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.

James Martin
Chief

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

Promoting a healthy environment.

API Number: 95-02223

PERMIT CONDITIONS

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

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.

2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.

3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.

4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.

5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.

6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.

7. 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, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

Comments

Comments

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

DATE: January 29, 2014
ORDER NO.: 2014-W-1

CC: Jay-Bee Oil and Gas
1720 Rt. 22E
Union, NJ 07083

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.

3. 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;
c. 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;
e. 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;
g. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
h. 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

By: _____
JAMES A. MARTIN, CHIEF

95-02223

WW-6B
(9/13)

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

1) Well Operator:	Jay-Bee Oil & Gas, Inc	24610	Tyler	McElroy	Shirley 7.5
		Operator ID	County	District	Quadrangle

2) Operator's Well Number: T1-03-1A Well Pad Name: T1-03

3) Farm Name/Surface Owner: Edsel Hoover Jr. et al Public Road Access: Big Run Rd (CR40)

4) Elevation, current ground: 723.65' Elevation, proposed post-construction: 723.65'

5) Well Type (a) Gas ■ Oil _____ Underground Storage _____
Other _____
(b)If Gas Shallow ■ Deep _____
Horizontal ■

6) Existing Pad: Yes or No Yes

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Associated Pressure(s):
Marcellus Target Depth 6,900', Total Depth 17,800'

8) Proposed Total Vertical Depth: 6,900'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 17,800'

11) Proposed Horizontal Leg Length: 8,854'

12) Approximate Fresh Water Strata Depths: 65'

13) Method to Determine Fresh Water Depths: Well Record 47-095-01004

14) Approximate Saltwater Depths: N/A

15) Approximate Coal Seam Depths: N/A

16) Approximate Depth to Possible Void (coal mine, karst, other): No

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes ☐ No ☑

(a) If Yes, provide Mine Info: Name: _____
Depth: _____
Seam: _____
Owner: _____

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WW-6B
(9/13)

18) **CASING AND TUBING PROGRAM**

TYPE	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 to 1000' from Surface
Tubing	N/A						
Liners	N/A						

MDG
11/19/14

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:				

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95-02223

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:

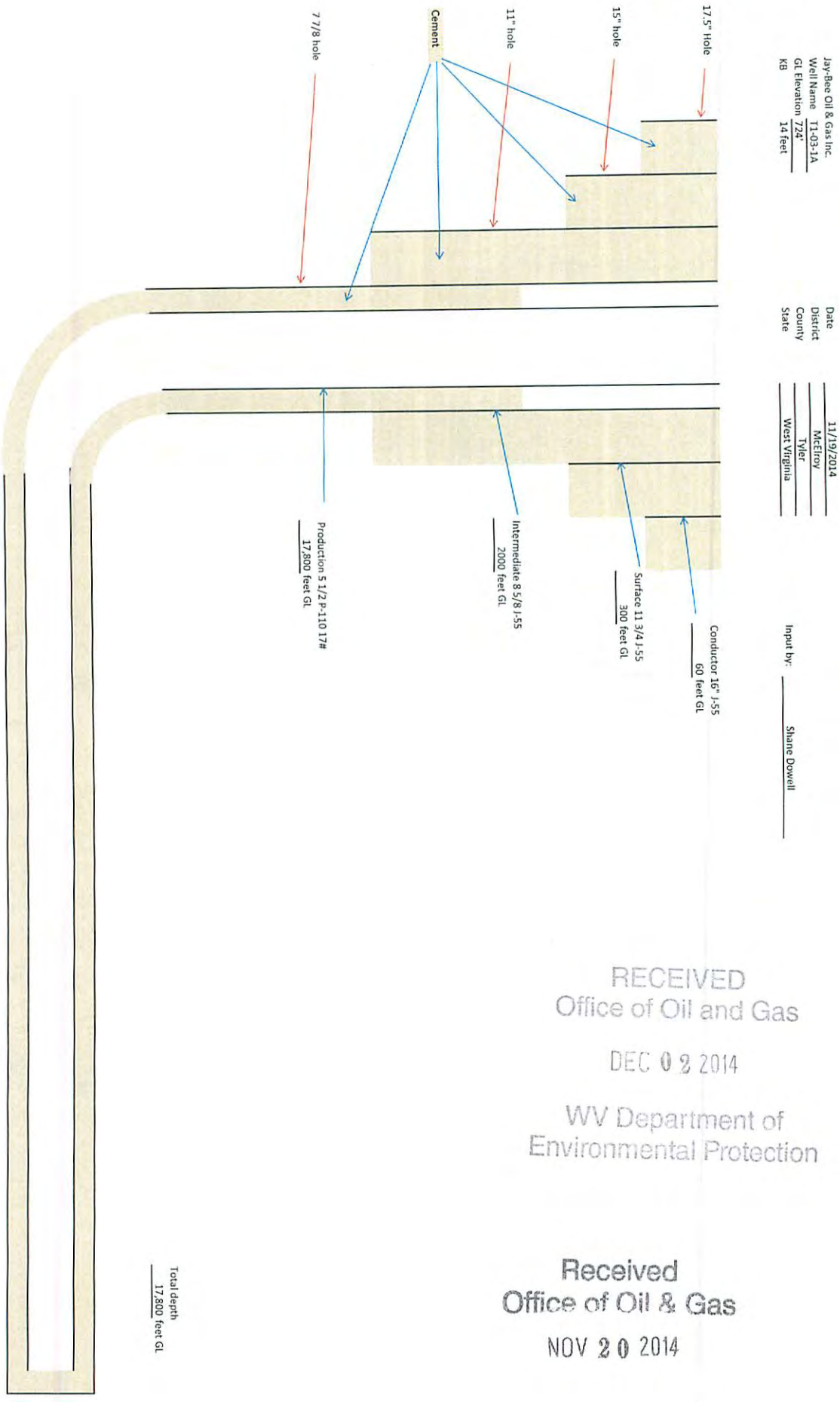
15" hole for the 11 3/4 fresh water case, Class A Cement, 2% Calcium Chloride, 1/4# flake.
11" hole for the 8 5/8 intermediate base, Class A Cement, 2% Calcium Chloride
7 7/8" hole for the 5 1/2 production case, Type 1 Cement, Fly Ash, Barite, Finetol 300L, R-3 Celio Flake, Sugar, CD-32, FL-62

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



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WW-9
(9/13)

API Number 47 - 095 02223
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 Name Jay-Bee Oil & Gas, Inc OP Code 24610

Watershed (HUC 10) Big Run Creek Quadrangle Shirley 7.5

Elevation 723.6' County Tyler District McElroy

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☑ No ☐

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☑ If so, what ml.? _____

MAG
11/19/14

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application
■ Underground Injection (UIC Permit Number 47-085-09721)
_____ Reuse (at API Number _____)
_____ Off Site Disposal (Supply form WW-9 for disposal location)
■ Other (Explain Using Contract Haulers Norte/CES (API'S 47-085-05151)

Will closed loop system be used? If so, describe: Yes, Centrifuge System (Boss, Newalta) for Top Hole and Directional Drilling

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Air Vertical/Water Based Horizontal

-If oil based, what type? Synthetic, petroleum, etc. Brine Base Drilling Mud on horizontal

Additives to be used in drilling medium? Bentonite, Salt, Soda Ash

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Hauled to Landfill

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) Landfill

-Landfill or offsite name/permit number? Meadowfill/Permit 101219WV

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I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto 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 or imprisonment.

Received
Office of Oil & Gas
NOV 20 2014

Company Official Signature _____

Company Official (Typed Name) Shane Dowell

Company Official Title Office Manager

Subscribed and sworn before me this 19th day of November, 20 14

Teresa R. Hall
Notary Public

My commission expires October 9th 2019

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

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

09502223

Form WW-9

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

Jay-Bee Oil & Gas, Inc

Proposed Revegetation Treatment: Acres Disturbed 3.3 Prevegetation pH _____

Lime 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount 750 lbs/acre

Mulch Hay 2000 Tons/acre

Seed Mixtures

Temporary		Permanent	
Seed Type	lbs/acre	Seed Type	lbs/acre
Annual Ryegrass	40	KY-31	20
		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.

Plan Approved by: Michael Hoff

Comments: Preseed & mulch any disturbed areas. Upgrade & maintain E-n-s as necessary. All berms to be reconstructed and maintained during (drilling to completion) of Well. Impervious liner / containment under equipment while on site.

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Title: Oil & Gas Inspector Date: 11/19/2014

Field Reviewed? (✓) Yes ( ) No

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Environmental Protection

09502223

T1-03-1A

WELL SITE SAFETY PLAN

Michael Goff
11/19/2014

JAY-BEE OIL & GAS, INC

NOVEMBER 19, 2014

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Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

95-02223

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

95-02223

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)
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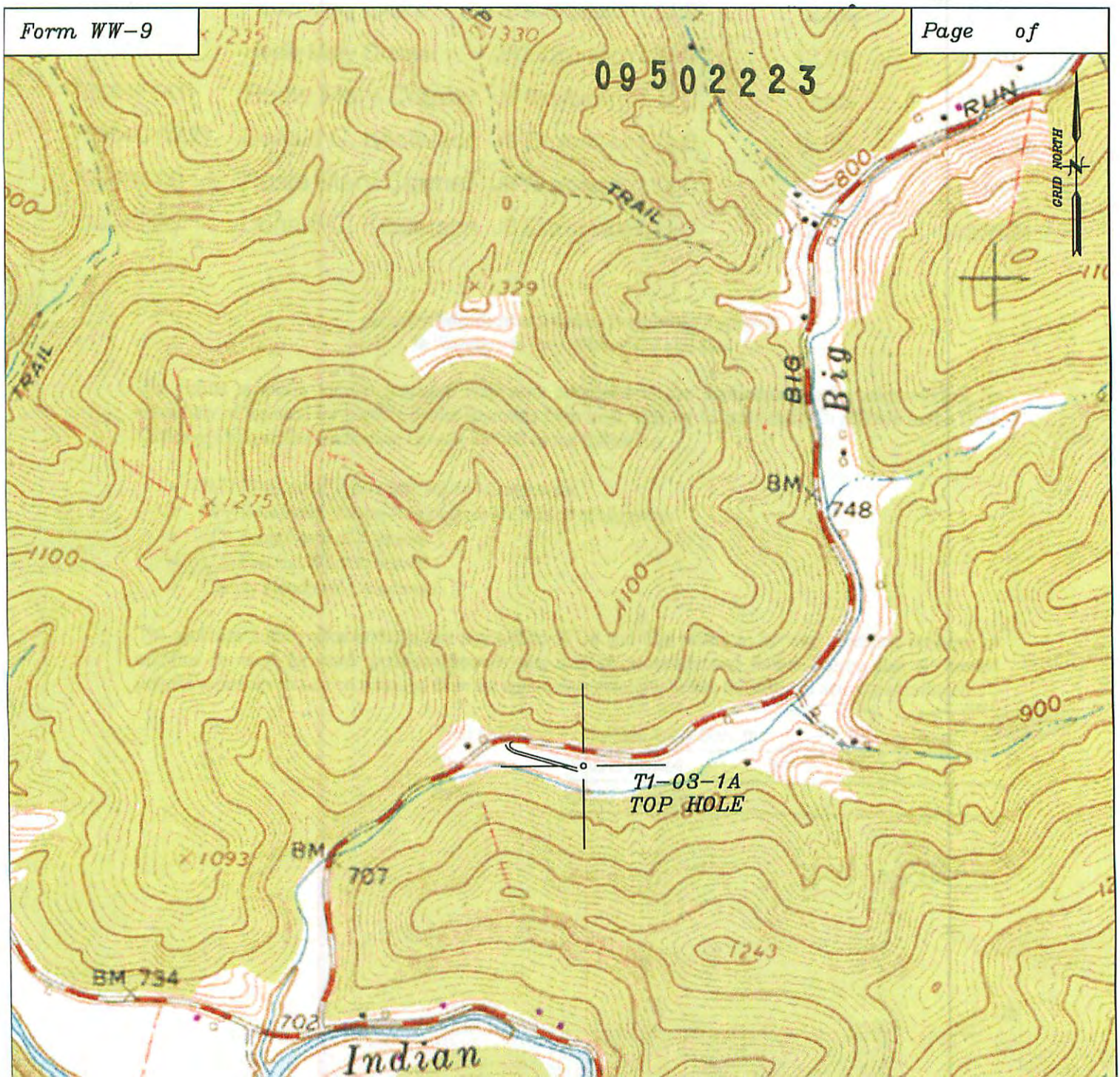
(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or

