is hereby provided to:
☑ SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name: Edsel Hoover Jr. ET AL	Name:
Address: 123 E. Adams St Paden City, WV 26159	Address:
Name:	□ COAL OPERATOR
A diducant	31
Address:	Address:
SURFACE OWNER(s) (Road and/or Other Disturbation	
Name: Edsel Hoover Jr. ET AL	SURFACE OWNER OF WATER WELL
Address: 123 E. Adams St	AND/OR WATER PURVEYOR(s)
Paden City, WV 26159	Name: Edsel Hoover Jr. ET AL
	Address: 123 E. Adams St
Name:Address:	Paden City, WV 26159
Audi voo.	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	FCEIVAddress:
Name: F	
Address: Office	*Please attach additional formerif measure and
	Office of On a Gas
	TEC 0.2.2014

WV Department of Environmental Protection NOV 2 0 2014

WW-6A (8-13) 0,9,5,0,2223

OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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) 629-3119

Oil and Gas Privacy Notice:

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

Official Seal
Notary Public, State Of West Virginia
Teresa R. Hall
333 Crown Manor Circle #95
Mineral Wells, WV 26150
My Commission Expires October 09, 2019

Subscribed and sworn before me this 19th day of 10v, 2014.

My Commission Expires October 9th 2019

RECEIVED
Office of Oil and Gas

DEC 0 3 2014

WV Department of Environmental Projection Received
Office of Oil & Gas
NOV 2 0 2014

AQI QO. 57.0 2 2 2 3 OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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

Notice Time Require	ement: notice shall be provi	ded no later than the filing date of permit application.
Date of Notice: 11-19-	Date Permit Applica	tion Filed: 12-1-2014
PERMIT FOR A		CATE OF APPROVAL FOR THE RUCTION OF AN IMPOUNDMENT OR PIT
Delivery method pu	rsuant to West Virginia Co	ode § 22-6A-10(b)
PERSONAL	☑ REGISTERED	✓ METHOD OF DELIVERY THAT REQUIRES A
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
sediment control plan the surface of the tract oil and gas leasehold be described in the erosic operator or lessee, in t more coal seams; (4) a well work, if the surfa impoundment or pit as have a water well, spr provide water for cons proposed well work as subsection (b) of this records of the sheriff provision of this articl Code R. § 35-8-5.7.a	required by section seven of to on which the well is or is properly to mand sediment control plants the event the tract of land on the event the tract of land on the event is to be used for the properly section of the properly source looks amption by humans or dome civity is to take place. (c)(1) section hold interests in the larequired to be maintained purtle to the contrary, notice to a larequires, in part, that the ope	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 arface tract or tracts overlying the oil and gas leasehold being developed by the proposed placement, 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 lift more than three tenants in common or other co-owners of interests described in unds, 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 then 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 Noti	ce □ WSSP Notice □ E&	&S Plan Notice ☐ Well Plat Notice is hereby provided to:
SURFACE OWN		☐ COAL OWNER OR LESSEE
Name: Terry & Teresa Jac		Name:
Address: HC 62 Box 224	4	Address:
Alma, WV 26320		COAL OPERATOR
Name:		
Address:		Name:Address:
E CLIDEACE OWNI	ER(s) (Road and/or Other D	isturbance)
Name: Terry & Teresa Ja		SURFACE OWNER OF WATER WELL
Address: HC 62 Box 22/		AND/OR WATER PURVEYOR(s)
Alma, WV 26320		Name: Terry & Teresa Jackson
		The state of the s
Address:		Alma, WV 26320
XXX7.4XX /=		☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
	ER(s) (Impoundments or Pit	
Address:		DECENTED.
		*Please attach additional forms if necessary ECEIVED Office of Oil and Gas

DEC 0 4 1114

WW-6A (9-13) 0 9 5 0 2 2 2 3
API NO. 47OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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	n the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 11-19 Notice of:	0-2014
PERMIT FOR ANY WELL WORK CONSTRUCTION OF A	ROVAL FOR THE AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10	(b)
	OD OF DELIVERY THAT REQUIRES A PT OR SIGNATURE CONFIRMATION
certificate of approval for the construction of an impoundment or pingeristered mail or by any method of delivery that requires a receipt of sediment control plan required by section seven of this article, and to 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 pursual operator or lessee, in the event the tract of land on which the well primore coal seams; (4) The owners of record of the surface tract or trace well work, if the surface tract is to be used for the placement, constraint on the placement or pit as described in section nine of this article; (5) A have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide water purveyor or surface owner subject to notice and water testing	or signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of ated; (2) The owners of record of the surface tract or tracts overlying the other than the subsection (c), section seven of this article; (3) The coal owner, to posed to be drilled is located [sic] is known to be underlain by one or acts overlying the oil and gas leasehold being developed by the proposed function, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to determine the first owners of any natural gas storage field within which the elements in common or other co-owners of interests described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. rovide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ SURFACE OWNER(s)	☐ Well Plat Notice—is hereby provided to: ☐ COAL OWNER OR LESSEE
Name: Terry & Teresa Jackson	Name:
Address: HC 62 Box 22A	Address:
Alma, WV 26320	
Name:	□ COAL OPERATOR
Address:	Name:
	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name: Terry & Teresa Jackson	☑ SURFACE OWNER OF WATER WELL
Address: HC 62 Box 22A	AND/OR WATER PURVEYOR(s)
Alma, WV 26320	Name: Terry & Teresa Jackson
Name:	Address: HC 62 Box 22A
Address:	Alma, WV 26320
	☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
☐ SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address: PFC	Received—
1765	*Please attach additional forms if necessary
Office of	Oil and Gas Office of Oil & Gas
	NOV 2 0 2014
DEC	0 2 2014 NOV 2 0 2014

WV Department of Environmental Protection WW-6A (8-13)

OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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) 629-3119

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 333 Crown Manor Circle #95 Mineral Wells, WV 26150 My Commission Expires October 09, 2019 Subscribed and sworn before me this 19th day of Nov, 2014.

My Commission Expires October 940

Office of Oil and Gas

DEC 0 2 2014

WV Department of Environmental Protection

Received Office of Oil & Gas NOV 2 0 2014

WW-6A (9-13) 09 5 0 2 2 2 3
API NO. 47OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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: 11-19-2014 Date Permit Application Filed: 12-1-2014 Notice of: ☐ CERTIFICATE OF APPROVAL FOR THE PERMIT FOR ANY CONSTRUCTION OF AN IMPOUNDMENT OR PIT WELL WORK Delivery method pursuant to West Virginia Code § 22-6A-10(b) ✓ REGISTERED METHOD OF DELIVERY THAT REQUIRES A PERSONAL RECEIPT OR SIGNATURE CONFIRMATION SERVICE MAIL Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: COAL OWNER OR LESSEE ☑ SURFACE OWNER(s) Name: Name: Donald & Judith Lisby Address: Address: 882 Big Run Rd. Alma, WV 26320 COAL OPERATOR Name: Name: Address: Address: SURFACE OWNER(s) (Road and/or Other Disturbance) ☑ SURFACE OWNER OF WATER WELL Name: AND/OR WATER PURVEYOR(s) Address: Name: Donald & Judith Lisby Address: 882 Big Run Rd. Name: Alma, WV 26320 Address: **DOPERATOR OF ANY NATURAL GAS STORAGE FIELD** Name: □ SURFACE OWNER(s) (Impoundments or Pits) Address: Name: Address: *Please attach additional forms if necessary Gas

DEC 0 3 2014

WW-6A (9-13)

API NO. 47-	-		
OPERATOR WE	LL NO.	T1-03-1A	
Well Pad Name:	T1-03		

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: 11-19-2014 Date Permit Application	Filed: 11-19-2014
Notice of:	
A DEBAGE FOR ANY D CERTIFICATI	TE OF APPROVAL FOR THE
	TION OF AN IMPOUNDMENT OR PIT
WELL WORK CONSTRUC	TION OF AN IMPOUNDMENT OR TH
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
registered mail or by any method of delivery that requires sediment control plan required by section seven of this at the surface of the tract on which the well is or is proposed oil and gas leasehold being developed by the proposed of described in the erosion and sediment control plan submoperator or lessee, in the event the tract of land on which more coal seams; (4) The owners of record of the surface well work, if the surface tract is to be used for the place impoundment or pit as described in section nine of this have a water well, spring or water supply source located provide water for consumption by humans or domestic approposed well work activity is to take place. (c)(1) If me subsection (b) of this section hold interests in the lands, records of the sheriff required to be maintained pursuan provision of this article to the contrary, notice to a lient	adment or pit as required by this article shall deliver, by personal service or by es a receipt or signature confirmation, copies of the application, the erosion and article, and the well plat to each of the following persons: (1) The owners of record of ed to be located; (2) The owners of record of the surface tract or tracts overlying the well work, if the surface tract is to be used for roads or other land disturbance as mitted pursuant to subsection (c), section seven of this article; (3) The coal owner, he the well proposed to be drilled is located [sic] is known to be underlain by one or the tracts overlying the oil and gas leasehold being developed by the proposed ment, construction, enlargement, alteration, repair, removal or abandonment of any article; (5) Any surface owner or water purveyor who is known to the applicant to distribute the interest of the center of the well pad which is used to animals; and (6) The operator of any natural gas storage field within which the one than three tenants in common or other co-owners of interests described in the applicant may serve the documents required upon the person described in the at to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. a shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any vater testing as provided in section 15 of this rule.
☑ Application Notice☑ WSSP Notice☑ E&S F☑ SURFACE OWNER(s)	Plan Notice ☐ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE
Name: Donald & Judith Lisby	Name:
Address: 882 Big Run Rd.	Address:
Alma, WV 26320	
Name:	☐ COAL OPERATOR
Address:	Name:
	Address:
SURFACE OWNER(s) (Road and/or Other Distur	bance)
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name: Donald & Judith Lisby
Name:	Address: 882 Big Run Rd.
Address:	Alma, WV 26320
- Lactions	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
	Address: Received
Name:	
Address:	the second secon
	1/11/1/ / 19 / 11/4
	DEC 0 2 2014

WV Department of Environmental Protection

09502223

OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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) 629-3119

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 333 Crown Manor Circle #95 Mineral Wells, WV 26150 My Commission Expires October 09, 2019 Subscribed and sworn before me this 19th day of 10v, 2014

Notary Public

My Commission Expires October 9th

RECEIVED Office of Oil and Gas DEC 0 8 2014

WV Department of Environmental Protection

Received Office of Oil & Gas NOV 2 0 2014

0950223 API NO. 47-OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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

Noti	ce Time Requiren	nent: notice shall b	e provided no later than	the filing date of permit application.
Date	of Notice: 11-19-20	14 Date Permit A	application Filed: 12-1-20	014
Noti	ce of:			
✓	PERMIT FOR A	NV ΠC	ERTIFICATE OF APPR	ROVAL FOR THE
	WELL WORK			N IMPOUNDMENT OR PIT
Dali		want to West Vire	ginia Code § 22-6A-10(h)
	very method purs			
	PERSONAL	∇ REGISTER		DO OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL	RECEIF	PT OR SIGNATURE CONFIRMATION
the soil addescreen ad	surface of the tract of the described in the erosion ator or lessee, in the erosion ator or lessee, in the erosion erosion work, if the surface oundment or pit as one a water well, springide water for consumptions of this series of the sheriff revision of this article eros. § 35-8-5.7.a. reference is a surface of the sheriff revision of this article eros. § 35-8-5.7.a. reference is not provided the sheriff revision of this article eros.	on which the well is ing developed by the and sediment controlled the event the tract of less owners of record to the event is to be used described in section g or water supply somption by humans with it to take place to the contrary, not equires, in part, that	or is proposed to be locate proposed well work, if to oll plan submitted pursuar and on which the well proof the surface tract or tractor the placement, construction of this article; (5) Abource located within one to domestic animals; and and a color the lands, the applicant the lands, the applicant to section ended to a lien holder is not to the operator shall also proposed well well as the operator shall also proposed well as the control of the proposed well as the control of the	e well plat to each of the following persons: (1) The owners of record of ted; (2) The owners of record of the surface tract or tracts overlying the the surface tract is to be used for roads or other land disturbance as it to subsection (c), section seven of this article; (3) The coal owner, posed to be drilled is located [sic] is known to be underlain by one or its overlying the oil and gas leasehold being developed by the proposed action, enlargement, alteration, repair, removal or abandonment of any my surface owner or water purveyor who is known to the applicant to housand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in the may serve the documents required upon the person described in the light, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
	Application Notice	e ☑ WSSP Notice	e ☑E&S Plan Notice	☐ Well Plat Notice is hereby provided to:
_	URFACE OWNER			☐ COAL OWNER OR LESSEE
Nan	ne:			Name:
Add	iress:			Address:
Nar				□ COAL OPERATOR
Add	lress:			Name:
	I DE LOE OUDIE	N() (D 1 1/ (DI D' (1)	Address:
_		R(s) (Road and/or C		SURFACE OWNER OF WATER WELL
Nar	ne:			AND/OR WATER PURVEYOR(s)
Auc				Name: Jack F. & Roberta A. Starcher
Nor				Address: HC62 Box 21
Ada	lress:			Alma WV 26320
				OPERATOR OF ANY NATURAL GAS STORAGE FIELD
ПS	URFACE OWNER	R(s) (Impoundment	s or Pits)	Name:
Nar	ne:			Address:RECEIVED
Add	lress:			*Please attach additional forms if necessary and Gas
				man manner of the little service it was an account.

