

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

February 14, 2014

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-9502140, 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: BASHFUL 2

Farm Name: TIPPINS, RODNEY L. & VICKIE L

API Well Number: 47-9502140

Permit Type: Horizontal 6A Well

Date Issued: 02/14/2014

API Number: 95-02140

PERMIT CONDITIONS

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

CONDITIONS

- 1. Additional casing shall be added to existing gas well API: 47-095-90906 to raise the well head a total of 17', or a minimum of 3' above the constructed pad elevation.
- 2. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACOE). Through this permit, you are hereby being advised to consult with USACOE regarding this proposed activity.
- 3. 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 fifty (50) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 4. 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.
- 5. 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.
- 6. 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.
- 7. 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.
- 8. 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.
- 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.



Applicant: JAY BEE OIL & GAS Reference ID: Bashful 2 (09/26/2013)

Status: New

Type: Horizontal 6A Well Permit ID: New/Pending Printed: Feb. 12, 2014 3:15 PM

WW-6B: General and Location Information

API Number:	47-095-02140 (47)
Operator's Well Number:	Bashful 2
Filing Fee:	First Well on Pad Subsequent Well on Pad 10,150.00
Well Pad Name:	Bashful (T3029) Pad
Surface Owner:	Rodney & Vicky Tippins / Eli Tippins
Public Road Access:	Bonelick Rd
Please attach each of the following	ng as seperate documents:
Well Plat	
Wellbore Schematic	

County: Tyler	xx ▼	District:	McElroy ✓	120
Quadrangle: CEN	TER POINT	▼	•	
Top Hole(UTM NAD83):				
Easting: 524005	.7 Northing:	4369318.8	Zone: 17 ▼	
Proposed Landing Point(UTM):			
Easting: 524213.	2 Northing:	4369766.5	Zone: 17 🔻 🎉	
Proposed Bottom Hole(U	JTM):			
Easting: 523597	1 Northing:	4371602.7	Zone: 17 ▼	
Elevations (feet) Curr	ent Ground: 1214.74		Proposed Post-Construct	tion: 1201.86

Well Type:	• Gas	Oil
	 Underground Storage 	Other
Will well be drilled i	more than 100 feet into the Onondaga	Group? ○ Yes • No
Depth Type:	• Shallow	С Deep
Existing Pad?	C Yes	• No

Target Formations

Complete the following table.			
Target Formation	Depth-Top (ft)	Anticipated Thickness (ft)	Associated Pressure (psi)
Marcellus	8400	40	3500

Depth Specifics

Proposed Post-Construction Elevation:	1201.86		
Proposed Total Vertical Depth:	8400	(ft.)	
Formation at Total Vertical Depth:	Marcellus		
Proposed Total Measured Depth:	16700	(ft.)	
Proposed Total Horizontal Leg Length:	8300	(ft.)	
Method to Determine Fresh Water Depth:			
Well Record API 47-095-00388			* T

		Approximate Fresh Water Strata Depths	
282	(ft.)		

		Approximate Coal Seam Depths
461	(ft.)	Coal Seam Name, if known: Unknown
930	(ft.)	Coal Seam Name, if known: Pittsburgh

	Approximate Depth to P	ossible Void(coal mine, karst, other)
(ft.)	Not Anticipated:	

	Approximate Saltwater Depths
(ft.)	