Form WW-9 Page of



95-02223

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)
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(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

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

Acknowledgement of Possible Permitting/Approval
In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Jay-Bee Oil & Gas, Inc
By: Shane Dowell
Its: Office Manager

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

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, to-wit:

Randy Broda, President of Jay-Bee Oil & Gas, Inc. and Randy Broda, 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 31st day of July, 2015 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf of the corporation.

My commission expires: October 9th 2019.

Teresa R. Hall
NOTARY PUBLIC

Randy Broda, President of Jay-Bee Production Company

Taken, subscribed and sworn to before me, the undersigned Notary Public, this 31st day of July, 2015 by Randy Broda, President of Jay-Bee Production Company, on behalf of the company.

My commission expires: October 9th 2019.

Teresa R. Hall
NOTARY PUBLIC

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

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

STATE OF WEST VIRGINIA

COUNTY OF RITCHIE, to-wit:

Randy Broda, President of Jay-Bee Oil & Gas, Inc. and Randy Broda, Managing Member of JB Exploration I, LLC, being duly sworn, state as follows:

1. I, Randy Broda, am the President of the applicant, Jay-Bee Oil & Gas, Inc. In my capacity as President, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of the applicant.

2. I, Randy Broda, am the Managing Member of JB Exploration I, LLC, which holds the rights to extract, produce or market the oil or gas. In my capacity as Managing Member, I am qualified and authorized to certify and verify the information set forth or referenced herein on behalf of JB Exploration I, LLC.

3. We certify that we are authorized by the holders of the right to extract, produce or market the oil or gas, if not the applicant, to state that the applicant has the right to extract, produce or market the oil or gas pursuant to the leasing and other continuing contract information provided in the application(s) for well 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 31st day of July, 2015 by Randy Broda, President of Jay-Bee Oil & Gas, Inc., on behalf of the corporation.

My commission expires: October 9th 2019.

Teresa R. Hall
NOTARY PUBLIC

Randy Broda, Managing Member of JB Exploration I, LLC

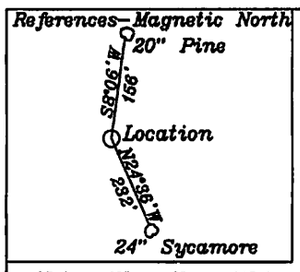
Taken, subscribed and sworn to before me, the undersigned Notary Public, this 31st day of July, 2015 by Randy Broda, Managing Member of JB Exploration I, LLC, on behalf of the company.

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

Teresa R. Hall
NOTARY PUBLIC

FORM WW-6



Top Hole 3026'

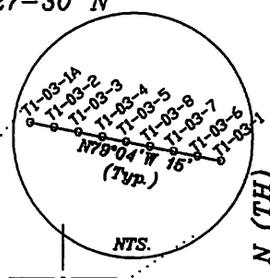
Bottom Hole 8,376'
LATITUDE 39-27-30 N

Top Hole 3495'

LONGITUDE 80-47-30 N (TH)
LONGITUDE 80-45-00 N (BH)
Bottom Hole 10,021'

Top Hole	
NAD 27-39.448619 N, 80.802205 W	
UTM NAD83(meters)-4366589.8 N. 517033.6 E	
State Plane NAD 27-348171.6 N, 1632276.4 E	
LP1-Landing Point 1	
NAD 27-39.445878 N, 80.803435 W	
UTM NAD83(meters)-4366285.4 N. 516928.5 E	
State Plane NAD 27-347178 N, 1631915 E	
Bottom Hole	
NAD 27-39.430500 N, 80.779158 W	
UTM NAD83(meters)-4364583.6 N. 519021.6 E	
State Plane NAD 27-341479 N, 1638690 E	

NUMBER	DIRECTION	DISTANCE
L1	S20°01'W	1057'



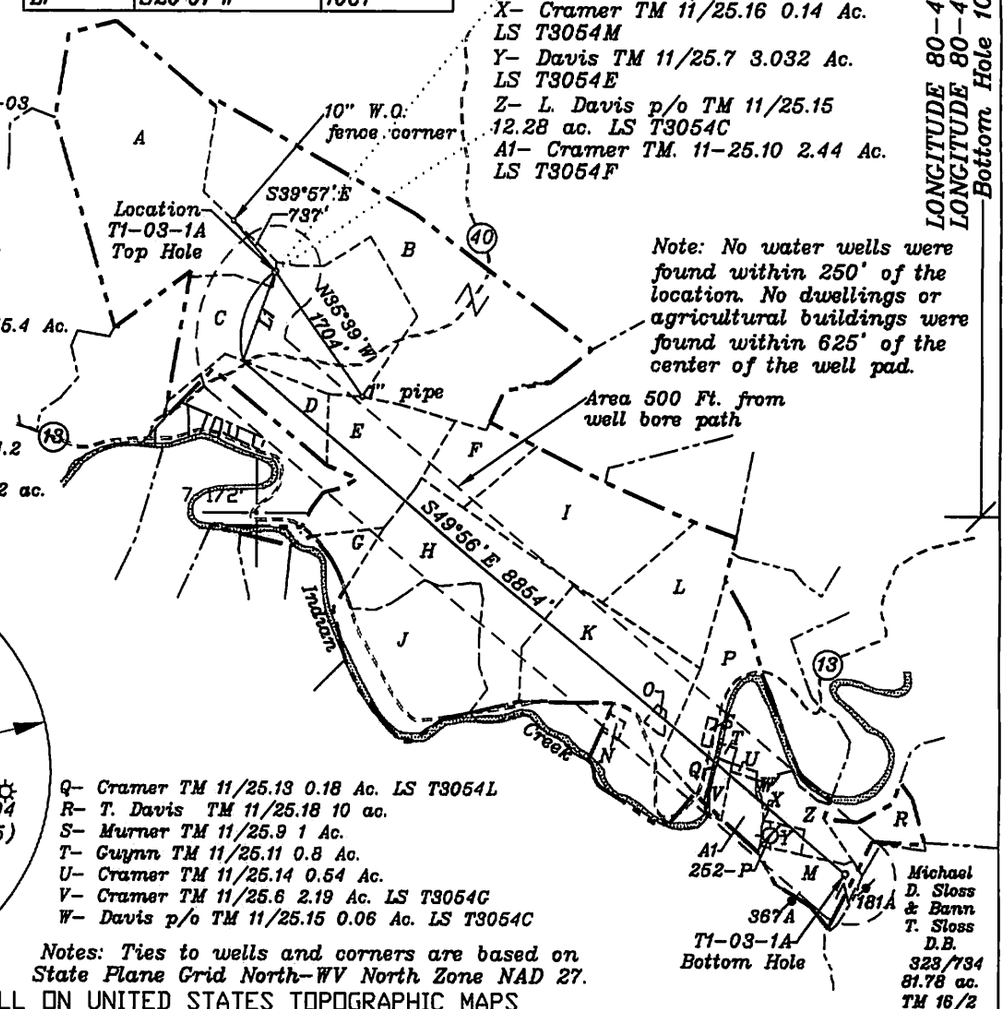
7 1/2'

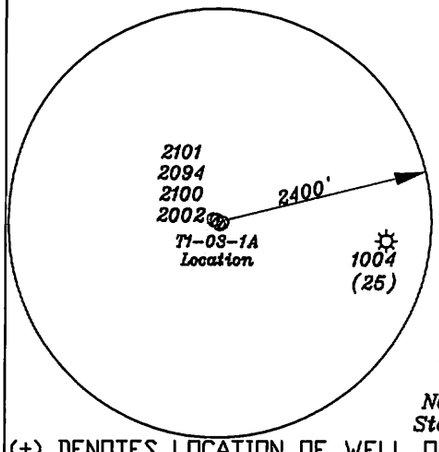
Note: All wells within 500' of the horizontal leg are shown on this plat based upon information taken from DEP mapping, well plats & aerial photos.

A- Hoover TM.5-15 112.25 Ac. LS T1-03
B- Nichols TM.11-49 113.71 Ac.
C- Lisby TM.10-4 80 Ac. LS T1-03
D- Boyd p/o TM.10/12 10.25 Ac. LS W668D
E- Boyd p/o TM.10/12 35 ac, LS W668E
F- Spencer TM.11-48 18.25 Ac.
G- Boyd TM. 10/14.1 2.5 ac.
H- Stanley TM.11-47.2 50.26 Ac. LS FoutT30B
I- Gatrell TM.11-12 47 Ac.
J- Rickets TM 11/47 48.438 ac.
K- Thomas & Yeater TM.11-24 55.4 Ac. LS FoutT30A
L- Goddard TM.11-11 25 Ac.
M- Yeater TM 11/25.12 13.75 ac. LS T3054B
N- Thomas TM 11/24.1 0.99 ac.
O- Thomas & McCrobie TM 11/24.2 1.21 ac.
P- Guynn et al TM 11/25 49.732 ac. LS T3054A

X- Cramer TM 11/25.16 0.14 Ac. LS T3054M
Y- Davis TM 11/25.7 3.032 Ac. LS T3054E
Z- L. Davis p/o TM 11/25.15 12.28 ac. LS T3054C
A1- Cramer TM. 11-25.10 2.44 Ac. LS T3054F

Note: No water wells were found within 250' of the location. No dwellings or agricultural buildings were found within 625' of the center of the well pad.