API NO. 47OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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

Notice T	ime Requirement:	notice shall be provided no later than	the filing date of permit application.
Date of N Notice of		ate Permit Application Filed: 11-19-	-2014
	RMIT FOR ANY LL WORK	CERTIFICATE OF APPI CONSTRUCTION OF A	ROVAL FOR THE IN IMPOUNDMENT OR PIT
Delivery	method pursuant	to West Virginia Code § 22-6A-10((b)
	RSONAL Z		OD OF DELIVERY THAT REQUIRES A PT OR SIGNATURE CONFIRMATION
the surface oil and gadescribed operator of more coal well work impounds have a waprovide wproposed subsection records oprovision Code R.	e of the tract on white s leasehold being de- in the erosion and so or lessee, in the event seams; (4) The own that is seams; (4) The own that is surface tract ment or pit as describ atter well, spring or we water for consumption well work activity is in (b) of this section is of the sheriff required of this article to the s 35-8-5.7.a requires	ch the well is or is proposed to be local veloped by the proposed well work, if rediment control plan submitted pursuant the tract of land on which the well propers of record of the surface tract or traction is to be used for the placement, constructed in section nine of this article; (5) A rater supply source located within one to by humans or domestic animals; and is to take place. (c)(1) If more than three hold interests in the lands, the applicant to be maintained pursuant to section e contrary, notice to a lien holder is not	ne well plat to each of the following persons: (1) The owners of record of ted; (2) The owners of record of the surface tract or tracts overlying the the surface tract is to be used for roads or other land disturbance as int to subsection (c), section seven of this article; (3) The coal owner, oposed to be drilled is located [sic] is known to be underlain by one or cts overlying the oil and gas leasehold being developed by the proposed action, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the elements in common or other co-owners of interests described in the sight, 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.
☑ Appli	cation Notice 🛛 V	VSSP Notice ☐ E&S Plan Notice	☐ Well Plat Notice is hereby provided to:
Name: _	ACE OWNER(s)		COAL OWNER OR LESSEE Name:
Address:	-		Address:
Name: _ Address:	\		☐ COAL OPERATOR Name: Address:
Name: _	-	toad and/or Other Disturbance)	☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s) Name: Jack F. & Roberta A. Starcher
Name: _ Address:			Address: HC62 Box 21 Alma, WV 26320 OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _	And the second s	mpoundments or Pits)	Name:
Address:			*Please attach additional forms if necessary Oil and Gas

API NO. 47-OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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) 629-3119

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 333 Crown Manor Circle #95 Mineral Wells, WV 26150 My Commission Expires October 09, 2019 Subscribed and sworn before me this 19th day of 10V, 2014 eresa R. Hall

Notary Public

My Commission Expires October 9th

RECEIVED Office of Oil and Gas

DEC 0 2 2014

WV Department of **Environmental Protection**

Received Office of Oil & Gas NOV 2 0 2014

0 9 5 0 2 2 2 3 API NO. 47-

OPERATOR WELL NO. T1-03-1A

Well Pad Name: T1-03

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

Noti	ice Time Requiren	nent: notice shall be provi	ded no later than	the filing date of permit application.	
	e of Notice: 11-19-201	Date Permit Applica	tion Filed: 12-1-2	2014	
V	PERMIT FOR AN			ROVAL FOR THE IN IMPOUNDMENT OR PIT	
Deli	very method purs	uant to West Virginia C	ode § 22-6A-10((b)	
	PERSONAL	✓ REGISTERED	✓ METHO	DD OF DELIVERY THAT REQUIRES A	
	SERVICE	MAIL	RECEI	PT OR SIGNATURE CONFIRMATION	
certi regis sedin the s oil a desc oper more well impe have prov prop subs reco prov Cod water	ficate of approval for stered mail or by any ment control plan resourface of the tract or and gas leasehold being the first or research or lessee, in the ecoal seams; (4) The work, if the surface oundment or pit as due a water well, spring yide water for consumpted water for consumpted with the surface of the sheriff receivision of this article le R. § 35-8-5.7.a refer purveyor or surface	or the construction of an important method of delivery that required by section seven of an which the well is or is promad sediment control plans are event the tract of land on we event the tract of land on we event the tract of land on the event is to be used for the process of the section	poundment or pit quires a receipt of this article, and the posed to be local sed well work, if submitted pursuant which the well pro- urface tract or tra- placement, constru- this article; (5) A cated within one to stic animals; and aff more than three ands, the applicant suant to section ed lien holder is not rator shall also prind water testing a	of the application, the applicant for a permit for ar as required by this article shall deliver, by personar signature confirmation, copies of the application he well plat to each of the following persons: (1) Ted; (2) The owners of record of the surface tract of the surface tract is to be used for roads or other land to subsection (c), section seven of this article; (2) opposed to be drilled is located [sic] is known to be cets overlying the oil and gas leasehold being develocation, enlargement, alteration, repair, removal or my surface owner or water purveyor who is known thousand five hundred feet of the center of the well (6) The operator of any natural gas storage field we tenants in common or other co-owners of interest may serve the documents required upon the personation at the confirmation of the confirmation of this code. (2) notice to a landowner, unless the lien holder is the covide the Well Site Safety Plan ("WSSP") to the stars provided in section 15 of this rule.	al service or by , the erosion and The owners of record of or tracts overlying the and disturbance as 3) The coal owner, e underlain by one or loped by the proposed abandonment of any a to the applicant to Il pad which is used to within which the ts described in on described in the Notwithstanding any e landowner. W. Va.
			xs rian Nonce	☐ Well Plat Notice is hereby provided to: ☐ COAL OWNER OR LESSEE	
	URFACE OWNER	.(8)		Name:	
Add	dress:			Address:	
Mor			-	□ COAL OPERATOR	
Nar	-		-	Name:	
rice				Address:	
ПS	URFACE OWNER	R(s) (Road and/or Other D	isturbance)		
		13.34 6 AND AND AND		☑ SURFACE OWNER OF WATER WELL	
Add	dress:		_	AND/OR WATER PURVEYOR(s)	
			_	Name: Mark L. & Mitchell Nichols	
Nai	me:		-	Address: 23 Big Run Rd. Alma WV 26320	
Ad	dress:		-	OPERATOR OF ANY NATURAL GAS ST	ΓORAGE FIELD
	HIREACE OWNER	R(s) (Impoundments or Pit	<u>s)</u>	Namar	
_		(s) (impoundments of 1 is		Address:	BELLEIVED
Add	dress:			*Please attach additional forms if necessary	fice of Oil and Gas
				*Please attach additional forms if necessary	0.0011

09502223

API NO. 47-___ -OPERATOR WELL NO. T1-03-1A

Well Pad Name: T1-03

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

Notice Time Requirement: notice shall be provide	ed no later than the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Notice of:	ion Filed: 11-19-2014
PERMIT FOR ANY	CATE OF APPROVAL FOR THE
	UCTION OF AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Co	de § 22-6A-10(b)
☐ PERSONAL ☐ REGISTERED	✓ METHOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL	RECEIPT OR SIGNATURE CONFIRMATION
sediment control plan required by section seven of the surface of the tract on which the well is or is proposed and gas leasehold being developed by the proposed described in the erosion and sediment control plan supperator or lessee, in the event the tract of land on we more coal seams; (4) The owners of record of the surface tract is to be used for the planeoundment or pit as described in section nine of the nave a water well, spring or water supply source local provide water for consumption by humans or domest proposed well work activity is to take place. (c)(1) If subsection (b) of this section hold interests in the lart provision of the sheriff required to be maintained pursupprovision of this article to the contrary, notice to a lical Code R. § 35-8-5.7.a requires, in part, that the operawater purveyor or surface owner subject to notice and	uires a receipt or signature confirmation, copies of the application, the erosion and his article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the ed well work, if the surface tract is to be used for roads or other land disturbance as abmitted pursuant to subsection (c), section seven of this article; (3) The coal owner, hich the well proposed to be drilled is located [sic] is known to be underlain by one or rface 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 ated within one thousand five hundred feet of the center of the well pad which is used to tic animals; and (6) The operator of any natural gas storage field within which the former than three tenants in common or other co-owners of interests described in hids, the applicant may serve the documents required upon the person described in the uant 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. ator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any individual surface of this code.
☐ Application Notice ☐ WSSP Notice ☐ E&	S Plan Notice
Name:	
Address:	Address:
Name:	COAL OPERATOR
Address:	
audiess.	Address:
SURFACE OWNER(s) (Road and/or Other Dis	turbance)
Name:	
Address:	AND/OR WATER PURVEYOR(s)
	Name: Mark L. & Mitchell Nichols
Name:	Address: 23 Big Run Rd.
Address:	Alma, WV 26320
- OLIDEA CE OWNIED(-) (L	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Name: Address: D. Received
Address:	RECEIVED Received
	Office of Oil & Gas
	DEC 9 3 2014 NOV 2 0 2014
	DIA 2 0 2017

WW-6A (8-13)

API NO. 47-OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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) 629-3119

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 333 Crown Manor Circle #95 Mineral Wells, WV 26150 My Commission Expires October 09, 2019

Subscribed and sworn before me this 19th day of 10v, 2014

Notary Public

My Commission Expires Cctober 9th

RECEIVED Office of Oil and Gas

DEC 0 3 2014

WV Department of Environmental Protection

Received Office of Oil & Gas NOV 2 0 2014

API NO 49- 5 0- 2 2 3

OPERATOR WELL NO. T1-03-1A

Well Pad Name: T1-03

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: 11-19-2014 Date Permit Application Filed: 1 Notice of:	2-1-2014
✓ PERMIT FOR ANY ☐ CERTIFICATE OF A	PPROVAL FOR THE
	F AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-	-10(b)
☐ PERSONAL ☑ REGISTERED ☑ MET	THOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL REC	CEIPT OR SIGNATURE CONFIRMATION
registered mail or by any method of delivery that requires a receisediment 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 looil and gas leasehold being developed by the proposed well work described in the erosion and sediment control plan submitted puroperator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or well work, if the surface tract is to be used for the placement, con impoundment or pit as described in section nine of this article; (5 have a water well, spring or water supply source located within a provide water for consumption by humans or domestic animals; proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the application of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is	
□ SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name:	Name:
Address:	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: William G. Wright
Name:	Address: 1169 Indian Creek Rd.
Address:	Alma WV 26320
	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
☐ SURFACE OWNER(s) (Impoundments or Pits) Name:	Name:Address:
Address:	*Please attach additional forms if necessary
	Office of Oil and Gas