Well Work and Mine Details

Is proposed well	ell location directly overlying or tributary to an active mine?	
C Yes	No	

If Yes, indicate name	, depth, coal seam and owner of mine:		
Coal Seam:		epth:	
Mine Name:	C	Owner:	
Describe proposed w	ell work, including the drilling and plugging b	pack of any pilot hole.	
rig, we will do	ulate a new Horizontal Well. Trill top hole to kick off poi shwater and intermediate hole g we will drill the production	nt by drilling thes. Using a	e
			~
Describe fracturing/st	imulating methods in detail, including anticip	pated max pressure and a	nticipated max rate.
sand, friction	tage 8,500bbls of water, 150, reducer, 1# per gallon, scal ntion 1/4# per gallon 2000 ga	e inhibitor and	
			₹
Total area to be distu	rbed, including roads, stockpile area, pits, e	tc, (acres): 10.6	
Area to be disturbed	for well pad only, less access road (acres):	5.0	

Casing and Cementing

Complete the following	table, adding as m	any rows o	of each	n Type as ne	eded.			
Туре	Size (in)	New or Used		Grade	Weight per ft. (lb/ft)		age: For Frilling	Intervals: Left in Well
Conductor	16	New	J55	5	40	40		40
	Wellbore Dia	ameter (in)		Wall T	hickness (in)		Burst Pre	ssure (psi)
	17.5			.495		300	00	
	Cement Typ	ре	Yiel	d (cu. ft./sk)	Fillup - Cubic	Feet	Top of Cement	
	Class A Cement		1.19		98.3		0	
Туре	Size (in)	New or Used		Grade	Weight per ft. (lb/ft)		age: For Filling	Intervals: Left in Well
Fresh Water 🔻	11 3/4	New	J55	5	32	332		332
	Wellbore Diameter (in) Wa							
	Wellbore Dia	meter (in)	-	Wall T	hickness (in)		Burst Pre	ssure (psi)
	Wellbore Dia	ameter (in)		Wall T	hickness (in)	150		ssure (psi)
		ν /	Yiel		hickness (in) Fillup - Cubic			Circulated to
	15	ν /	Yiel	.333	T		Top of	Circulated to
Туре	15 Cement Typ	ν /		.333	Fillup - Cubic	Feet	Top of Cemen	Circulated to Surface?
Type Intermediate •	Cement Typ Class A Cement Size (in)	pe New or		.333 d (cu. ft./sk) Grade	Fillup - Cubic 157.21 Weight per ft.	Feet	Top of Cement 0 cage: For crilling	Circulated to Surface?
	Cement Typ Class A Cement Size (in)	New or Used	1.32	Grade	Fillup - Cubic 157.21 Weight per ft. (lb/ft)	Feet Foot	Top of Cement 0 age: For rilling	Circulated to Surface? Intervals: Left in Well
	Cement Typ Class A Cement Size (in)	New or Used	1.32	Grade	Fillup - Cubic 157.21 Weight per ft. (lb/ft)	Feet Foot	Top of Cement 0 age: For villing Burst Pre	Circulated to Surface? Intervals: Left in Well

02/14/2014

							Cement	Surface?
	Class A Cement		1.52		505.3		0	~
Туре	Size (in)	New or Used		Grade	Weight per ft. (lb/ft)		age: For rilling	Intervals: Left in Well
Production	5 1/2	New	P1	10	17	1670	0	16700
	Wellbore Dia	ameter (in)		Wall Th	nickness (in)		Burst Pre	ssure (psi)
	7 7/8			.304		150	000	
	Cement Typ	ре	Yiel	d (cu. ft./sk)	Fillup - Cubic I	eet	Top of Cement	Circulated to Surface?
	Type 1 Cement		1.41		2891		1000	

Packers

Will Packers be Used?	(No No
If Yes, complete the follo	ing:	

Kind	Sizes	Depths Set

Fluids, Cuttings Disposal and Reclamation Plan

State: West Virginia	County: Tyler-xx
District: 05	Quadrangle: CENTER POINT
Zone: <u>17</u>	
Northing: <u>4369318.8</u>	Easting: <u>524005.7</u>
API Number: 47-095-02140	
Operator Well Number: Bashful 2	
Do you anticipate drilling/redrilling well work?	
• Yes O No	
res O NO	
Will a pit be used for plugging activities? • Yes	○ No
If so, please describe anticipated pit waste:	NO
Drill Cuttings - Air Drilling	Top Holo
Dilli Cuttings - All Dilling	top note
'	
Will a synthetic liner be used in the pit? • Yes	○ No
If so, what ml.? 60	
Proposed Disposal Method For Treated Pit Waste Wa	ater.
✓ Underground Injection (UIC Permit Num	
)
Reuse (at API Number	
	•)
Other (explain)	
\	