Q- Cramer TM 11/25.13 0.18 Ac. LS T3054L
R- T. Davis TM 11/25.18 10 ac.
S- Murner TM 11/25.9 1 Ac.
T- Guynn TM 11/25.11 0.8 Ac.
U- Cramer TM 11/25.14 0.54 Ac.
V- Cramer TM 11/25.6 2.19 Ac. LS T3054C
W- Davis p/o TM 11/25.15 0.06 Ac. LS T3054C

Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

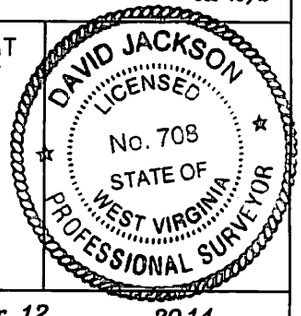
(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L Jackson

R.P.E. _____ P.L.S. 708



STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE November 12, 2014
OPERATOR'S WELL NO. T1-03-1A
API WELL NO.
47 — 095 — 02223 H6A
STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

LOCATION: ELEVATION 723.6' WATER SHED Big Run
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Shirley 7 1/2'
SURFACE OWNER Edsel Hoover Jr. et al ACREAGE 112.25 ac.
OIL & GAS ROYALTY OWNER Darrell D. Wright LEASE ACREAGE 396.654 ac
LEASE NO. see ownership list above for lease numbers

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD 6900'; TMD 17800'
WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

FORM WW-6

API 47-095-02223

Top Hole 3026'
Bottom Hole 8,376'
LATITUDE 39-27-30 N

Top Hole 3495'
LONGITUDE 80-47-30 N (TH)
LONGITUDE 80-45-00 N (BH)
Bottom Hole 10,021'

References-Magnetic North
20" Pine
S8°06' W 156'
Location
N24°36' W 232'
24" Sycamore

Top Hole
NAD 27-39.448619 N, 80.802205 W
UTM NAD83(meters)-4366589.8 N. 517033.6 E
State Plane NAD 27-348171.6 N, 1632276.4 E

LP1-Landing Point 1
NAD 27-39.445878 N, 80.803435 W
UTM NAD83(meters)-4366285.4 N. 516928.5 E
State Plane NAD 27-347178 N, 1631915 E

Bottom Hole
NAD 27-39.430500 N, 80.779158 W
UTM NAD83(meters)-4364583.6 N. 519021.6 E
State Plane NAD 27-341479 N, 1638690 E

NUMBER	DIRECTION	DISTANCE
L1	S20°01'W	1057'

T1-03-1A T1-03-2 T1-03-3 T1-03-4 T1-03-5 T1-03-8 T1-03-7 T1-03-6 T1-03-9
N79°04' W 15' (Typ.)
NTS.

7 1/2'

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

A- Hoover TM.5-15 112.25 Ac. LS T1-03
B- Nichols TM.11-49 113.71 Ac.
C- Lisby TM.10-4 80 Ac. LS T1-03
D- Boyd p/o TM.10/12 10.25 Ac. LS W668D
E- Boyd p/o TM.10/12 35 ac, LS W668E
F- Spencer TM.11-48 18.25 Ac.
G- Boyd TM. 10/14.1 2.5 ac.
H- Stanley TM.11-47.2 50.26 Ac. LS FoudT30B
I- Gatrell TM.11-12 47 Ac.
J- Rickets TM 11/47 48.438 ac.
K- Thomas & Yeater TM.11-24 55.4 Ac. LS FoudT30A
L- Goddard TM.11-11 25 Ac.
M- Yeater TM 11/25.12 13.75 ac. LS T3054B
N- Thomas TM 11/24.1 0.99 ac.
O- Thomas & McCrobie TM 11/24.2 1.21 ac.
P- Guynn et al TM 11/25 49.732 ac. LS T3054A

X- Cramer TM 11/25.16 0.14 Ac. LS T3054M
Y- Davis TM 11/25.7 3.032 Ac. LS T3054E
Z- L. Davis p/o TM 11/25.15 12.28 ac. LS T3054C
A1- Cramer TM. 11-25.10 2.44 Ac. LS T3054F

10" W.O. fence corner
Location T1-03-1A Top Hole
S39°57' E 737'
N35°39' W 1704'
1" pipe
S49°56' E 8854'
Indian Creek
7 1/2'

Note: No water wells were found within 250' of the location. No dwellings or agricultural buildings were found within 625' of the center of the well pad.

Area 500 Ft. from well bore path

2101
2094
2100
2002
2400'
T1-03-1A Location
1004 (25)

Q- Cramer TM 11/25.13 0.18 Ac. LS T3054L
R- T. Davis TM 11/25.18 10 ac.
S- Murner TM 11/25.9 1 Ac.
T- Guynn TM 11/25.11 0.8 Ac.
U- Cramer TM 11/25.14 0.54 Ac.
V- Cramer TM 11/25.6 2.19 Ac. LS T3054G
W- Davis p/o TM 11/25.15 0.06 Ac. LS T3054C

A1 252-P
367A
181A
T1-03-1A Bottom Hole
Michael D. Sloss & Bann T. Sloss D.B. 323/734 81.78 ac. TM 16/2

Notes: Ties to wells and corners are based on State Plane Grid North-WV North Zone NAD 27.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO.
DRAWING NO. 1
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION GPS
submeter unit

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE RULES ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

(SIGNED) David L Jackson
R.P.E. _____ P.L.S. 708

DAVID JACKSON LICENSED No. 708 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

STATE OF WEST VIRGINIA
Division of Environmental Protection
OFFICE OF OIL AND GAS

DATE November 12, 2014
OPERATOR'S WELL NO. T1-03-1A
API WELL NO.

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X

47 — 095 — 02223 H6A
STATE COUNTY PERMIT

LOCATION: ELEVATION 723.6' WATER SHED Big Run
DISTRICT McElroy COUNTY Tyler
QUADRANGLE Shirley 7 1/2'
SURFACE OWNER Edsel Hoover Jr. et al ACREAGE 112.25 ac.
OIL & GAS ROYALTY OWNER Darrell D. Wright LEASE ACREAGE 396.654 ac
LEASE NO. see ownership list above for lease numbers

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION X OTHER PHYSICAL CHANGE IN WELL (SPECIFY) ___

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___

TARGET FORMATION Marcellus ESTIMATED DEPTH TVD 6900'; TMD 17800'
WELL OPERATOR Jay Bee Oil & Gas, Inc. DESIGNATED AGENT Randy Broda
ADDRESS 1720 Rt. 22, East Union, NJ 07083 ADDRESS 3570 Shields Hill Rd., Cairo, WV 26337

09502223

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 and Gas
DEC 02 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

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

WW-6AC
(1/12)

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

09502223

Date of Notice Certification: 12/01/2014

API No. 47- _____ - _____
Operator's Well No. T1-03-1A
Well Pad Name: T1-03

Notice has been given:
Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	West Virginia	UTM NAD 83 Easting:	517033.6
County:	Tyler	Northing:	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		

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following: *PLEASE CHECK ALL THAT APPLY	OOG OFFICE USE ONLY
☐ 1. NOTICE OF SEISMIC ACTIVITY or ☒ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	☐ RECEIVED/ NOT REQUIRED
☒ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐ NO PLAT SURVEY WAS CONDUCTED	☐ RECEIVED
☐ 3. NOTICE OF INTENT TO DRILL or ☒ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or ☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)	☐ RECEIVED/ NOT REQUIRED
☒ 4. NOTICE OF PLANNED OPERATION	☐ RECEIVED
☒ 5. PUBLIC NOTICE	☐ RECEIVED
☒ 6. NOTICE OF APPLICATION	☐ RECEIVED

Required Attachments:
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West 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.

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6AC
(1/12)

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

09502223

Date of Notice Certification: 11/19/2014

API No. 47- _____ - _____
Operator's Well No. T1-03-1A
Well Pad Name: T1-03

Notice has been given:
Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

State:	West Virginia	UTM NAD 83 Easting:	517033.6
County:	Tyler	Northing:	4366589.8
District:	McElroy	Public Road Access:	Big Run Rd (CR40)
Quadrangle:	Shirley 7.5	Generally used farm name:	Edsel Hoover Jr. et al
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☐ 1. NOTICE OF SEISMIC ACTIVITY or ☑ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED	☐ RECEIVED/ NOT REQUIRED
☑ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐ NO PLAT SURVEY WAS CONDUCTED	☐ RECEIVED
☐ 3. NOTICE OF INTENT TO DRILL or ☑ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or ☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)	☐ RECEIVED/ NOT REQUIRED
☑ 4. NOTICE OF PLANNED OPERATION	☐ RECEIVED
☑ 5. PUBLIC NOTICE	☐ RECEIVED
☑ 6. NOTICE OF APPLICATION	☐ RECEIVED

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RECEIVED
Office of Oil and Gas
DEC 03 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6AC
(1/12)

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:	Jay-Bee Oil & Gas, Inc	Address:	3570 Shields Hill Rd
By:	Shane Dowell		Cairo, WV 26337
Its:	Office Manager	Facsimile:	(304) 629-3119
Telephone:	304-628-3111	Email:	sdowell@jaybeeoil.com

NOTARY SEAL 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 November.

Teresa R. Hall 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 & Gas
NOV 20 2014

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6A
(9-13)

API NO. 47- 095 02223
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:** 12-1-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☑ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☒ Application Notice ☒ WSSP Notice ☒ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159
Name:
Address:

☑ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of Environmental Protection

WW-6A
(9-13)

API NO. 47- 095 02223
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:** 11-19-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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☑ REGISTERED MAIL

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Name:
Address:

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Address: 123 E. Adams St
Paden City, WV 26159
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

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Office of Oil and Gas
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WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6A
(8-13)

API NO. 47- 095 02223
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.

Teresa R. Hall Notary Public

My Commission Expires October 9th 2019

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Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

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Office of Oil & Gas
NOV 20 2014

WW-6A
(9-13)

API NO. 47- 095 02223
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:** 12-1-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE

☑ REGISTERED MAIL

☑ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
Name:
Address:

☑ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

*Please attach additional forms if necessary

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WV Department of Environmental Protection

WW-6A
(9-13)

API NO. 47- 095 02223
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:** 11-19-2014

Notice of:

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☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
Name:
Address:

☑ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

*Please attach additional forms if necessary

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WV Department of
Environmental Protection

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Office of Oil & Gas
NOV 20 2014

WW-6A
(8-13)

API NO. 47- 095 02223
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.

Teresa R. Hall Notary Public

My Commission Expires October 9th 2019

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Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6A
(9-13)

API NO. 47- 09502223
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:** 12-1-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☑ SURFACE OWNER(s)
Name: Donald & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320
Name:
Address:

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name:
Address:
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Donald & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of Environmental Protection

095 02223

WW-6A
(9-13)

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

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Name: _____
Address: _____

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Name: _____
Address: _____
Name: _____
Address: _____

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Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

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Address: 882 Big Run Rd.
Alma, WV 26320

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Name: _____
Address: _____

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RECEIVED
Office of Oil & Gas
DEC 03 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6A
(8-13)

095 02223
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Teresa R. Hall Notary Public

My Commission Expires October 9th 2019

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Office of Oil & Gas
NOV 20 2014

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(9-13)

API NO. 47- 095 02223
OPERATOR WELL NO. T1-03-1A
Well Pad Name: T1-03

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
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Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☑ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____
_____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Jack F. & Roberta A. Starcher
Address: HC62 Box 21
Alma WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
_____

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

09502223

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 than the **filing date of permit application.**

Date of Notice: 11-19-2014 **Date Permit Application Filed:** 11-19-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☑ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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Address: _____
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Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

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Name: Jack F. & Roberta A. Starcher
Address: HC62 Box 21
Alma, WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
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*Please attach additional forms if necessary

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DEC 02 2014
WV Department of
Environmental Protection

WW-6A
(8-13)

API NO. 47- 095 02223
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.