API Q Q 4 5 0 2 2 2 3 OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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 th	nan the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 11- Notice of:	19-2014
✓ PERMIT FOR ANY ☐ CERTIFICATE OF AP	PROVAL FOR THE
	AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)
☐ PERSONAL ☐ REGISTERED ☐ METI	HOD OF DELIVERY THAT REQUIRES A
SERVICE MAIL RECH	EIPT 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 lo oil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursu operator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or twell work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within on provide water for consumption by humans or domestic animals; ar proposed well work activity is to take place. (c)(1) If more than this subsection (b) of this section hold interests in the lands, the applic 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	tor signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of cated; (2) The owners of record of the surface tract or tracts overlying the if the surface tract is to be used for roads or other land disturbance as uant to subsection (c), section seven of this article; (3) The coal owner, proposed to be drilled is located [sic] is known to be underlain by one or racts overlying the oil and gas leasehold being developed by the proposed struction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to be thousand five hundred feet of the center of the well pad which is used to ad (6) The operator of any natural gas storage field within which the ree tenants in common or other co-owners of interests described in ant may serve the documents required upon the person described in the neight, article one, chapter eleven-a of this code. (2) Notwithstanding any of 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 g as provided in section 15 of this rule.
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice	ee □Well Plat Notice is hereby provided to:
□ SURFACE OWNER(s)	COAL OWNER OR LESSEE
Name:Address:	Name:Address:
Name:	□ COAL OPERATOR
Name:Address:	Name:
SURFACE OWNER(s) (Road and/or Other Disturbance)	Address:
Name:	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s) Name: William G. Wright
Name:	Address: 1169 Indian Creek Rd.
Address:	Alma, WV 26320
SUBFACE OWNED(s) (Impoundments on Bits)	☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
☐ SURFACE OWNER(s) (Impoundments or Pits) Name:	Name:Address:Received
Address:	
	*Please attach additional forms in necessary & Gas
C	office of Oil and Gas NOV 2 0 2014

PIN 9 4 5 0 2 2 2 3

OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

Notice is hereby given by:

Well Operator: Jay Bee Oil & Gas, Inc.

Telephone: (304) 628-3111 Email: sdowell@jaybeeoil.com ddress: 3570 Shields Hill Rd

Cairo , WV 26337

Facsimile: (304) 629-3119

Oil and Gas Privacy Notice:

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Official Seal
Notary Public, State Of West Virginia
Teresa R. Hall
333 Crown Manor Circle #95
Mineral Wells, WV 26150
My Commission Expires October 09, 2019

Subscribed and sworn before me this 19th day of 10v, 2014

Notary Public

Notary Public

_____ Notary Public

My Commission Expires October 9th

RECEIVED Office of Oil and Gas

DEC 0 2 2014

Received Office of Oil & Gas NOV 2 0 2014

WV Department of Environmental Protection

01/29/2016

0.9.5.0.2.2.3 OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS $\underline{\text{NOTICE OF APPLICATION}}$

Notice Time Requirement: notice shall be provided no later to	nan the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 12-	1-2014
Notice of:	
OF DEDICATE OF A	ADDOVAL FOR THE
PERMIT FOR ANY CERTIFICATE OF AF	
WELL WORK CONSTRUCTION OF	AN IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)
☐ PERSONAL ☑ REGISTERED ☑ MET	HOD OF DELIVERY THAT REQUIRES A
	EIPT 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 lo oil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursoperator or lessee, in the event the tract of land on which the well more coal seams; (4) The owners of record of the surface tract or twell work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within on provide water for consumption by humans or domestic animals; ar 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 applic 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 the section of the section of the contrary, notice to a lien holder is not section and service of the section hold in the contrary of the section holder is not section as a lien holder is not	tor signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of cated; (2) The owners of record of the surface tract or tracts overlying the if the surface tract is to be used for roads or other land disturbance as uant to subsection (c), section seven of this article; (3) The coal owner, proposed to be drilled is located [sic] is known to be underlain by one or racts overlying the oil and gas leasehold being developed by the proposed struction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to be thousand five hundred feet of the center of the well pad which is used to ind (6) The operator of any natural gas storage field within which the ree tenants in common or other co-owners of interests described in ant may serve the documents required upon the person described in the neight, article one, chapter eleven-a of this code. (2) Notwithstanding any of 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 g as provided in section 15 of this rule.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	ee □Well Plat Notice is hereby provided to:
SURFACE OWNER(s)	□ COAL OWNER OR LESSEE
Name:	Name:
Address:	Address:
Name:	COAL OPERATOR
Address:	Name:
	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name:	☑ SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
N. C.	Name: Arthur T. & Lois J. Bloom
Name:	Address: 193 Gentech Ridge Wellsburg WV 26070
Address:	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address:
Address:	RECEIVED
7	*Please attach additional forms if necessary
	Allie of Oli and das

DEC 0 3 2014

0.9 No. 0-2 2-2 3 OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

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 fining date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 11-19-	2014
Notice of:	
✓ PERMIT FOR ANY ☐ CERTIFICATE OF APPR	ROVAL FOR THE
WELL WORK CONSTRUCTION OF A	N IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10((b)
☐ PERSONAL ☑ REGISTERED ☑ METHO	DD OF DELIVERY THAT REQUIRES A
SERVICE MAIL RECEI	PT OR SIGNATURE CONFIRMATION
the surface of the tract on which the well is or is proposed to be located oil and gas leasehold being developed by the proposed well work, if described in the erosion and sediment control plan submitted pursuar operator or lessee, in the event the tract of land on which the well promore coal seams; (4) The owners of record of the surface tract or trace well work, if the surface tract is to be used for the placement, construint impoundment or pit as described in section nine of this article; (5) As have a water well, spring or water supply source located within one to provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section expression of this article to the contrary, notice to a lien holder is not a	nt to subsection (c), section seven of this article; (3) The coal owner, opposed to be drilled is located [sic] is known to be underlain by one or cts overlying the oil and gas leasehold being developed by the proposed action, enlargement, alteration, repair, removal or abandonment of any my surface owner or water purveyor who is known to the applicant to housand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in the may serve the documents required upon the person described in the light, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and any
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	☐ Well Plat Notice is hereby provided to:
	COAL OWNER OR LESSEE
Name:Address:	Name:Address:
	□ COAL OPERATOR
	Name:
	Address:
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)	
	SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s) Name: Arthur T. & Lois J. Bloom
Name:	Address: 193 Gentech Ridge
Address:	Wellsburg, WV 26070
	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impoundments or Pits)	Name:
Name:	Address: Received
Address:	*Please attach additional forms if necessary of Oil & Gas
	Uffice of Oil and Oca
	NOV 2 0 2014

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API NO. 47-_

OPERATOR WELL NO. T1-03-1A

Well Pad Name: T1-03

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) 629-3119

Oil and Gas Privacy Notice:

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Official Seal
Notary Public, State Of West Virginia
Teresa R. Hall
333 Crown Manor Circle #95
Mineral Wells, WV 26150
My Commission Expires October 09, 2019

Subscribed and sworn before me this 19⁴⁴ day of Nov, 2014

_____ Notary Publ

My Commission Expires October 9th 2019

RECEIVED
Office of Oil and Gas

DEC 0 3 2014

WV Department of Environmental Protection Received
Office of Oil & Gas
NOV 2 0 2014

01/29/2016

API NO. 47-OPERATOR WELL NO. T1-03-1A Well Pad Name: T1-03

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS $\underline{\text{NOTICE OF APPLICATION}}$

Notice Time Requirement: notice	shall be provided no la	ter than the filing date of permit application.
Date of Notice: 11-19-2014 Date Po	ermit Application File	d: <u>12-1-2014</u>
Notice of:		
✓ PERMIT FOR ANY	☐ CERTIFICATE O	F APPROVAL FOR THE
WELL WORK	CONSTRUCTION	N OF AN IMPOUNDMENT OR PIT
Delivery method pursuant to We	st Virginia Code § 22-	-6A-10(b)
☐ PERSONAL ☑ REG	ISTERED	METHOD OF DELIVERY THAT REQUIRES A
SERVICE MAI	iL I	RECEIPT OR SIGNATURE CONFIRMATION
registered mail or by any method of a sediment control plan required by see the surface of the tract on which the oil and gas leasehold being developed described in the erosion and sedimer operator or lessee, in the event the traction of the surface tract is to be impoundment or pit as described in shave a water well, spring or water suprovide water for consumption by his proposed well work activity is to tak subsection (b) of this section hold in records of the sheriff required to be provision of this article to the contra Code R. § 35-8-5.7.a requires, in pa	delivery that requires a rection seven of this article well is or is proposed to be do by the proposed well well to control plan submitted act of land on which the record of the surface trace used for the placement, section nine of this article apply source located with a umans or domestic animate place. (c)(1) If more that the terests in the lands, the amaintained pursuant to sury, notice to a lien holde art, that the operator shall	nt or pit as required by this article shall deliver, by personal service or by eccipt or signature confirmation, copies of the application, the erosion and e, and the well plat to each of the following persons: (1) The owners of record of be located; (2) The owners of record of the surface tract or tracts overlying the work, if the surface tract is to be used for roads or other land disturbance as pursuant to subsection (c), section seven of this article; (3) The coal owner, well proposed to be drilled is located [sic] is known to be underlain by one or et or tracts overlying the oil and gas leasehold being developed by the proposed, construction, enlargement, alteration, repair, removal or abandonment of any e; (5) Any surface owner or water purveyor who is known to the applicant to allow thousand five hundred feet of the center of the well pad which is used to als; and (6) The operator of any natural gas storage field within which the an three tenants in common or other co-owners of interests described in applicant may serve the documents required upon the person described in the ection eight, article one, chapter eleven-a of this code. (2) Notwithstanding any r is not notice to a landowner, unless the lien holder is the landowner. W. Va. I also provide the Well Site Safety Plan ("WSSP") to the surface owner and any testing as provided in section 15 of this rule.
☐ 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:
Name:		COAL OPERATOR
Address:		Name:
		Address:
☐ SURFACE OWNER(s) (Road a	nd/or Other Disturbance	e)
Name:		☑ SURFACE OWNER OF WATER WELL
Address:		AND/OR WATER PURVEYOR(s)
		Name: Mark & Sherry Frey
Name:		Address: HC62 Box 40 E
Address:		Alma WV 26320 OPERATOR OF ANY NATURAL GAS STORAGE FIELD
SURFACE OWNER(s) (Impour	adments or Dita	
Name:		Name:Address:
Address:		
		Please attach additional forms if necessary
	0	ffice of Oil and Gas