02/14/2014

77 - 0 - 1 77 - 1 77 - 1 77 - 1 77 - 1 77 - 005 - 05151)	
Using Contract Haulers Norte/CES (API's 47-085-05151) Directional	-
Will closed loop system be used? • Yes No	
If so, describe: Centrifuge System (Boss, Newalta) Possible, Directional Drilling	_
	*
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.	
Brine Base Drilling Mud	_
	*
If oil based, what type? Synthetic, petroleum, etc.	
Water Based	_
	*
Additives to be used in drilling medium?	
Bentonite, Salt, Soda Ash	_
	*
Solid Waste disposal method from Plugging Activities:	
Leave in Pit (Indicate medium used: cement, sawdust, lime, etc):	
Landfill (name/permit number?)	
Removed Offsite (name/permit number?) Meadowfill/Permit 101219WV	
Other: (please explain)	
Proposed Revegetation Treatment:	
Acres Disturbed: 10.6 Prevegetation pH: 6.8	
ime Tons/acre to correct to pH: 3	
Fertilizer (10-20-20 or equivalent): 750 lbs/acre	
Mulch Hay 2000 lbs/acre	
Comments:	4
Attach a Reclamation Plan/Drawing	

Seed Mixtures			
Area Type	Seed Type	lbs/acre	
Permanent 💌	KY-31	20	
Permanent 🔻	Creeping Red Fescue	30	

Permanent <	Lathco Flat Pea/Perennial Ryegrass	30
Temporary 🔻	Annual Ryegrass	40

Describe 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.

Centralizers Type and Placement.

Vertical - Every 500' Bow Centralizer, and 50' from top of ground. Horizontal every 42' Spiral Centralizer, Curve - Every 84' Spiral Centralizer.

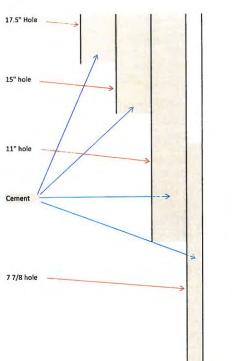
Cement Additives.

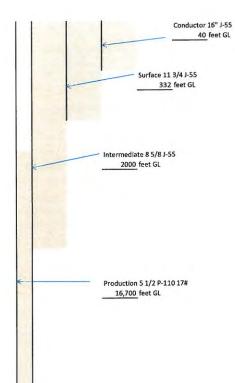
Superior Well Services - 15" hole for the 11 3/4 fresh water case, Class A Cement, 2% Calcium Chloride, 1/4# flake.
Superior Well Services - 11" hole for the 8 5/8 intermediate base, Class A Cement, 2% Calcium Chloride
Baker Hughes - 7 7/8" hole for the 5 1/2 production case, Type 1 Cement, Fly Ash,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

Jay-Bee Oil & Gas Inc.
Well Name Bashful 2
GL Elevation 1,201.86'
KB 14 feet

Date District County State 10/2/2013 McElroy Tyler West Virginia

Input by: Shane Dowell





Total depth 16,700 feet GL

JAY -BEE OIL & GAS INC 3570 SHIELDS HILL RD CAIRO, WV 26337 OFFICE (304) 628-3111 FAX (304) 628-3107

WELL SITE DRILLING PROCEDURES AND SITE SAFETY PLAN Per 35CSR8/§22-6A

(Any changes or modifications to previously approved plans must be approved by the West Virginia Department of Environmental Protection - Office of Oil and Gas)

A copy of this plan will be provided to the local emergency planning committee or county emergency services offices at least 7 days prior to land disturbance from well work.