Teresa R. Hall Notary Public

My Commission Expires October 9th 2019

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6A
(9-13)

API NO. 47- 095 02223
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:** 12-1-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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Name: _____
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Name: _____
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Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____
_____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Mark L. & Mitchell Nichols
Address: 23 Big Run Rd.
Alma WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
_____

*Please attach additional forms if necessary

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Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6A
(9-13)

095022223
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
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Date of Notice: 11-19-2014 **Date Permit Application Filed:** 11-19-2014

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Address: _____
_____

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Address: _____
_____

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Address: _____
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Alma, WV 26320

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Address: _____

*Please attach additional forms if necessary

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DEC 03 2014
WV Department of
Environmental Protection

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Office of Oil & Gas
NOV 20 2014

WW-6A
(8-13)

API NO. 47- 095 02223
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.

Teresa R. Hall Notary Public

My Commission Expires October 9th 2019

RECEIVED
Office of Oil and Gas
DEC 03 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

WW-6A
(9-13)

API NO. 47- 095 - 02223
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:** 12-1-2014

Notice of:

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Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: William G. Wright
Address: 1169 Indian Creek Rd.
Alma WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
_____

*Please attach additional forms if necessary

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API NO. 47- 095 02223
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Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☐ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
_____
Name: _____
Address: _____
_____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____
_____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Arthur T. & Lois J. Bloom
Address: 193 Gentech Ridge
Wellsburg WV 26070

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
_____

*Please attach additional forms if necessary

RECEIVED
Office of Oil and Gas
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WV Department of
Environmental Protection

WW-6A
(9-13)

API NO. 047-095-02223
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:** 11-19-2014

Notice of:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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Address: _____
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WV Department of
Environmental Protection

WW-6A
(8-13)

API NO. 47- 095 02223
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.

Teresa R. Hall Notary Public

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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:

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)

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Address: _____
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Name: _____
Address: _____
_____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____
_____

☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Mark & Sherry Frey
Address: HC62 Box 40 E
Alma WV 26320

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____
_____

*Please attach additional forms if necessary

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DEC 02 2014
WV Department of
Environmental Protection

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

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API NO. 47- 095 02223
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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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.

Teresa R. Hall Notary Public

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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
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☐ COAL OPERATOR
Name: _____
Address: _____
_____

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Edward W. Jr. & Mary Frances
Address: 22nd St. EXT
Wellsburg WV 26070

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Name: _____
Address: _____
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WV Department of
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Office of Oil & Gas
NOV 20 2014

Topo Water Well Reference

Reference	Map	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	40	Edward W. Jr. & Mary	Frances	22nd St. EXT	Wellsburg	WV	26070

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Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

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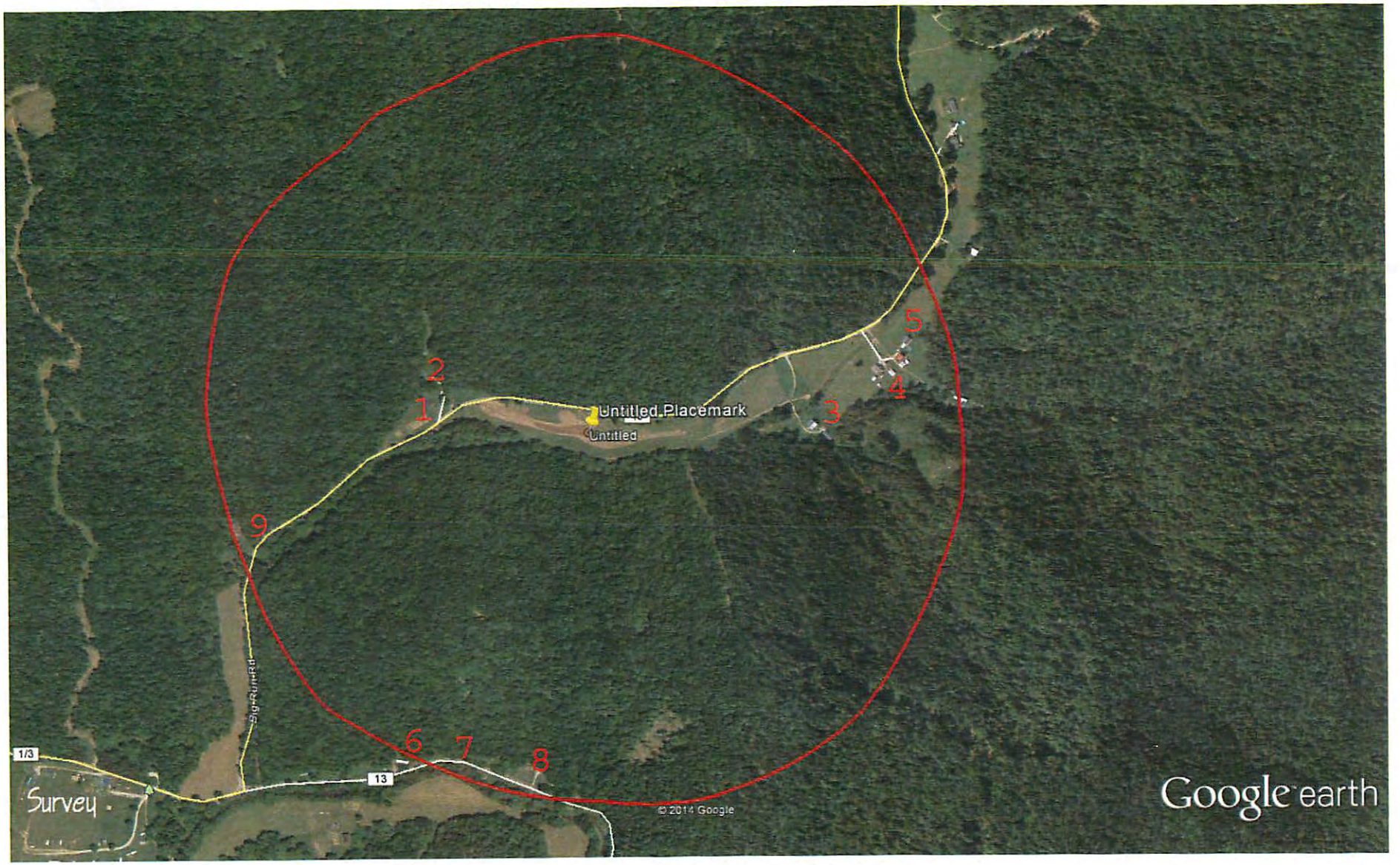

Google earth

feet 4000
km 1

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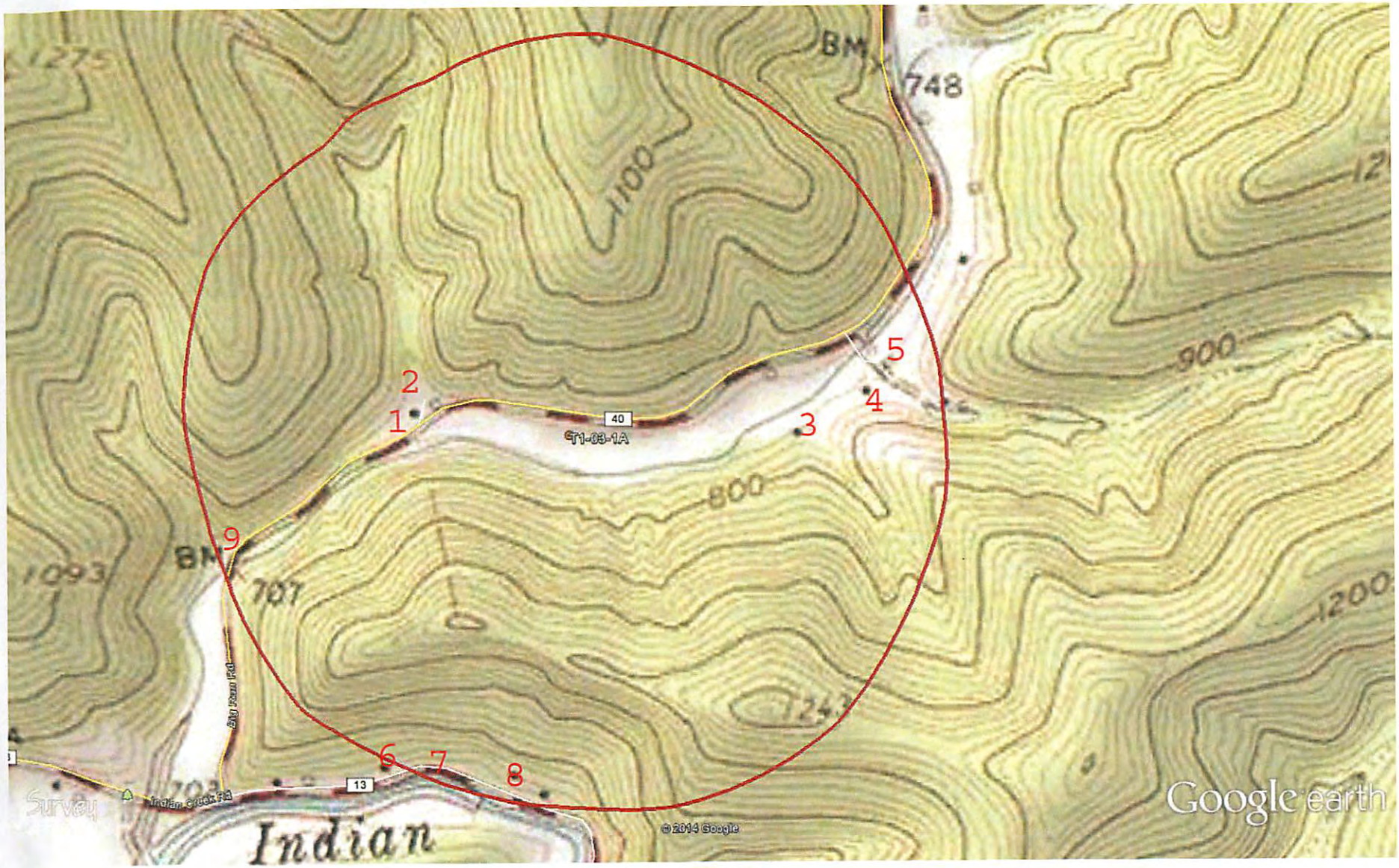

Google earth

feet 4000
km 1

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09502223

WW-2B1 Well No. T1-03-1A

West Virginia Department of Environmental Protection
Office of Oil and Gas

NOTICE TO SURFACE OWNERS

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

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

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

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

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

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

_____ Contractor Name Reliance Laboratories
X Well operator's private laboratory

Well Operator Jay-Bee Oil & Gas, INC
Address 3570 Shields Hill Rd / 1720 Route 22 East
Cairo, WV 26337 / Union, NJ 07083
Telephone 304-628-3111

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

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WW-6A3
(1/12)

Operator Well No. T1-03-1A

095022223

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 11-12-2014 **Date of Planned Entry:** 11-19-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☒ MINERAL OWNER(s)
Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159
*please attach additional forms if necessary

Received
Office of Oil & Gas
NOV 20 2014

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State: West Virginia
County: Tyler
District: McElroy
Quadrangle: Shirley 7.5
Approx. Latitude & Longitude: 4,366,590.14 x 517,033.55
Public Road Access: Big Run Rd (CR40)
Watershed: Big Run Creek
Generally used farm name: Edsel Hoover Jr. et al

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby 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.