API NO. 47-	_	
OPERATOR WE	ELL NO.	T1-03-1A
Well Pad Name:	T1-03	

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: 11-19-2014 Date Permit Application Filed: 11-19-2014 Notice of:	2014
✓ PERMIT FOR ANY ☐ CERTIFICATE OF APPR	ROVAL FOR THE
	N IMPOUNDMENT OR PIT
Delivery method pursuant to West Virginia Code § 22-6A-10(b)
☐ PERSONAL ☑ REGISTERED ☑ METHO	DD OF DELIVERY THAT REQUIRES A
SERVICE MAIL RECEIF	PT OR SIGNATURE CONFIRMATION
the surface of the tract on which the well is or is proposed to be located oil and gas leasehold being developed by the proposed well work, if the described in the erosion and sediment control plan submitted pursuant operator or lessee, in the event the tract of land on which the well promore coal seams; (4) The owners of record of the surface tract or trace well work, if the surface tract is to be used for the placement, construint impoundment or pit as described in section nine of this article; (5) An have a water well, spring or water supply source located within one the provide water for consumption by humans or domestic animals; and proposed well work activity is to take place. (c)(1) If more than three subsection (b) of this section hold interests in the lands, the applicant records of the sheriff required to be maintained pursuant to section eight provision of this article to the contrary, notice to a lien holder is not re-	e well plat to each of the following persons: (1) The owners of record of ed; (2) The owners of record of the surface tract or tracts overlying the the surface tract is to be used for roads or other land disturbance as at to subsection (c), section seven of this article; (3) The coal owner, posed to be drilled is located [sic] is known to be underlain by one or est overlying the oil and gas leasehold being developed by the proposed action, enlargement, alteration, repair, removal or abandonment of any my surface owner or water purveyor who is known to the applicant to housand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in a may serve the documents required upon the person described in the light, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and any
☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice	☐ Well Plat Notice is hereby provided to:
	COAL OWNER OR LESSEE
Name:Address:	Name:Address:
Name:	□ COAL OPERATOR
Address:	Name:
- comprise over the contract of the contract o	Address:
SURFACE OWNER(s) (Road and/or Other Disturbance)	SURFACE OWNER OF WATER WELL
Name: Address:	AND/OR WATER PURVEYOR(s)
. Kidal Oslo.	Name: Mark & Sherry Frey
Name:	Address: HC62 Box 40 E
Address:	Alma, WV 26320 OPERATOR OF ANY NATURAL GAS STORAGE FIELD
☐ SURFACE OWNER(s) (Impoundments or Pits)	H
Name:	Name:Address:
Address:	Received
	*Please attach additional forms if necessary of Oil & Gas
	Office of Oil and Gas

DEC 0 2 2014

01/29/2016

0 9 5 0 2 2 2 3 API NO. 47-

OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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) 629-3119

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Official Seal
Notary Public, State Of West Virginia
Teresa R. Hall
333 Crown Manor Circle #95
Mineral Wells, WV 26150
My Commission Expires October 09, 2019

Subscribed and sworn before me this 1970 day of 10V, 2014

____ Notary Public

My Commission Expires

October 9th s

2019

RECEIVED Received
Office of Oil and Gas Office of Oil & Gas

DEC 0 2 2014

NOV 2 0 2014

API NO. 47-				
OPERATOR WE	ELL	NO.	T1-03-1A	
Well Pad Name:	T1-0	03		

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

Noti	ice Time Requirem	nent: notice shall be	provided no later than	the filing date of permit application.
	e of Notice: 11-19-201	Date Permit Ap	pplication Filed: 12-1-2	014
✓	PERMIT FOR AN		RTIFICATE OF APPE INSTRUCTION OF A	ROVAL FOR THE N IMPOUNDMENT OR PIT
Deli	very method pursi	uant to West Virgi	nia Code § 22-6A-10(b)
	PERSONAL	✓ REGISTERE	D METHO	DD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL	RECEI	T OR SIGNATURE CONFIRMATION
regis sedin the s oil a desc oper more well importance prov prop subs record prov Code water	stered mail or by any ment control plan recourface of the tract or and gas leasehold being the recours of the erosion at a constant of the surface of the surface of the surface of the surface of the water well, spring inde water for consumptions of the sheriff requision of the sheriff requision of this article to the R. § 35-8-5.7.a recomputation of the surface of th	remethod of delivery to quired by section seven in which the well is or ing developed by the pand sediment control event the tract of land e owners of record of tract is to be used for escribed in section ning or water supply sour inption by humans or wity is to take place. (extion hold interests in puired to be maintained to the contrary, notice quires, in part, that the e owner subject to no	hat requires a receipt or en of this article, and the is proposed to be locat proposed well work, if a plan submitted pursuar d on which the well professed the surface tract or trace or the placement, construinted of this article; (5) And recellocated within one the domestic animals; and dec)(1) If more than three the lands, the applicant and pursuant to section ender the placement of the placement of the end pursuant to section ender the placement of the place	as required by this article shall deliver, by personal service or by signature confirmation, copies of the application, the erosion and e well plat to each of the following persons: (1) The owners of record of ed; (2) The owners of record of the surface tract or tracts overlying the the surface tract is to be used for roads or other land disturbance as at to subsection (c), section seven of this article; (3) The coal owner, posed to be drilled is located [sic] is known to be underlain by one or its overlying the oil and gas leasehold being developed by the proposed ction, enlargement, alteration, repair, removal or abandonment of any my surface owner or water purveyor who is known to the applicant to housand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the tenants in common or other co-owners of interests described in may serve the documents required upon the person described in the ght, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. ovide the Well Site Safety Plan ("WSSP") to the surface owner and any s provided in section 15 of this rule.
				□ Well Plat Notice is hereby provided to:
	JRFACE OWNER			COAL OWNER OR LESSEE
Add	ress:			Name:Address:
Nan				COAL OPERATOR
				Name:
				Address:
пѕ	JRFACE OWNER	(s) (Road and/or Oth	ner Disturbance)	
				SURFACE OWNER OF WATER WELL
				AND/OR WATER PURVEYOR(s)
				Name: Edward W. Jr. & Mary Frances
Nan				Address: 22nd St. EXT
Add	ress:			Wellsburg WV 26070
				OPERATOR OF ANY NATURAL GAS STORAGE FIELD
n SI	IRFACE OWNER	(s) (Impoundments of		Name:
		(s) (Impoundments (Address:
Add	ress.			Address:
Add	1033.		Office	*Please attach additional forms if necessary
_			1211100	- 1 load actaon additional forms if necessary

DEC 0 2 2014

WW-6A (9-13)

API NO. 47-___OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

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 th	an the filing date of permit application.
Date of Notice: 11-19-2014 Date Permit Application Filed: 11- Notice of:	19-2014
✓ PERMIT FOR ANY ☐ CERTIFICATE OF AP	PROVAL FOR THE
	AN IMPOUNDMENT OR PIT
WELL WORK CONSTRUCTION OF	THE HAIR CONDINENT ON THE
Delivery method pursuant to West Virginia Code § 22-6A-1	0(b)
☐ PERSONAL ☐ REGISTERED ☐ METH	HOD OF DELIVERY THAT REQUIRES A
	EIPT 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 locoil and gas leasehold being developed by the proposed well work, described in the erosion and sediment control plan submitted pursu operator or lessee, in the event the tract of land on which the well pmore coal seams; (4) The owners of record of the surface tract or to well work, if the surface tract is to be used for the placement, consimpoundment or pit as described in section nine of this article; (5) have a water well, spring or water supply source located within one provide water for consumption by humans or domestic animals; an proposed well work activity is to take place. (c)(1) If more than the subsection (b) of this section hold interests in the lands, the application of the sheriff required to be maintained pursuant to section provision of this article to the contrary, notice to a lien holder is not	or signature confirmation, copies of the application, the erosion and the well plat to each of the following persons: (1) The owners of record of cated; (2) The owners of record of the surface tract or tracts overlying the if the surface tract is to be used for roads or other land disturbance as ant to subsection (c), section seven of this article; (3) The coal owner, proposed to be drilled is located [sic] is known to be underlain by one or racts overlying the oil and gas leasehold being developed by the proposed truction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to be thousand five hundred feet of the center of the well pad which is used to determine the common or other co-owners of interests described in the mant may serve the documents required upon the person described in the center 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 g as provided in section 15 of this rule.
☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice	e □Well Plat Notice is hereby provided to:
□ SURFACE OWNER(s)	☐ COAL OWNER OR LESSEE
Name:	Name:
Address:	Address:
Name:	□ COAL OPERATOR
Address:	Name:
	Address:
☐ SURFACE OWNER(s) (Road and/or Other Disturbance)	
Name:	☑ SURFACE OWNER OF WATER WELL
Address:	AND/OR WATER PURVEYOR(s)
	Name: Edward W. Jr. & Mary Frances
Name:	Address: 22nd St. EXT Wellsburg, WV 26070
Address:	OPERATOR OF ANY NATURAL GAS STORAGE FIELD
CLIDEACE OWNED(s) (Impoundments or Dits)	
SURFACE OWNER(s) (Impoundments or Pits)	Name: Address: IVED Flecered
Name:	fice of Oil and Gas Office of Oil & Gas
Address.	*Please attach additional forms if necessary
	DEC 0 2 2014 NOV 2 0 2014

OPERATOR WELL NO. T1-03-1A

Well Pad Name: T1-03

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) 629-3119

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 333 Crown Manor Circle #95 Mineral Wells, WV 26150 My Commission Expires October 09, 2019 Subscribed and sworn before me this 19^{44} day of 100, 2014eresa P. Hall

My Commission Expires October 940 2019

RECEIVED Office of Oil and Gas

DEC 0 2 2014

Received Office of Oil & Gas NOV 2 0 2014

WV Department of Environmental Protection

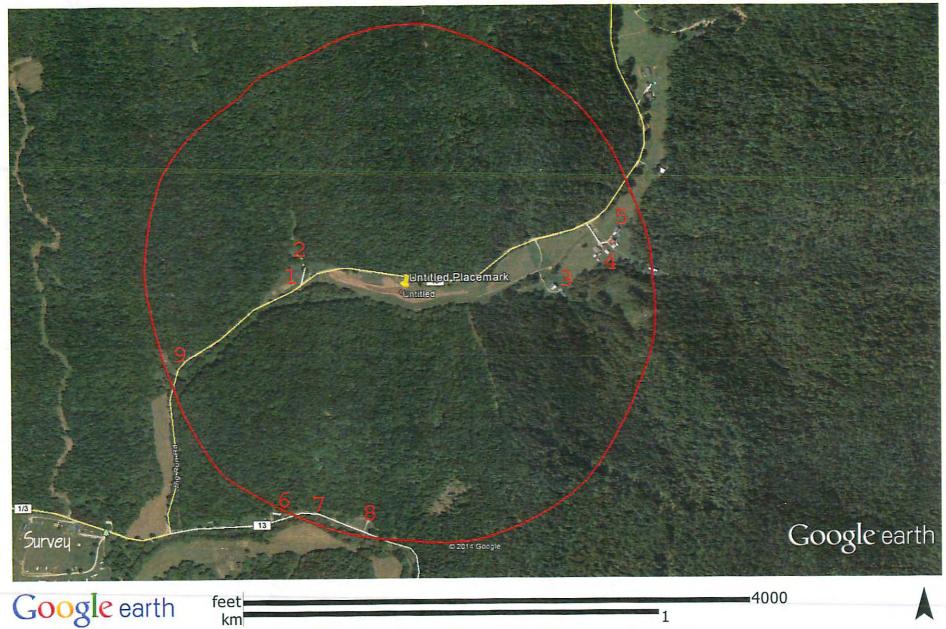
01/29/2016

Reference	Мар	Parcel	First	Surname	Address	City	State	Zip
1	5	15	Edsel	Hoover et al.	123 E Adams St.	Paden City	WV	26169
2	5	15	Terry & Teresa	Jackson	493 Big Run Rd.	Alma	WV	26320
3	10	4	Donald J. & Judith A.	Lisby	882 Big Run Rd.	Alma	WV	26320
4	11	49	Mark L. & Mitchell	Nichols	23 Big Run Rd.	Alma	WV	26320
5	10	2	Jack F. & Roberta A.	Starcher	HC62 Box 21	Alma	WV	26320
6	10	47	William G.	Wright	1169 Indian Creek Rd.	Alma	WV	26320
7	10	42,43	Arthur T. & Lois J.	Bloom	193 Gentech Ridge	Wellsburg	WV	26070
8	10	41	Mark & Sherry	Frey	HC62 Box 40 E	Alma	WV	26320
9	10		Edward W. Jr. & Mary	Frances	22nd St. EXT	Wellsburg	WV	26070