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WV Department of
Environmental Protection

WW-6A3
(1/12)

Operator Well No. T1-03-1A

09502223

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 11-12-2014 **Date of Planned Entry:** 11-19-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☒ MINERAL OWNER(s)
Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320
*please attach additional forms if necessary

Received
Office of Oil & Gas
NOV 20 2014

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	West Virginia	Approx. Latitude & Longitude:	4,366,590.14 x 517,033.55
County:	Tyler	Public Road Access:	Big Run Rd (CR40)
District:	McElroy	Watershed:	Big Run Creek
Quadrangle:	Shirley 7.5	Generally used farm name:	Edsel Hoover Jr. et al

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

RECEIVED
Office of Oil and Gas
DEC 03 2014
WV Department of Environmental Protection

Notice is hereby given by:

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

WW-6A3
(1/12)

Operator Well No. T1-03-1A

09502223

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

Notice Time Requirement: Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

Date of Notice: 11-12-2014 **Date of Planned Entry:** 11-19-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a

☐ PERSONAL SERVICE ☒ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

Notice is hereby provided to:

☒ SURFACE OWNER(s)
Name: Donald & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☒ MINERAL OWNER(s)
Name: Donald & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320
*please attach additional forms if necessary

Received
Office of Oil & Gas
NOV 20 2014

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

State:	West Virginia	Approx. Latitude & Longitude:	4,366,590.14 x 517,033.55
County:	Tyler	Public Road Access:	Big Run Rd (CR40)
District:	McElroy	Watershed:	Big Run Creek
Quadrangle:	Shirley 7.5	Generally used farm name:	Edsel Hoover Jr. et al

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Notice is hereby given by:

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

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Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6A5
(1/12)

Operator Well No. T1-03-1A

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

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:** 12/01/2014

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

09502223

☒ CERTIFIED MAIL
RETURN RECEIPT REQUESTED

☐ HAND
DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Donalyd & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Tyler
District: McElroy
Quadrangle: Shirley 7.5
Watershed: Big Run Creek

UTM NAD 83 Easting: 517033.6
Northing: 4366589.8
Public Road Access: Big Run Rd (CR40)
Generally used farm name: Edsel Hoover Jr. et al

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Jay-Bee Oil & Gas, Inc
Telephone: 304-628-3111
Email: sdowell@jaybeeoil.com

Address: 3570 Shields Hill Rd
Cairo, WV 26337
Facsimile: (304) 629-3119

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RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6A5
(1/12)

Operator Well No. T1-03-1A

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

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

09502223

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Donalyd & Judith Lisby
Address: 882 Big Run Rd.
Alma, WV 26320

Name: _____
Address: _____

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Tyler
District: McElroy
Quadrangle: Shirley 7.5
Watershed: Big Run Creek

UTM NAD 83 Easting: 517033.6
Northing: 4366589.8
Public Road Access: Big Run Rd (CR40)
Generally used farm name: Edsel Hoover Jr. et al

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Operator: Jay-Bee Oil & Gas, Inc
Telephone: 304-628-3111
Email: sdowell@jaybeeoil.com

Address: 3570 Shields Hill Rd
Cairo, WV 26337
Facsimile: (304) 629-3119

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Environmental Protection

WW-6A5
(1/12)

Operator Well No. T1-03-1A

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

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:** 12/01/2014

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320

Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Tyler
District: McElroy
Quadrangle: Shirley 7.5
Watershed: Big Run Creek

UTM NAD 83 Easting: 517033.6
Northing: 4366589.8
Public Road Access: Big Run Rd (CR40)
Generally used farm name: Edsel Hoover Jr. et al

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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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WW-6A5
(1/12)

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 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

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

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Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Terry & Teresa Jackson
Address: HC 62 Box 22A
Alma, WV 26320

Name: _____
Address: _____

Notice is hereby given:
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Watershed: Big Run Creek

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Public Road Access: Big Run Rd (CR40)
Generally used farm name: Edsel Hoover Jr. et al

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Telephone: 304-628-3111
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Address: 3570 Shields Hill Rd
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Facsimile: (304) 629-3119

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WV Department of
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WW-6A5
(1/12)

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 Requirement: notice shall be provided no later than the **filing date of permit application.**
Date of Notice: 11/19/2014 **Date Permit Application Filed:** 12/01/2014

Delivery method pursuant to West Virginia Code § 22-6A-16(c)

☒ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

Notice is hereby provided to the SURFACE OWNER(s)
(at the address listed in the records of the sheriff at the time of notice):

Name: Edsel Hoover Jr. ET AL
Address: 123 E. Adams St
Paden City, WV 26159

Name: _____
Address: _____

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

State: West Virginia
County: Tyler
District: McElroy
Quadrangle: Shirley 7.5
Watershed: Big Run Creek

UTM NAD 83 Easting: 517033.6
Northing: 4366589.8
Public Road Access: Big Run Rd (CR40)
Generally used farm name: Edsel Hoover Jr. et al

This Notice Shall Include:
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

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

RECEIVED
Office of Oil and Gas
DEC 02 2014
WV Department of
Environmental Protection

WW-6A5
(1/12)

Operator Well No. T1-03-1A
09502223

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DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
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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.

RECEIVED
Office of Oil and Gas
DEC 03 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 2014

09502223

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

Earl Ray Tomblin
Governor

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

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

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 03 2014
WV Department of
Environmental Protection

Received
Office of Oil & Gas
NOV 20 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).

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 20 2014

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

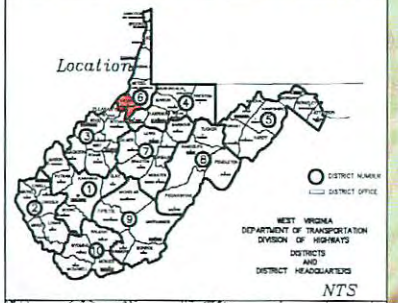
DONALD LISBY AS-BUILT WELL PAD
(T1-03)

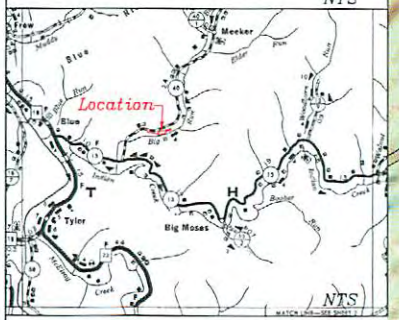
McElroy District, Tyler County, WV
Prepared for JAY BEE OIL & GAS

Date: November 14, 2014

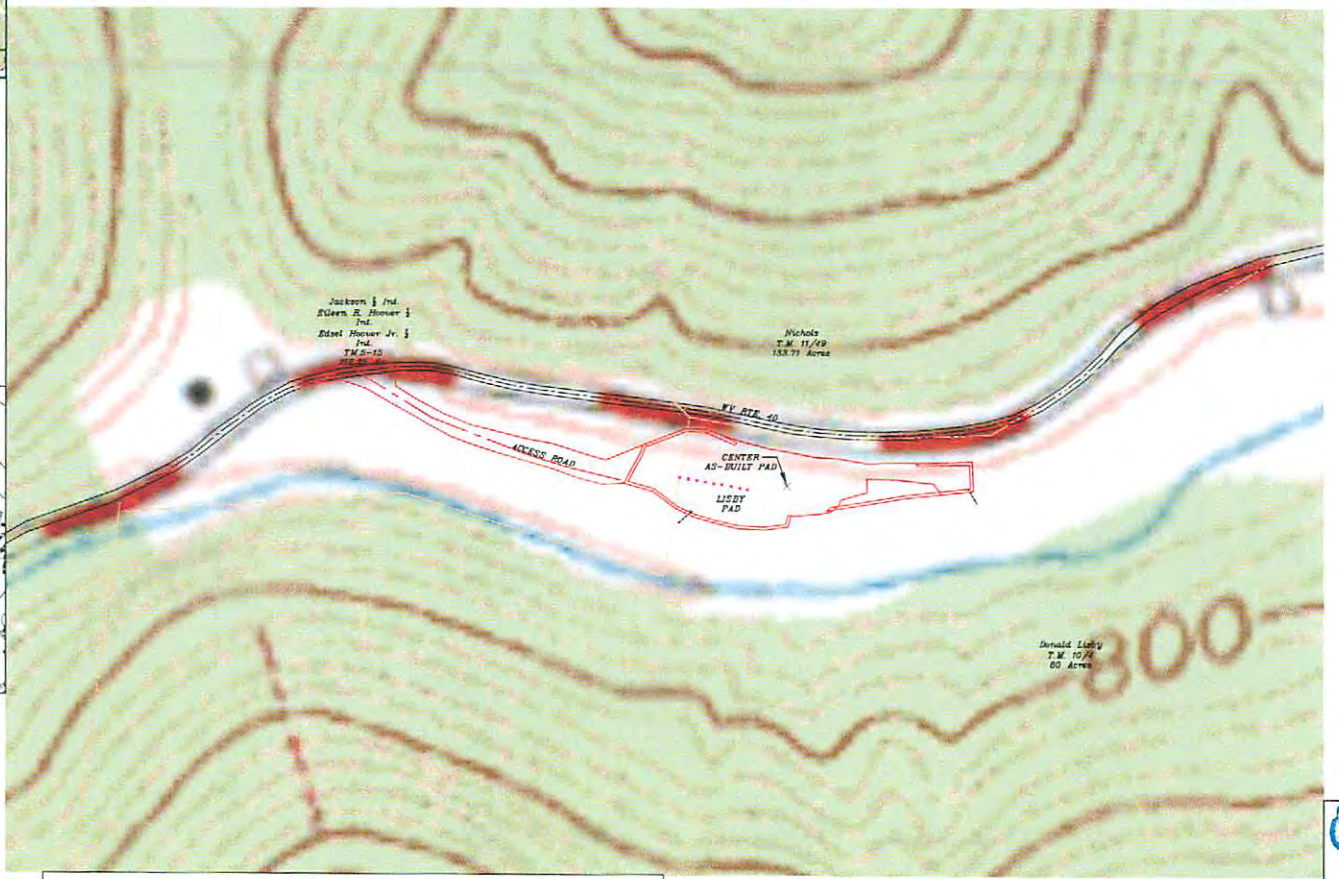
WVDEP OOG ACCEPTED AS-BUILT
8/04/2015

Sheet	Description
1	COVER
2	PAD PLAN
3	ROAD PLAN & PROFILE
4	DETAILS





GRID NORTH
West Virginia State Plane NAD '83 North Zone RTK GPS



0 50' 100' 200'
Scale: 1" = 100'

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.

Jay Bee Oil & Gas DRILLING into the future

WEST VIRGINIA 811
CALL BEFORE YOU DIG!
Dial 811 or 800.245.4848
www.WV811.com

DENNIS L. FISHER REGISTERED No. 8684 STATE OF WEST VIRGINIA PROFESSIONAL ENGINEER

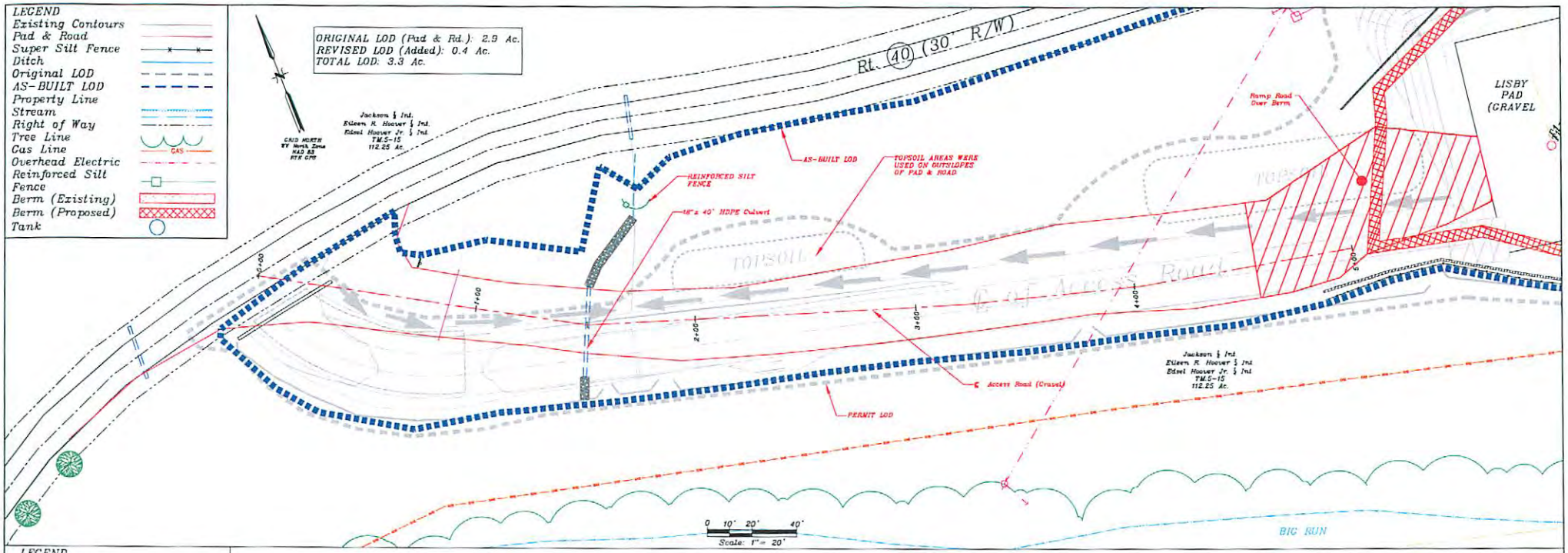
This well pad was designed by Fisher Engineering and constructed by Jay Bee Oil & Gas. This certification is for the as-built survey of the pad and road to show the well location(s), pad geometry, road location, culvert location, drainage features and erosion & sediment control.

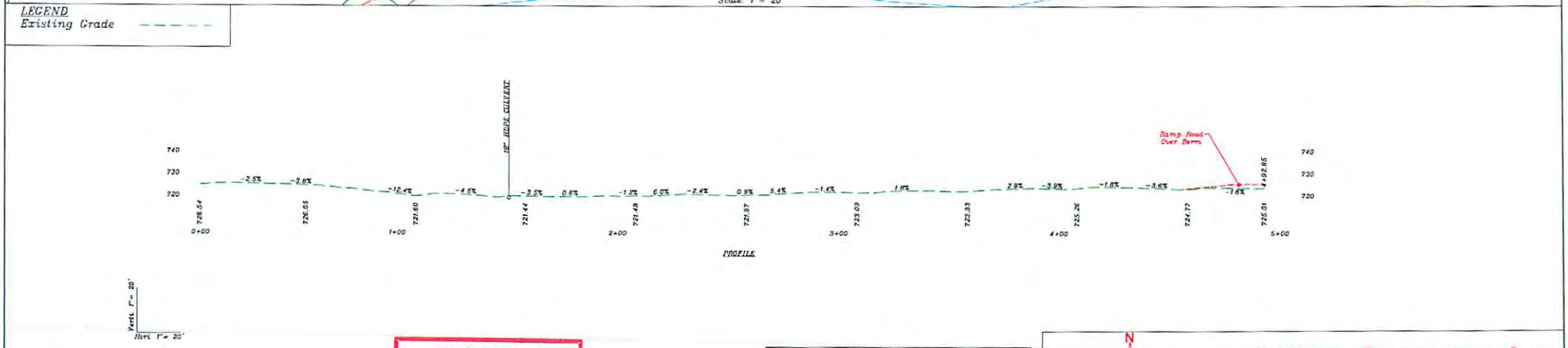
Dennis L. Fisher RPE 8684 — 08/03/15 Date

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

Jackson Surveying Inc.
677 W. Main St.
Clarksburg, WV 26301
304-623-5851

Cover
Sheet 1 of 4
LISBY PAD AS-BUILT





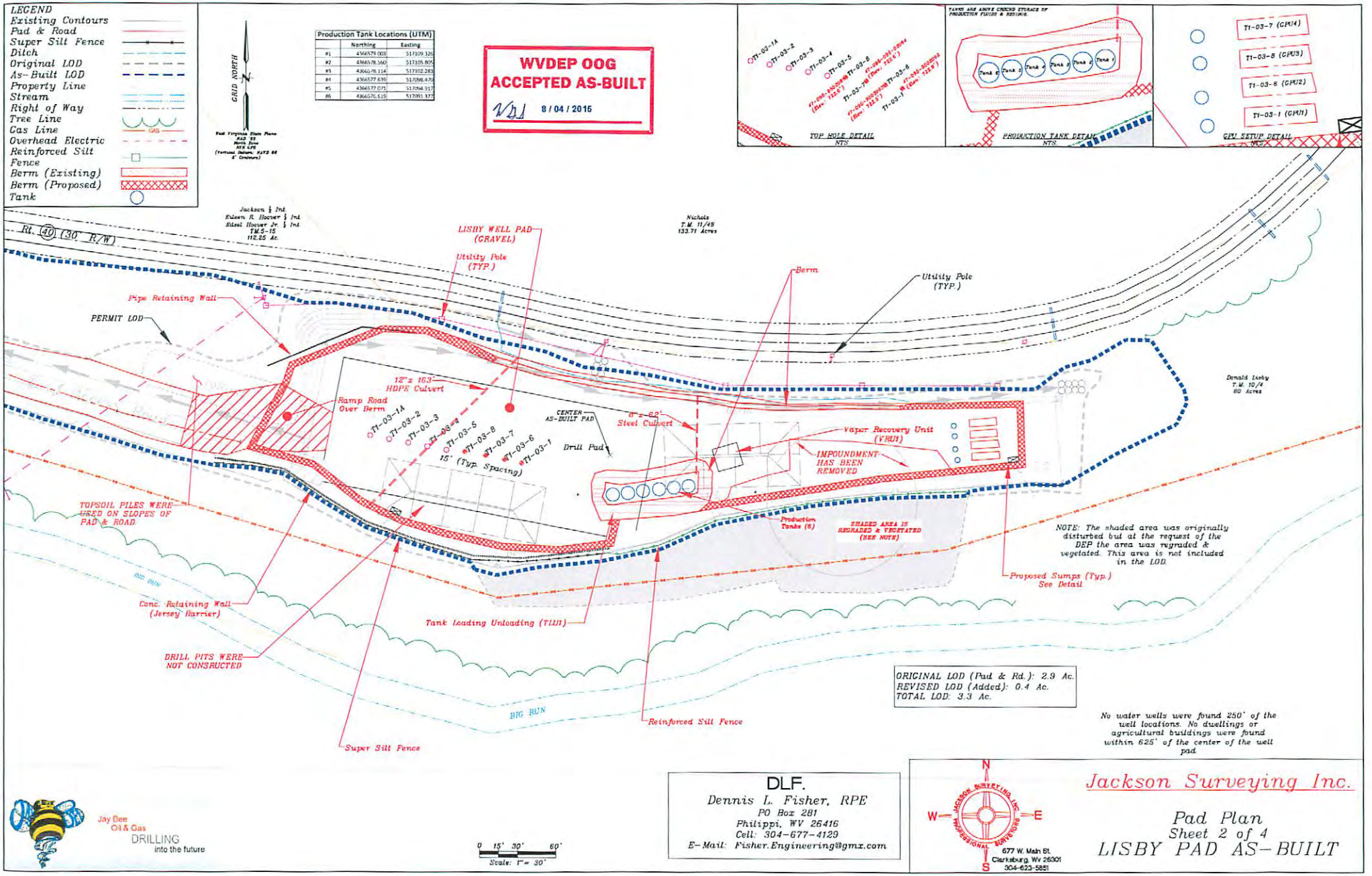
Jay Bee Oil & Gas
DRILLING into the future

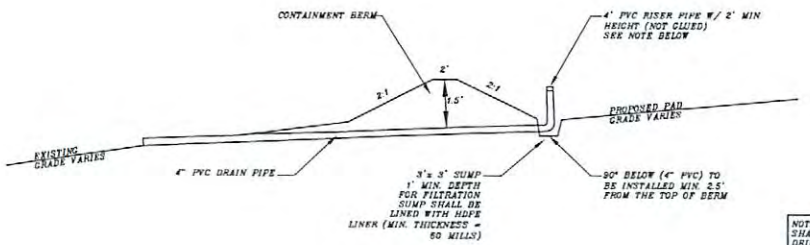
WVDEP OOG ACCEPTED AS-BUILT
8/04/2015

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

Jackson Surveying Inc.
677 W. Main St.
Clarksburg, Wv 26301
304-623-5851

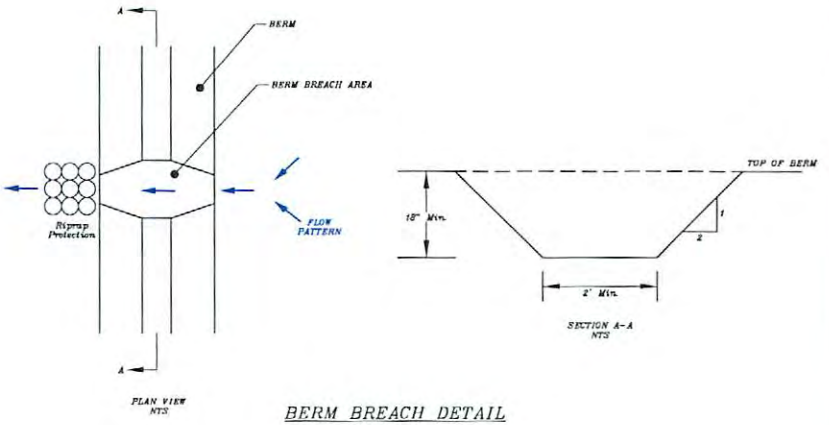
Road Plan & Profile
Sheet 3 of 4
LISBY PAD AS-BUILT