RECEIVED C Office of Oil and Gas

Received Office of Oil & Gas

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Google earth

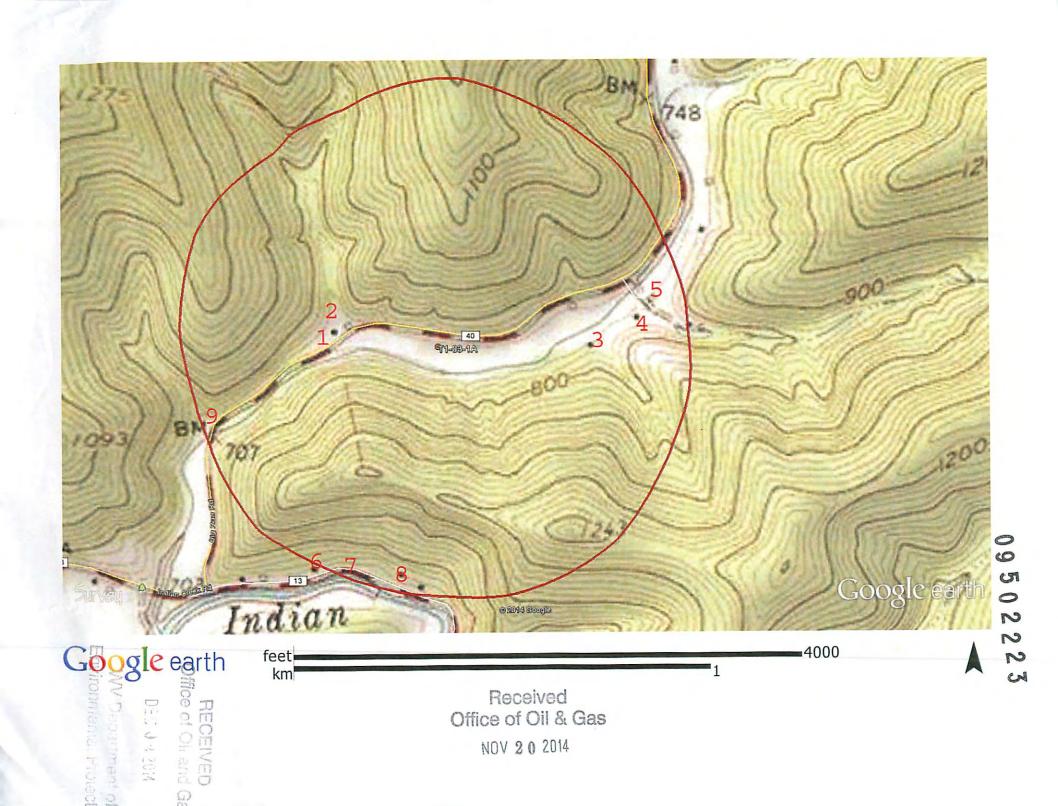
RECEIVED Office of Oil and Gas

DEC 0 2 2014

Received

Office of Oil & Gas NOV 2 0 2014

g WV Dapatment of



1	V	W	1-2	B	1

Well	No.	T1-03-1A		
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West Virginia Department of Environmental Protection Office of Oil and Gas

NOTICE TO SURFACE OWNERS

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

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

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

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

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

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

X	Contractor Name Well operator's pr	and the second s	
	Well Operator	Jay-Bee Oil & Gas, INC	
	Address	3570 Shields Hill Rd / 1720 Route 22 East	
		Cairo, WV 26337 / Union, NJ 07083	

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

Office of Oil and Gas

DEC 0 2 2014

WW Department of Environmental Protection Received Office of Oil & Gas NOV 2 0 2014

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

Notice Time entry Date of Notic				t least SEVEN (7) day Entry: 11-19-2014	s but no more than	n FORTY-FIVE (45	b) days prior to
Delivery met	hod pursuan	t to West Virginia C	ode § 2	22-6A-10a			
☐ PERSON		REGISTERED MAIL		METHOD OF DELI RECEIPT OR SIGN			
on to the surfi but no more t beneath such owner of min and Sediment Secretary, wh	ace tract to co han forty-five tract that has erals underlyit Control Man tich statement	enduct any plat survey days prior to such en filed a declaration pur ng such tract in the co ual and the statutes an	s require try to: (resuant to bunty tail and rules inform	red pursuant to this art (1) The surface owner o section thirty-six, ar ax records. The notice or related to oil and gas ation, including the ad-	ticle. Such notice s of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall be provided at I to any owner or lesse wenty-two of this co atement that copies of roduction may be ob	east seven days ee of coal seams de; and (3) any of the state Erosion otained from the
Notice is her	eby provided	l to:					Gas
■ SURFAC	CE OWNER(s)		☐ COAL	OWNER OR LE	SSEE	70
Name: Edsel H		/		Name:			01/20
Address: 123 Paden City, WV 26	E. Adams St		_	Address: _			Received Office of Oil & NOV 2 0 2014
				<u> </u>	otto Literatur		0 0 >
Address:					ERAL OWNER(s)		N 08
			_		el Hoover Jr. ET AL	/	三
Name:			-		123 E. Adams St	/	- 0
Address:			-	*nlease attach	additional forms if ne	ecessarv	-
Pursuant to V a plat survey State: County:	ereby given: Vest Virginia on the tract o West Virginia	Code § 22-6A-10(a), f land as follows:	notice i	Public Road A	ude & Longitude:	4,366,590.14 x 517,033.55 Big Run Rd (CR40)	
District:	McElroy					Big Run Creek	
Quadrangle:	Shirley 7.5			Generally use	d farm name:	Edsel Hoover Jr. et al	
may be obtain Charleston, Vobtained from	ned from the WV 25304 (3 n the Secretar ereby given	Secretary, at the WV 04-926-0450). Copie by by visiting www.de	Departs	ual and the statutes and ment of Environmenta ch documents or additi ov/oil-and-gas/pages/o	l Protection headq ional information	juarters, located at 60	of 5/" Street, SE,
Telephone:	304-628-311	1			Cairo, WV 26337		1 1 1
Email:	sdowell@jayl	peeoil.com		Facsimile:	(304) 629-3119	10/1	M
The Office o	personal info	processes your perso	closed t	ormation, such as nam to other State agencie uirements, including	s or third parties	in the normal cours	se of business or as

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact

DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Department of Environmental Profession

DEC 0 3 2014

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

	ne Require	ment:	Notice shall be prov	vided at least S	SEVEN (7) day	s but no more than	FORTY-FIVE (45) days prior	to
entry Date of No	otice: 11-12-20	014	Date of Pla	nned Entry:	11-19-2014				
Delivery n	nethod purs	suant 1	o West Virginia C	ode § 22-6A-	10a				
□ PERS	SONAL	-	REGISTERED	■ MET	HOD OF DELI	IVERY THAT RE	OUIRES A		
SERV			MAIL			ATURE CONFIR			
on to the si but no more beneath su owner of mand Sedim Secretary,	re than forty ch tract that ninerals und ent Control which states	to cond -five d has fil erlying Manua ment sl	luct any plat survey ays prior to such en ed a declaration put g such tract in the co d and the statutes at	is required pur stry to: (1) The resuant to section ounty tax reco- nd rules related information, i	suant to this art surface owner on thirty-six, ar rds. The notice d to oil and gas	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and pr	shall provide notice hall be provided at less of any owner or less eventy-two of this contement that copies of roduction may be obtage on the Secretary's	east seven da e of coal sea de; and (3) and f the state Er tained from t s web site, to	nys ny rosion the
Notice is I	iereby prov	ided t	0:					(0)	
					П	10.000		U	
	FACE OWN					OWNER OR LE		0000	017
	y & Teresa Jacks	on		-0	Name:			50	2
Address: Alma, WV 2633	HC 62 Box 22A			-	Address: _			Received	NOV 2 0 2014
Contract Contract				-				0 0	>
Address:					MINE	RAL OWNER(s)		Ž.	N
· ·					Name: Terr	y & Teresa Jackson		与	
Name:				_	Address: 1			0	
					Alma, WV 2632				
					*please attacl	n additional forms if ne	cessary		
Pursuant t	hereby give o West Virg	inia C	ode § 22-6A-10(a), and as follows:	notice is herel	by given that th	e undersigned wel	l operator is planning	g entry to con	nduct
State:	West Virgi					ude & Longitude:	4,366,590.14 x 517,033.55		
County:	Tyler				Public Road A	Access:	Big Run Rd (CR40)		05
District:	McElroy				Watershed:	A Company	Big Run Creek		6
Quadrang	le: Shirley 7.5	5			Generally use	d farm name:	Edsel Hoover Jr. et al	- 4	0
may be ob Charlestor obtained f	otained from n, WV 2530 From the Sec	the Se 04 (304 cretary	ecretary, at the WV 4-926-0450). Copie by visiting <u>www.de</u>	Department of s of such docu	f Environmenta iments or addit	I Protection headq ional information i	il and gas exploratio uarters, located at 60 related to horizontal	11 5 / Street	, SE,
	hereby gi				Address:	3570 Shields Hill Rd			0
Well Ope		ee Oil & C	aas, inc		11441033.	Cairo, WV 26337			-5
Telephone	4 70	28-3111	all and		Facsimile:	(304) 629-3119			
Email:	sdowel	ll@jaybee	oil.com		i acsimile.	(507) 025 0110	11	11	20/
The Offic	Gas Privace of Oil and	Gas p	rocesses your perso	nal information	on, such as nam r State agencie	e, address and teless or third parties	phone number, as pa in the normal cours	art of our reg e of busines	ulator s or a

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.

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

	Requirement:	Notice shall be prov	rided at least SEVEN (7) day	s but no more than	FORTY-FIVE (45) days prior to
entry Date of Notice	e: 11-12-2014	Date of Plan	nned Entry: 11-19-2014			
Delivery meth	od pursuant	to West Virginia Co	ode § 22-6A-10a			
☐ PERSON	IAL 🔳	REGISTERED	■ METHOD OF DEL	IVERY THAT RE	OUIRES A	
SERVICE	1	MAIL	RECEIPT OR SIGN			
on to the surfactor to the surfactor of more the beneath such to the surfactor of mine and Sediment (Secretary, which is the surfactor of the	ce tract to cond an forty-five d ract that has fil rals underlying Control Manua ch statement sl	duct any plat surveys ays prior to such ent led a declaration pur- g such tract in the co al and the statutes an hall include contact in obtain copies from the		ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a state exploration and pa	shall be provided at to any owner or lest wenty-two of this contement that copies roduction may be of the secretary	t least seven days see of coal seams code; and (3) any of the state Erosion obtained from the y's web site, to
Name: Donald &		/				0 2 0
Address: 882 Bi		/	Address:			Office of Oi
Alma, WV 26320						No Se
Name:						#
Address:			MINE	RAL OWNER(s)	/	0
NT				ald & Judith Lisby		-
Name:				882 Big Run Rd.		 -
Address.			*nlease attacl	additional forms if ne	cessarv	-
Notice is her Pursuant to W a plat survey o State: County: District:	est Virginia Co on the tract of I West Virginia	ode § 22-6A-10(a), r and as follows:	Public Road A	ude & Longitude:	4,366,590.14 x 517,033. Big Run Rd (CR40) Big Run Creek	
	Shirley 7.5		Generally use	d farm name:	Edsel Hoover Jr. et al	
may be obtain Charleston, W obtained from Notice is her Well Operator	ed from the Se V 25304 (304 the Secretary reby given by	ccretary, at the WV I 4-926-0450). Copies by visiting <u>www.der</u> y:	ol Manual and the statutes and Department of Environmentals of such documents or additionally by the power of the statutes and Department of Environmentals of Such documents or additionally by the statutes and Department of Environmental Such Andread Such Andread Such a	I Protection headq ional information i default.aspx.	uarters, located at	601 57 th Street, SE,
Telephone:	304-628-3111			Cairo, WV 26337		- 20 -
Email:	sdowell@jaybee	oil.com	Facsimile:	(304) 629-3119	1	
The Office of duties. Your preeded to co	personal information	rocesses your person mation may be discl atutory or regulator	nal information, such as nam losed to other State agencie y requirements, including If you have any questions a	s or third parties Freedom of Info	in the normal courmation Act reque	rse of business or as ests. Our office will

appropriately secure your personal information. If you have any questions about our use or your personal information, please contact

DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Deput 2016 |
Environmental Protection

WW-6A5 (1/12)

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

Notice Time I Date of Notic	Requirement: notice shall be provided e: 11/19/2014 Date Permit	no later than the filing date of permit Application Filed: 12/01/2014	t application.
	nod pursuant to West Virginia Code		09502223
Denvery men	ou parsume to mean magnitude	<u>-</u>	
CERTIF	TIED MAIL	HAND	
RETUR	N RECEIPT REQUESTED	DELIVERY	
return receipt the planned of required to be drilling of a hadamages to the (d) The notice of notice.	requested or hand delivery, give the su peration. The notice required by this provided by subsection (b), section ter torizontal well; and (3) A proposed su e surface affected by oil and gas operate	arface owner whose land will be used for subsection shall include: (1) A copy in of this article to a surface owner who arface use and compensation agreementions to the extent the damages are control to the surface owner at the address 1	ication, an operator shall, by certified mail for the drilling of a horizontal well notice of of this code section; (2) The information see land will be used in conjunction with the ent containing an offer of compensation for appensable under article six-b of this chapter, isted in the records of the sheriff at the time
(at the address	s listed in the records of the sheriff at the	ne time of notice):	
Name: Donalyd		T. 4 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -	
Address: 882 E	ig Run Rd.	Address:	
Alma, WV 26320			
operation on State: County:	the surface owner's land for the purpos West Virginia Tyler	se of drilling a horizontal well on the tr ————————————————————————————————————	517033.6
District:	McElroy	Public Road Access:	Big Run Rd (CR40)
Quadrangle:	Shirley 7.5	Generally used farm name:	Edsel Hoover Jr. et al
Watershed:	Big Run Creek		
Pursuant to V to be provide horizontal we surface affect	ed by W. Va. Code § 22-6A-10(b) to ell; and (3) A proposed surface use and ted by oil and gas operations to the extended to horizontal drilling may be concated at 601 57th Street, SE, Cl	a surface owner whose land will be decompensation agreement containing a stent the damages are compensable up obtained from the Secretary, at the W	s code section; (2) The information required used in conjunction with the drilling of a an offer of compensation for damages to the oder article six-b of this chapter. Additional V Department of Environmental Protection (0) 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.

DEC 0 2 2014

Office of Oil and Gas

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

Notice Time Date of Notic		shall be provided Date Permit	no later than the filing of Application Filed: 11/15	date of permit a	application.	502	227
	hod pursuant to We	- et Virginio Codo	8 22-6A-16(c)		0 0	002	260
Denvery met	noa pursuant to we	st virginia Code	8 22-0A-10(c)				
CERTII	FIED MAIL		HAND				
	RN RECEIPT REQU	ESTED	DELIVERY				
return receipt the planned of required to be drilling of a li- damages to the	requested or hand de operation. The notice provided by subsect horizontal well; and he surface affected by	elivery, give the su e required by this ion (b), section ter (3) A proposed su oil and gas operat	nan the date for filing the subsection shall include to of this article to a surface use and compensations to the extent the day in to the surface owner as	will be used for le: (1) A copy of ace owner whose ation agreement mages are comp	r the drilling of a h of this code section to land will be used to containing an off to bensable under artice	orizontal won; (2) The in conjunction of composite six-b of	rell notice of information tion with the pensation for this chapte
Notice is her	eby provided to the	SURFACE OWN	VER(s)				
(at the addres	s listed in the records	of the sheriff at th	ne time of notice):				
Name: Donalyd			Name:				
Address: 882 I	Big Run Rd.		Address	:			
	La Tanak						
operation on State:	Vest Virginia Code § the surface owner's West Virginia	22-6A-16(c), notice and for the purpos	ce is hereby given that the of drilling a horizonta UTM NAD 8	l well on the tra- Easting:	ct of land as follow 517033.6	eveloped a	planned
County:	Tyler		Duklia Dand	Northing:	4366589.8		
District:	McElroy		Public Road	Access: ed farm name:	Big Run Rd (CR40) Edsel Hoover Jr. et al		
Quadrangle: Watershed:	Shirley 7.5		Generally use	d farm name.	Edsel Hoovel Jr. et al		
	Big Run Creek						
Pursuant to V to be provide horizontal we surface affect information	ed by W. Va. Code ell; and (3) A propose ted by oil and gas of related to horizontal , located at 601 57 th	§ 22-6A-10(b) to ed surface use and perations to the ex drilling may be o	notice shall include: (1) a surface owner whose compensation agreeme tent the damages are cobtained from the Secremarleston, WV 25304	e land will be un nt containing an empensable und eary, at the WV	used in conjunction offer of compensates of article six-b of Department of En	n with the ation for da this chapte nvironment	drilling of images to the r. Addition al Protection
Well Operato	Or: Jay-Bee Oil & Gas, Inc		Address:	3570 Shields Hill Rd			
Telephone:	304-628-3111			Cairo, WV 26337	/	1	11
Email:	sdowell@jaybeeoil.com		Facsimile:	(304) 629-3119			
The Office o duties. Your needed to cappropriately	personal information	n may be disclose y or regulatory re il information. If y	nformation, such as nand to other State agencie equirements, including you have any questions awv.gov.	es or third parti Freedom of Ir	es in the normal conformation Act reconstruction of the second infection of th	course of boundaries, Ou	usiness or r office w lease conta

Office of Oil and Gas

DEC 0 3 2014

NOV 2 0 2014

STATE OF WEST VIRGINIA 0950223 DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Delivery met	hod pursuant to West Virginia (Code § 22-6A-16(c)		
■ CERTII	FIED MAIL	☐ HAND		
	RN RECEIPT REQUESTED	DELIVERY		
return receipt the planned of required to be drilling of a l damages to th (d) The notice of notice.	requested or hand delivery, give to operation. The notice required by provided by subsection (b), section chorizontal well; and (3) A propose we surface affected by oil and gas of the section shall be	the surface owner whose land y this subsection shall inclusion ten of this article to a surface use and compen- operations to the extent the de- e given to the surface owner	d will be used fo de: (1) A copy ace owner whos sation agreemen amages are comp	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information e land will be used in conjunction with the t containing an offer of compensation for pensable under article six-b of this chapter. Sted in the records of the sheriff at the time
Notice is here	eby provided to the SURFACE of slisted in the records of the sherif	ff at the time of notice):		
	eresa Jackson			
Wallie. Teny a.				
		Addres	s:	
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W	2 Box 22A eby given:	, notice is hereby given that t	he undersigned v	well operator has developed a planned act of land as follows:
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State:	eby given: /est Virginia Code § 22-6A-16(c).	, notice is hereby given that tourpose of drilling a horizont. UTM NAD	he undersigned valued well on the tra Easting: Northing:	act of land as follows: 517033.6 4366589.8
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District:	eby given: //est Virginia Code § 22-6A-16(c). the surface owner's land for the p	, notice is hereby given that tourpose of drilling a horizont. UTM NAD Public Road	he undersigned valued well on the tra Easting: Northing: Access:	act of land as follows: 517033.6 4366589.8 Big Run Rd (CR40)
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District: Quadrangle:	eby given: //est Virginia Code § 22-6A-16(c). the surface owner's land for the p West Virginia Tyler	, notice is hereby given that tourpose of drilling a horizont. UTM NAD Public Road	he undersigned valued well on the tra Easting: Northing:	act of land as follows: 517033.6 4366589.8
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County:	eby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the p West Virginia Tyler McElroy	, notice is hereby given that tourpose of drilling a horizont. UTM NAD Public Road	he undersigned valued well on the tra Easting: Northing: Access:	act of land as follows: 517033.6 4366589.8 Big Run Rd (CR40)
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice S Pursuant to W to be provide horizontal we surface affec	eby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the public limits with the surface owner's land for the land limits with the land limits with the land limits with land limits wi	notice is hereby given that to purpose of drilling a horizont. UTM NAD Public Road Generally us or this notice shall include: (1) b) to a surface owner whose and compensation agreements the extent the damages are or the obtained from the Secretary.	he undersigned valued al well on the tra Easting: Northing: Access: Eed farm name: 1) A copy of this Ee land will be accepted and will be accepted and will be accepted and will be accepted at the w	act of land as follows: 517033.6 4366589.8 Big Run Rd (CR40)
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice of Pursuant to W to be provide horizontal we surface affect information of headquarters gas/pages/de	eby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the public line of the public line	notice is hereby given that to purpose of drilling a horizont. UTM NAD Public Road Generally us On this notice shall include: (1) By to a surface owner whose the extent the damages are of the obtained from the Secret Charleston, WV 25304	the undersigned valued al well on the traces. Northing: Access: Sed farm name: Accept of this is land will be sent containing are compensable undertary, at the WV (304-926-0450)	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 or by visiting www.dep.wv.gov/oil-and-
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice s Pursuant to W to be provide horizontal we surface affec information on headquarters gas/pages/de Well Operate	eby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the pwest Virginia Tyler McEtroy Shirley 7.5 Big Run Creek Shall Include: Vest Virginia Code § 22-6A-16(c), ed by W. Va. Code § 22-6A-10(e), ed by W. Va. Code § 22-6A-10(e), and (3) A proposed surface us ted by oil and gas operations to the related to horizontal drilling may located at 601 57th Street, SE, fault.aspx. Dr: Jay-Bee Oil & Gas, Inc.	notice is hereby given that to purpose of drilling a horizont. UTM NAD Public Road Generally us or this notice shall include: (1) b) to a surface owner whose and compensation agreements the extent the damages are or the obtained from the Secretary.	he undersigned valued well on the traces Easting: Northing: Access: Sed farm name: Accept of this is land will be necessable understand; at the WV (304-926-0450)	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 or by visiting www.dep.wv.gov/oil-and-
Address: HC 6 Alma, WV 26320 Notice is her Pursuant to W operation on State: County: District: Quadrangle: Watershed: This Notice of Pursuant to W to be provide horizontal we surface affect information of headquarters gas/pages/de	eby given: Vest Virginia Code § 22-6A-16(c), the surface owner's land for the public line of the public line	notice is hereby given that to purpose of drilling a horizont. UTM NAD Public Road Generally us On this notice shall include: (1) By to a surface owner whose the extent the damages are of the obtained from the Secret Charleston, WV 25304	he undersigned valued well on the traces Easting: Northing: Access: Sed farm name: Accept of this is land will be net containing and compensable undertary, at the WV (304-926-0450) 3570 Shields Hill Rd Cairo, WV 26337	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 or by visiting www.dep.wv.gov/oil-and-

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.

RECEIVED Office of Oil and Gas

Operator Well No. T1-03-1A 09502223

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

Notice Time Date of Notice	Requirement: notice shall be proce: 11/19/2014 Date Po	vided no ermit A _l	plater than the filing opplication Filed: 11/19	date of permit 9/2014	application.	
Delivery me	thod pursuant to West Virginia	Code § 2	22-6A-16(c)			
■ CERTI	FIED MAIL	П	HAND			
	RN RECEIPT REQUESTED	_	DELIVERY			
return receipt the planned required to be drilling of a damages to the	W. Va. Code § 22-6A-16(c), no later requested or hand delivery, give operation. The notice required be provided by subsection (b), section horizontal well; and (3) A proposite surface affected by oil and gas are required by this section shall be	the surfa y this so on ten o sed surfa operation	ace owner whose land absection shall include if this article to a surfa- ace use and compens as to the extent the da	will be used for de: (1) A copy ace owner whos ation agreemen mages are comp	or the drilling of a of this code sect e land will be use t containing an opensable under are	horizontal well notice of ion; (2) The information of in conjunction with the ffer of compensation for ticle six-b of this chapter.
Notice is her	eby provided to the SURFACE	OWNE	R(s)			
	ss listed in the records of the sherif					
Name: Terry &			Name:			
Address: HC	62 Box 22A	_	Address	s:		
Alma, WV 26320		-				
operation on State:	West Virginia Code § 22-6A-16(c) the surface owner's land for the public Virginia	, notice ourpose o	is hereby given that the of drilling a horizonta UTM NAD 8	l well on the tra Easting:	ct of land as follo	developed a planned ws:
County:	Tyler			Northing:	4366589.8	
District:	McElroy		Public Road		Big Run Rd (CR40) Edsel Hoover Jr. et al	
Quadrangle:	Shirley 7.5		Generally use	ed farm name:	Edsel Hoover Jr. et al	
Watershed:	Big Run Creek					
This Metics	Shall Include:					
Pursuant to V to be provid horizontal w surface affect information	West Virginia Code § 22-6A-16(c) led by W. Va. Code § 22-6A-10(e) ell; and (3) A proposed surface us ted by oil and gas operations to related to horizontal drilling may be located at 601 57th Street, SE,	b) to a se and co the exter be obta	surface owner whose ompensation agreeme at the damages are com- ained from the Secret	e land will be un nt containing ar compensable und tary, at the WV	used in conjuncti n offer of compen der article six-b o 7 Department of l	on with the drilling of a sation for damages to the f this chapter. Additional Environmental Protection
Well Operate	Of: Jay-Bee Oil & Gas, Inc		Address:	3570 Shields Hill Rd	~	me
Telephone:	304-628-3111			Cairo, WV 26337	50	1.19
Email:	sdowell@jaybeeoil.com		Facsimile:	(304) 629-3119		
Oil and Gas The Office of	s Privacy Notice: of Oil and Gas processes your pers personal information may be dis comply with statutory or regulat	sclosed t	to other State agencie	es or third part	ies in the normal	course of business or as

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.

RECEIVED Office of Oil and GasOffice of Oil & Gas NOV 2 0 2014

Received

09502223 STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice Time I Date of Notic	Requirement: notice shall be presented: 11/19/2014 Date I	Permit Application Filed: 12/0	1/2014	аррисацоп. ——
Delivery met	nod pursuant to West Virginia	Code § 22-6A-16(c)		
■ CERTIF	FIED MAIL	☐ HAND		
	N RECEIPT REQUESTED	DELIVERY		
return receipt the planned of required to be drilling of a l- damages to th d) The notice of notice.	requested or hand delivery, give peration. The notice required provided by subsection (b), sec corizontal well; and (3) A prope e surface affected by oil and gas	e the surface owner whose land by this subsection shall inclu- tion ten of this article to a surf- osed surface use and compens s operations to the extent the da- be given to the surface owner a	I will be used fo de: (1) A copy ace owner whos ation agreemen amages are comp	cation, an operator shall, by certified mail 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 pensable under article six-b of this chapter sted in the records of the sheriff at the time
at the address	s listed in the records of the sher	riff at the time of notice):		
Name: Edsel Hoo				
Address: 123 E		Addres	s:	
Paden City, WV 26	159			
State: County:	the surface owner's land for the West Virginia Tyler	UTM NAD 8	Easting: Northing:	517033.6 4366589.8
District:	McElroy	Public Road	Access: ed farm name:	Big Run Rd (CR40) Edsel Hoover Jr. et al
Quadrangle: Watershed:	Shirley 7.5	Generally us	ed farm name.	Edsel Hoover St. et al
watersned:	Big Run Creek			
Pursuant to Wato be provided horizontal we surface affect information r	ed by W. Va. Code § 22-6A-10 Ill; and (3) A proposed surface to ed by oil and gas operations to elated to horizontal drilling ma located at 601 57 th Street, SE	O(b) to a surface owner whose use and compensation agreement to the extent the damages are computed by be obtained from the Secretary	e land will be unto containing are compensable und tary, at the WV	code section; (2) The information required used in conjunction with the drilling of an offer of compensation for damages to the der article six-b of this chapter. Additional Department of Environmental Protection or by visiting www.dep.wv.gov/oil-and
Well Operato	r: Jay-Bee Oil & Gas, Inc	Address:	3570 Shields Hill Rd	α
Telephone:	304-628-3111		Cairo, WV 26337	10/10/1
Email:	sdowell@jaybeeoil.com	Facsimile:	1110/12/11/12/11/11/11	11/01
Oil and Gas The Office of	Privacy Notice: Oil and Gas processes your per	rsonal information, such as nar	ne, address and	telephone number, as part of our regulator, ies in the normal course of business or a

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. Office of Oil and Gas

DEC 0 2 2014

WW-6A5 (1/12)

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

	Requirement: notice shall be provide	d no later th	an the filing o	late of permit a	application.
Date of Notic	e: 11/19/2014 Date Permi	t Applicatio	on Filed: 11/19	/2014	-
Delivery met	hod pursuant to West Virginia Code	e § 22-6A-10	6(c)		
■ CERTIF	FIED MAIL	☐ HAND			
eturn receipt he planned of equired to be drilling of a banages to the	requested or hand delivery, give the superation. The notice required by the provided by subsection (b), section to norizontal well; and (3) A proposed surface affected by oil and gas operated.	urface owners subsection of this art surface use a nations to the	er whose land in shall included icle to a surfatand compensate extent the date	will be used for le: (1) A copy of the common whose ation agreement mages are comp	the drilling of a horizontal well notice of of this code section; (2) The information a land will be used in conjunction with the containing an offer of compensation for the ensable under article six-b of this chapter.
Notice is here	eby provided to the SURFACE OW	NER(s)			
	CERTIFIED MAIL RETURN RECEIPT REQUESTED DELIVERY saant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certifier receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well in planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information receipt requested or hand delivery, give the surface owner whose land will be used in conjunction wing of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensa ages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this otice. In the notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the otice. In the receipt provided to the SURFACE OWNER(s) he address listed in the records of the sheriff at the time of notice): In the Eddet Hoover st. ET AL. In the receipt provided to the SURFACE OWNER(s) In the address listed in the records of the sheriff at the time of notice): In the Eddet Hoover st. ET AL. In the Eddet Hoo				
			Address	·	
raden ony, vvv ze	7133		-		
Pursuant to Woperation on State: County:	the surface owner's land for the purpo West Virginia	ose of drillin	g a horizontal	l well on the trac Easting:	et of land as follows: 517033.6
District:			Public Road		A. C.
			denorally doe	u 111111 1111111	
Pursuant to W to be provide horizontal we surface affect information r headquarters,	Vest Virginia Code § 22-6A-16(c), thied by W. Va. Code § 22-6A-10(b) to tell; and (3) A proposed surface use an ted by oil and gas operations to the evelated to horizontal drilling may be located at 601 57 th Street, SE,	a surface d compensa extent the da obtained fro	owner whose tion agreement omages are coment the Secret	land will be un the containing an empensable underly, at the WV	sed in conjunction with the drilling of a offer of compensation for damages to the er article six-b of this chapter. Additional Department of Environmental Protection
Well Operato	DI": Jay-Bee Oil & Gas, Inc		Address:	3570 Shields Hill Rd	
Telephone:	TO THE STREET STREET			Cairo, WV 26337	Sommer
Email:	sdowell@jaybeeoil.com		Facsimile:	(304) 629-3119	Man Market
Oil and Gas The Office of duties. Your needed to co appropriately	personal information may be disclose omply with statutory or regulatory	ed to other requirement you have ar	State agencies, including ny questions a	es or third parti Freedom of In	elephone number, as part of our regulatory es in the normal course of business or as a formation Act requests. Our office will your personal information, please contact Heceived Office of Oil & Gas
			DEC 0	2 2014	NOV 2 0 2014

WV Department of Environmental Protection



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

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

Earl Ray Tomblin Governor

November 19, 2014

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 Happy Pad, Tyler County

T1-03-1A well site

Dear Dr. Martin,

This well site will be accessed from a DOH permit #06-2014-0112 issued to Jay-Bee Oil & Gas, Inc. for access to the State Road for a well site located off of Tyler County Route 13/1 SLS.

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

Very Truly Yours,

Gary K. Clayton, P.E.

Regional Maintenance Engineer Central Office O&G Coordinator

Cc: Shane Dowell

Jay-Bee Oil & Gas, Inc.

CH, OM, D-6

File

RECEIVED
Office of Oil and Gas

DEC 0 3 2014

WV Department of Environmental Protection Received Office of Oil & Gas NOV 2 0 2014



JAY-BEE OIL & GAS, INC.

Office of Water and Waste Management West Virginia Dept. of Environmental Protection 601 57th Street SE Charleston, WV 25304

RE: Frac Additives

Permitting Office:

As requested on the Water Management Plan, the CAS numbers are referenced for all submitted plans, as well as on OOG permits on WW6B, page 1, and listed below:

- Water (7732-18-5)
- Sand (14808-60-7)
- Friction Reducer (64742-47-8)
- Scale Inhibitor (107-21-1 & 10043-52-4)
- Bacteria Prevention (111-30-8, 7173-51-5, 68424-85-1, & 64-17-5)
- 15% Vol Acid (7647-01-0).

middle of

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

Received Office of Oil & Gas NOV 2 0 2014

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



Location

West Virginia State Plane NAD '83 North Zone RTK GPS

DONALD LISBY AS-BUILT WELL PAD (T1-0.3)

McElroy District, Tyler County, WV Prepared for JAY BEE OIL & GAS

Date: November 14, 2014

WVDEP OOG ACCEPTED AS-BUILT

8 / 04 / 2015

Sheet Description COVER

PAD PLAN

ROAD PLAN & PROFILE DETAILS

CENTER PAD (AS-BUILT) UTM (meters) 4366586.1 N 517090.6 E

CENTER PERMIT PAD Geographic NAD 27 Latitude: 39.448587 Longitude: 80.801969

Geographic NAD 83 Latitude: 39.448667 Longitude: 80.801796

CENTER ROAD INT. Geographic NAD 27 Latitude: 39.449101 Longitude: 80.804227

Geographic NAD 83 Latitude: 39.449181 Longitude: 80.804054

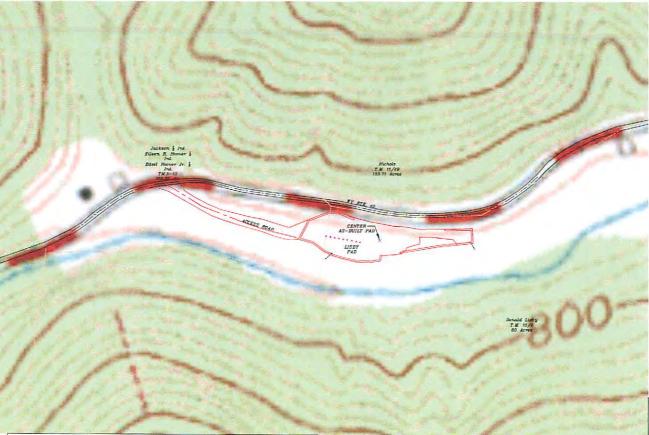
API #s

47-095-095-02094 (Elev.: 722.6')

47-095-9502092 (Elev.: 722.9')

47-095-9502091 (Elev.: 722.6')

47-095-9502093 (Elev.: 722.5')



Rev. 08/03/15: This revision was for comments from the DEP dated 07/14/15 and may not reflect field conditions to date.



YOU DIG!

Dial 811 or 800.245.4848



This well pad was designed by Fisher Engineering and constructed by Jay Bee Oil & Gas. This certification is for the as-built survey of the pad and road to show the well location(s.) pad geometry, road location, culvert location, drainage features and erosion & sediment control.