LEGEND
Existing Contours
Pad & Road
Super Silt Fence
Ditch
Original LOD
As-Built LOD
Property Line
Stream
Right of Way
Tree Line
Gas Line
Overhead Electric
Reinforced Silt Fence
Berm (Existing)
Berm (Proposed)
Tank
GRID NORTH
Production Tank Locations (UTM)
Northing
Easting
#1 4366379.003 517109.326
#2 4366378.560 517105.805
#3 4366578.114 517102.285
#4 4366577.670 517098.432
#5 4366577.071 517094.917
#6 4366576.619 517091.377
WVDEP OOG
ACCEPTED AS-BUILT
8/04/2016
TOP HOLE DETAIL
NTS
PRODUCTION TANK DETAIL
NTS
GPU SETUP DETAIL
NTS
T1-03-7 (GPU4)
T1-03-8 (GPU3)
T1-03-6 (GPU2)
T1-03-1 (GPU1)
Jackson & Jnt.
Eileen R. Hoover & Jnt.
Ethel Hoover Jr. & Jnt.
T.M.5-15
112.25 Ac.
Nichols
T.M. 11/48
133.71 Acres
Donald Lisby
T.M. 10/4
80 Acres
Rt. 40 (30' R/W)
LISBY WELL PAD (GRAVEL)
Utility Pole (TYP.)
Berm
Utility Pole (TYP.)
Pipe Retaining Wall
PERMIT LOD
12"x 163' HDPE Culvert
Ramp Road Over Berm
T1-03-1A
T1-03-2
T1-03-3
T1-03-4
T1-03-5
T1-03-8
T1-03-7
T1-03-6
T1-03-1
15' (Typ. Spacing)
CENTER AS-BUILT PAD
Drill Pad
8'x 62' Steel Culvert
Vapor Recovery Unit (VRU1)
IMPOUNDMENT HAS BEEN REMOVED
TOPSOIL PILES WERE USED ON SLOPES OF PAD & ROAD.
Production Tanks (6)
SHADED AREA IS REGRADED & VEGETATED (SEE NOTE)
NOTE: The shaded area was originally disturbed but at the request of the DEP the area was regraded & vegetated. This area is not included in the LOD.
Proposed Sumps (Typ.) See Detail
BIG RUN
Conc. Retaining Wall (Jersey Barrier)
Tank Loading Unloading (TLU1)
DRILL PITS WERE NOT CONSTRUCTED
Reinforced Silt Fence
BIG RUN
Super Silt Fence
ORIGINAL LOD (Pad & Rd.): 2.9 Ac.
REVISED LOD (Added): 0.4 Ac.
TOTAL LOD: 3.3 Ac.
No water wells were found 250' of the well locations. No dwellings or agricultural buildings were found within 625' of the center of the well pad.
Jay Bee Oil & Gas
DRILLING into the future
0 15' 30' 60'
Scale: 1" = 30'
DLF.
Dennis L. Fisher, RPE
PO Box 281
Philippi, WV 26416
Cell: 304-677-4129
E-Mail: Fisher.Engineering@gmx.com
Jackson Surveying Inc.
677 W. Main St.
Clarksburg, Wv 26301
304-623-5851
Pad Plan
Sheet 2 of 4
LISBY PAD AS-BUILT



NOTE: THE SUMP RISER PIPE SHALL BE IN PLACE DURING DRILLING OPERATIONS TO INSURE A ZERO DISCHARGE. IF NO DRILLING ACTIVITY IS CONDUCTED, THE RISER MAY BE REMOVED.

BERM TYPICAL
(NTS)



BERM BREACH DETAIL

PERMANENT SEED CHART

Species/Mixture	Seeding Rate (lbs/acre)	Soil Drainage Preference	pH Range
KY Bluegrass/ Redtop/ Ladino Clover or Birdsfoot Trefoil	20 3 2 /10	Well – Mod. Well	5.5 - 7.5
Timothy/ Alfalfa	5 12	Well – Mod. Well	6.0 - 8.0
Timothy/ Birdsfoot Trefoil	5 5	Well - Poorly	5.5 - 7.5 6
Orchardgrass/ Ladino Clover/ Redtop	10 2 3	Well - Mod. Well	5.5 - 7.5
Orchardgrass/ Ladino Clover	10 2	Well - Mod. Well	5.5 - 7.5
Orchardgrass/ Perennial Ryegrass	20 10	Well - Mod. Well	5.5 - 7.5
Creeping Red Fescue/ Perennial Ryegra	**30 10**	**Well - Mod. Well**	**5.5 - 7.5**
Orchardgrass or Kentucky Bluegrass	20	Well - Mod. Well	6.0 - 7.5
Birdsfoot Trefoil/ Redtop/ Orchardgrass	10 5 20	Well - Mod. Well	5.5 - 7.5
Lathco Flat Pea/ Perennial Ryegrass	**30 20**	**Well - Mod. Well**	**5.5 - 7.5**
Lathco Flat Pea/ Orchardgrass	30 20	Well - Mod. Well	5.5 - 7.5

Table IV-5 **Lime and Fertilizer Application Table**

pH of Soil	Lime in Tons Per Acre	Fertilizer, Lbs. per Acre 10-20-20- or Equivalent
Above 6.0	2	500
5.0 to 6.0	3	500
Below 5.0	4	500

The pH can be determined with a portable pH testing kit or by sending the soil samples to a soil testing laboratory. When 4 tons of lime per acre are applied it must be incorporated into the soil by disking, backblading or tracking up and down the slope.

Table IV-6 **Mulch Materials Rates and Uses**

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

Table IV-1 **Recommended seeding dates** for permanent and temporary cover unless otherwise specified.

Planting Dates	Suitability
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 absence of a soil test.

Species	N (lbs/ac)	P2O5 (lbs/ac)	K2O (lbs/ac)	Example Rec. (per acre)
Cool Season Grass	40	60	80	400 lbs. 10-20-20
CS Grass & Legume	30	60	60	300 lbs. 10-20-20
Temporary Cover	40	40	40	200 lbs. 19-19-19

Table 3 **Temporary cover** suitable for establishment in West Virginia.

Species	Seeding Rate (lbs/acre)	Optimum Seeding Dates	Drainage	pH Range
Annual Ryegrass	40	3/1 - 6/15 or 8/15 - 9/15	Well - Poorly	5.5 - 7.5
Field Bromegrass	40	3/1 - 6/15 or 8/15 - 9/15	Well – Mod. Well	6.0 - 7.0
Spring Oats	86	3/1 - 6/15	Well - Poorly	5.5 - 7.0
Sudangrass	40	5/15 - 8/15	Well - Poorly	5.5 - 7.5
Winter Rye	168	8/15 - 10/15	Well - Poorly	5.5 - 7.5
Winter Wheat	150	8/15 - 11/15	Well – Mod. Wel	5.5 - 7.0
Japanese Millet	30	6/15 - 8/15	Well	4.5 - 7.0
Redtop	5	3/1 - 6/15	Well	4.0 - 7.5
Annual Ryegrass	26	3/1 - 6/15	Well – Poorly	5.5 - 7.5
Spring Oats	64	3/1 - 6/15	Well – Poorly	5.5 - 7.5

NOTE: These rates should be increased by 50% if planted April 15 – August 1 and October 1 – March 1

WVDEP OOG
ACCEPTED AS-BUILT
WJJ 8 / 04 / 2015

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

Jackson Surveying Inc.
677 W. Main St.
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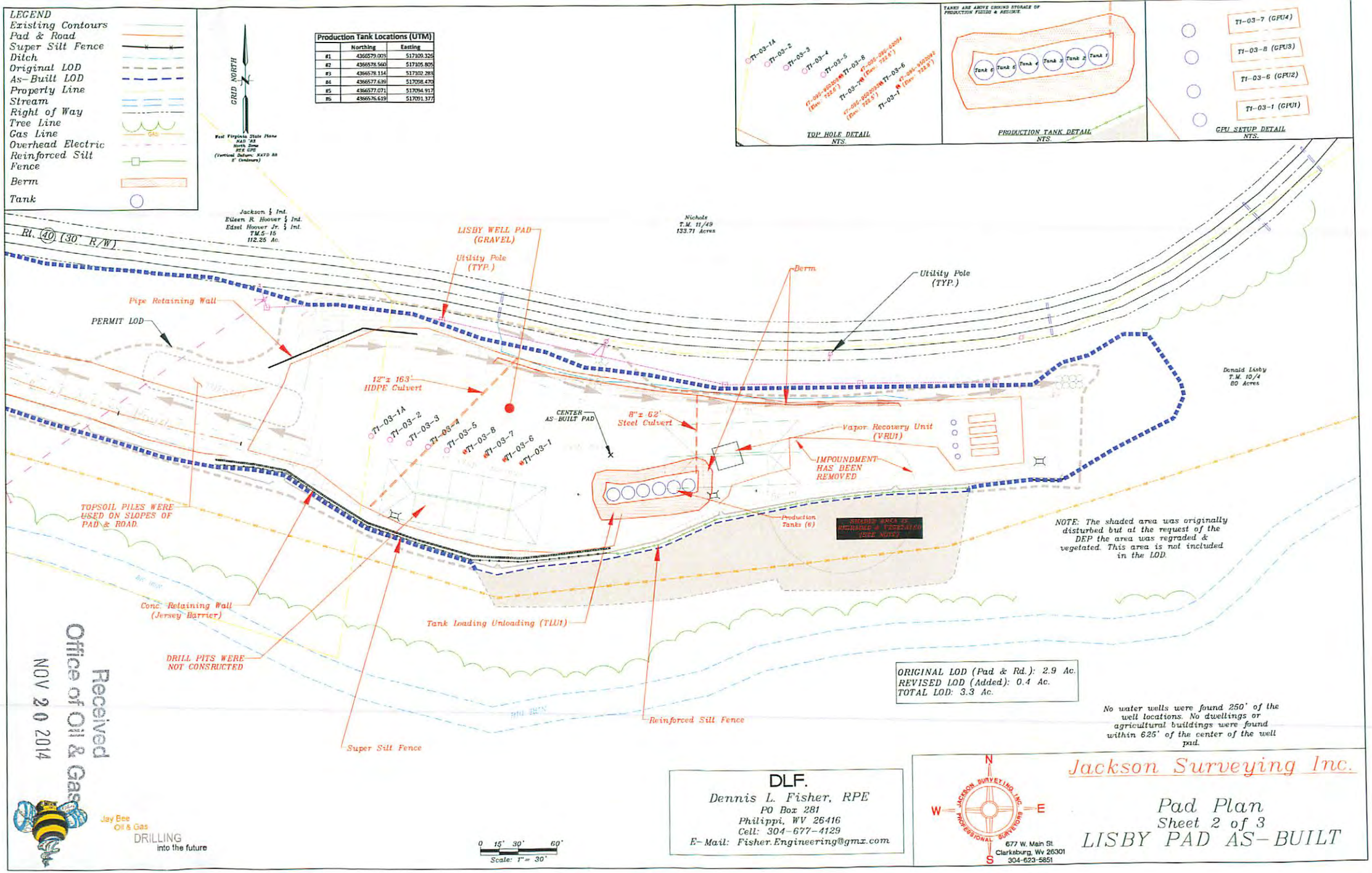
304-623-5851