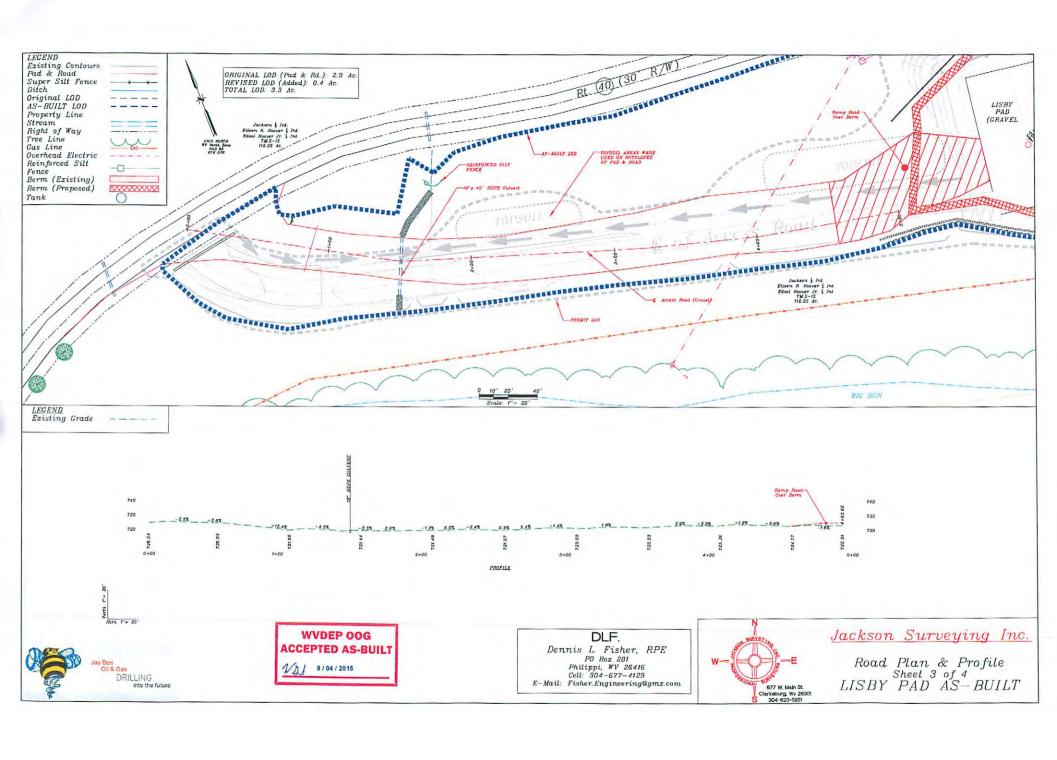


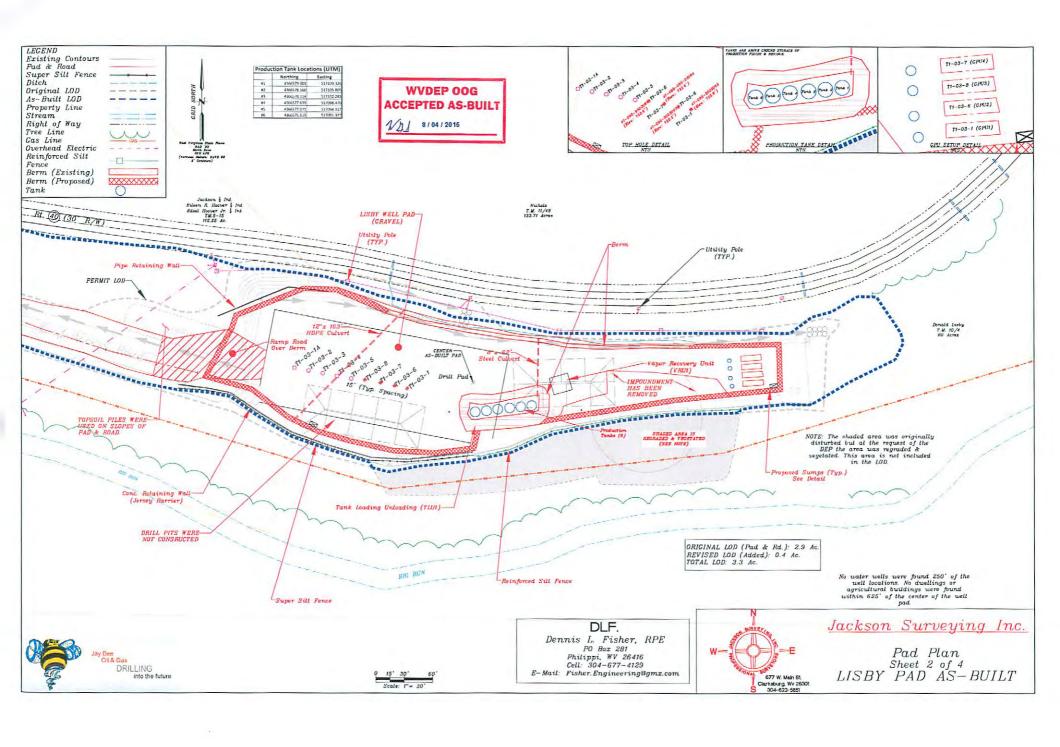
Dennis L. Fisher, RPE PO Box 281 Philippi, WV 26416 Cell: 304-677-4129 E-Mail: Fisher.Engineering@gmx.com

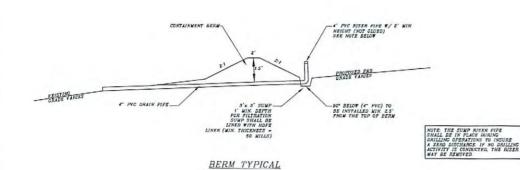


Jay Bee Oit & Gas DRILLING Into the future Jackson Surveying Inc.

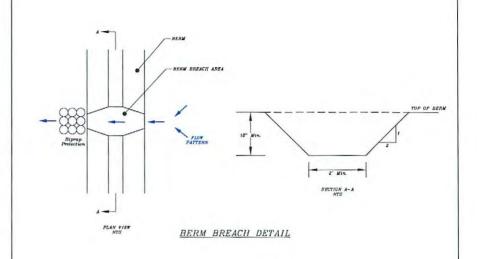
Cover Sheet 1 of 4
LISBY PAD AS-BUILT







(NTS)



PERMANENT SEED CHART

procedition.	Scornig Rin Like Apr	6. Scilleday Polymer	
(Y Bluegrass/ Redtupl .scino Clover or Biedsfoot	20 3 Trefoil 2/10	Well - Mod Well	5.5 - 7.5
Timothy/ Affolia	5 12	Well - Mod Well	65-80
Timathy/ Rindefoot Trefoit	5 8	Well - Poorly	5.5 - 7.5 8
Orchardgrass/ Ledino Clover/ Redinp	10 2 3	Well - Mod Well	55-75
Orchwolgress/ Ledino Clover	10 2	Well-Mod Well	55-75
Occlainingrass/ Perannial Ryagrass	20 10	West - Most West	55-75
Creeping Red Fescuel Perennial Ryegra	30 10	Well - Mod. Well	88-75
Orchardgrass or Kentucky	Divegrass 20	Well - Mod. Well	6.0 - 7.5
Birdstoot Trefoit/ Rectrips* Orchardgrass	10 5 20	Well - Mod. Well	55-75
Lathco Flat Pea/ Perennial Ryegrass	30 20	Well - Mod. Well	5.5 - 7.5
Lethon Flat Peu/ Drchardgrass	30 20	Well - Mod Well	5.5 - 7.5
bis IV-5 Lime and Fertilia	zer Application Table		
	in Tons Por Acre	Fertilizer, Una per Acre 10 20	20- or Equivale
Above 6.0	2	500	
5.0 to 6.0 Below 5.0	1	500 500	

Material	Minimum Rates Per Acre	Coverage	Remarks
Hay or Straw	2 to 3 Tony	Cover 75% to	Subject to Wind blowing
	100 to 150 Bales	90% of Surface	or washing unless lied down
Whod Fiber Pulp Fiber Wood-Cellulose	1000 to 1500 tos	Cover all Disturbed Areas	For Hydroseeding

Planting Dates	Sulability
March 1 - April 15 and August 1 - October 1	Best seeding periods
April 15 - August 1	HIGH RISK -moisture stress likely
October 1 - Dec. 1	HIGH RISK - Freeze damage to young seedlings
Dec. 1 - March 1	Good seeding period. Dormant seeding.

Table 2. Acceptable fertilization recommendation in obserce of a soil test

Species	to Constant	Pada (lesere)	Recipitation)	Example Rec. per acre
Cool Season Grass	40	60	80	400 tos. 10-20-20
CS Grass & Legume	30	60	60	300 lbs. 10-20-20
Temporary Cover	40	40	40	200 lbs 19-19-19

Species	Seeding Ride (#s/scrit)	OctmonSeeding Dates	Deamage	
Annual Ryegrasi	40	3/1 - 6/15 or 8/15 - 9/15	Wed - Poorly	55.75
Field Bromegras	n 40	3/1 - 8/15 or 8/15 - 9/15	Wes-Mod. Web	6.0 - 7.0
Spring Oats	pri	3/1 - 5/15	Well - Paorly	5.5 - 7.0
Sudangrass	40	5/15 - 8/15	Well - Poorly	55-75
Writer Rye	168	8/15 - 10/15	Well - Poorly	5.5 - 7.5
Writer Wheat	180	8/15 - 11/15	Welf - Mod. Welf	55-70
Japanese Millet	30	8/15 - 8/15	Wet	45-70
Redtop		3/1 - 6/15	Wet	4.0 - 7.5
Annual Ryegress	26	3/1 - 6/15	Well - Posity	55.75
Spring Cats	64	3/1-6/15	Well - Foorly	55-75

WVDEP OOG **ACCEPTED AS-BUILT** Vn / 8/04/2015

DLF. Dennis L. Fisher, RPE
PO Box 281
Philippi, WV 26416
Cell: 304-677-4129
E-Mail: Fisher.Engineering@gmx.com



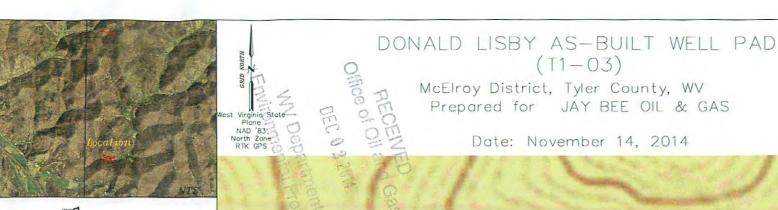
Jackson Surveying Inc.

Details Sheet 4 of 4 LISBY PAD AS-BUILT

LEGEND

TAKES ARE ABOVE CROWN STORACE OF PRODUCTION FILLIDS & RESIDUE.

0 N N N



Sheet Description COVER PAD PLAN ROAD PLAN & PROFILE

> CENTER PAD (AS-BUILT) UTM (meters) 4366586.1 N 517090.6 E

CENTER PERMIT PAD Geographic NAD 27 Latitude: 39.448587 Longitude: 80.801969

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47-095-9502091 (Elev.: 722.6')

47-095-9502093 (Elev.: 722.5')

This well pad was designed by Fisher Enginering and constructed by Jay Bee Oil & Cas. This certification is for the as-built survey of the pad and road to show the well location(s), pad geometry, road location, culvert location, drainage features and erosion &

DLF.

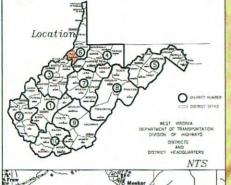
Dennis L. Fisher, RPE PO Box 281 Philippi, WV 26416

Cell: 304-677-4129

Cover Sheet 1 of 3

677 W. Main St. LISBY PAD AS—BUILT
304-623-5851

Jackson Surveying Inc.





Received
Office of Oil & Gas NOV 20 2014

CALL BEFORE YOU DIG!

Dial 811 or 800.245.4848

No. 8684 STATE OF Dennis L. Fisher RPE 8684:

0 0 UTI 0 N N

Clarksburg, Wv 26301 304-623-5851