Details
Sheet 4 of 4
LISBY PAD AS-BUILT


LEGEND
Existing Contours
Pad & Road
Super Silt Fence
Ditch
Original LOD
As-Built LOD
Property Line
Stream
Right of Way
Tree Line
Gas Line
Overhead Electric
Reinforced Silt Fence
Berm
Tank
GRID NORTH
West Virginia State Plane NAD '83 North Zone MTR GPS (Vertical Datum: NAVD 88 6' Contours)
Production Tank Locations (UTM)
Northing
Easting
#1 4365579.003 517109.326
#2 4365578.560 517105.805
#3 4365578.114 517102.283
#4 4365577.639 517098.470
#5 4365577.071 517094.917
#6 4365576.619 517091.377
TOP HOLE DETAIL NTS.
TANKS ARE ABOVE GROUND STORAGE OF PRODUCTION FLUIDS & RESIDUE.
PRODUCTION TANK DETAIL NTS.
GPU SETUP DETAIL NTS.
T1-03-7 (GPU4)
T1-03-8 (GPU3)
T1-03-6 (GPU2)
T1-03-1 (GPU1)
Jackson & Int.
Eileen R. Hoover & Int.
Edsel Hoover Jr. & Int.
T.M.5-16
112.25 Ac.
Nichols
T.M. 11/49
133.71 Acres
Rt. 40 (30' R/W)
LISBY WELL PAD (GRAVEL)
Utility Pole (TYP.)
Berm
Utility Pole (TYP.)
Pipe Retaining Wall
PERMIT LOD
12"x 163' HDPE Culvert
CENTER AS-BUILT PAD
8"x 62' Steel Culvert
Vapor Recovery Unit (VRU1)
IMPOUNDMENT HAS BEEN REMOVED
Donald Lisby
T.M. 10/4
80 Acres
T1-03-1A
T1-03-2
T1-03-3
T1-03-4
T1-03-5
T1-03-8
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T1-03-6
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DRILL PITS WERE NOT CONSRUCTED
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Super Silt Fence
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DRILLING into the future
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677 W. Main St.
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304-623-5851
Pad Plan
Sheet 2 of 3
LISBY PAD AS-BUILT

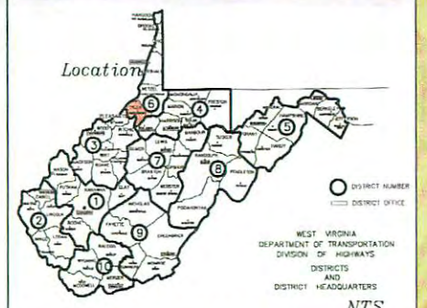
09502223

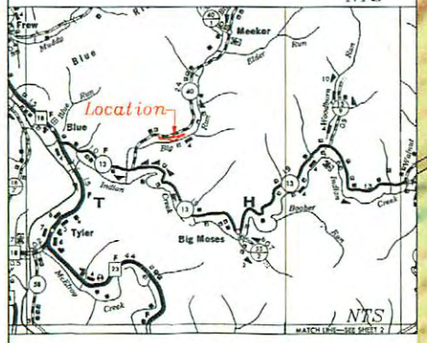
DONALD LISBY AS-BUILT WELL PAD
(T1-03)

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

Date: November 14, 2014

Sheet	Description
1	COVER
2	PAD PLAN
3	ROAD PLAN & PROFILE





GRID NORTH

West Virginia State Plane
NAD '83
North Zone
RTK GPS

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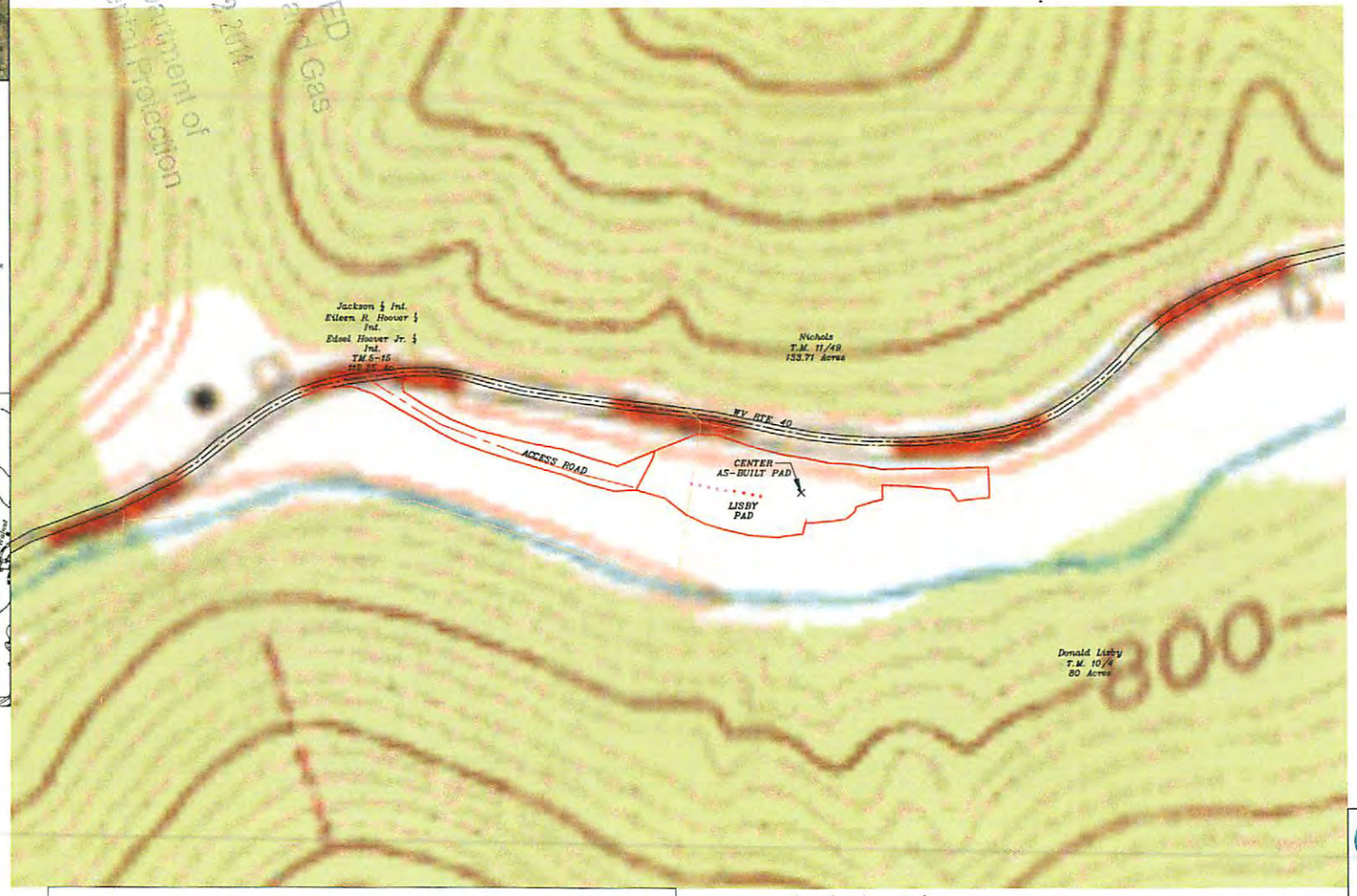

CENTER PAD (AS-BUILT)
UTM (meters)
4366586.1 N
517090.6 E

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')

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REGISTERED
No. 8584
STATE OF
WEST VIRGINIA
PROFESSIONAL ENGINEER

This well pad was designed by Fisher Enginering 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 8684: _____ Date: 11-13-2014

0 50' 100' 200'
Scale: 1" = 100'

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

Jay Bee Oil & Gas
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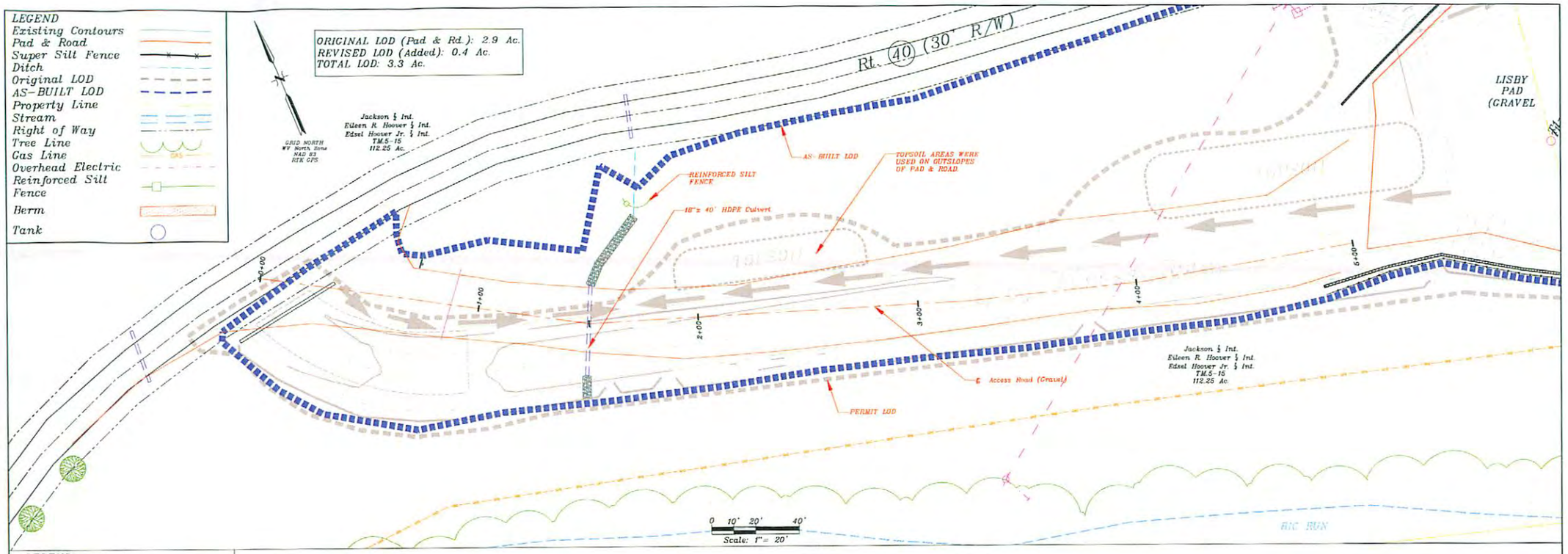
Jackson Surveying Inc.
877 W. Main St.
Clarksburg, Wv 26301
304-623-5851

Cover
Sheet 1 of 3
LISBY PAD AS-BUILT

095022 23



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Road Plan & Profile
Sheet 3 of 3
LISBY PAD AS-BUILT

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