SITING STANDARDS

Well Name	Bashful 2		
Well Pad	Bashful (T3029) Pad		
Latitude/Longitude	NAD83- Lat. 39.4731224 Long80.7209032		
Location of Access Road	From Indian Creek Rd (Mile Point 6), 2 miles north on Walnut Fork, 1.2 east miles on Bonelick Rd.		
Detail of Actual Well Work	Drill and Stimulate a New Horizontal Well.		
Detail of Completion and Production Activities	Fracturing/ Stimulating Methods 300-350' per stage 8,500bbls of water, 150,000 – 400,000lbs of sand, friction reducer, 1# per gallon, scale inhibitor, and bacteria prevention ½# per gallon 2000 gallons 15% vol acid.		
Directions to Well	From Middlebourne city center, head south down WV 18 for 6.7 miles. Turn left onto Indian Creek Rd, and follow east for 6 miles. Turn left onto Walnut Fork and follow north for 2 miles. Turn right onto Bonelick Rd. Follow east for 1.2 miles to lease road on left.		
Prevailing Wind Direction	South/ South East		

Morora

west virginia department of environmental protection



Water Management Plan: Primary Water Sources



WMP-01717

API/ID Number:

047-095-02140

Operator:

Jay-Bee Oil & Gas, Inc.

Bashful 2

Important:

For each proposed primary water source (including source intakes for purchased water sources) identified in your water management plan, and summarized herein, DEP has made an evaluation concerning water availability over the specified date range. DEP's assessment is based on the following considerations:

- Statistical analysis of historical USGS stream gauge data (transferred to un-gauged locations as necessary);
- Identification of sensitive aquatic life (endangered species, mussels, etc.);
- ·Quantification of known existing demands on the water supply (Large Quantity Users);
- Minimum flows required by the Army Corps of Engineers; and
- Designated stream uses.

Based on these factors, DEP has provided, for each intake location (and origination point for purchased water), a reference gauge location and discharge flow reading which must be surpassed prior to withdrawals. Additionally, DEP has established a minimum passby flow at the withdrawal location which must also be surpassed prior to withdrawals. These thresholds are considered terms of the permit and are enforceable as such.

DEP is aware that some intake points will be used for mutiple wells and well sites. In these cases, the thresholds set by the Water Management Plan are to be interepreted as total withdrawal limits for each location over the specified date range regardless of how many wells are supported by that intake.

For all purchased water intakes, determinations of water availability are made at the original source intake location. It is the responsibility of the Oil and Gas Operator, not the seller, to cease withdrawal of water from the seller when flows are less than the minimum gauge reading at the stream gauge referenced by the Water Management Plan in order to protect stream uses.

Note that the determinations made herein are based on the best available data, but it is impossible to predict water availability in the future. While the DEP has carefully established these minimum withdrawal thresholds, it remains the operator's responsibility to protect aquatic life at all times. Approval to withdrawal is contingent upon permission from the land owner. It is the responsibility of the operator to secure and maintain permission prior to any withdrawals.

The operator is reminded that 24-48 hours prior to withdrawing (or purchasing) water, DEP must be notified by email at DEP.water.use@wv.gov.

APPROVED DEC 1 8 2013

Source Summary

WMP-01717

API Number:

047-095-02140

Operator:

Jay-Bee Oil & Gas, Inc.

Bashful 2

Stream/River

e Source Walnut Fork @ Thomas Withdrawal Site Tyler

Owner:

Doug Thomas

Start Date

End Date

Total Volume (gal)

Max daily purchase (gal)

Intake Latitude: Intake Longitude:

4/1/2014

4/1/2015

7,854,000

39.467133

-80.73614

Regulated Stream?

Ref. Gauge (D)

3114500

MIDDLE ISLAND CREEK AT LITTLE, WV

Max. Pump rate (gpm):

5,260

Min. Gauge Reading (cfs):

79.22

Min. Passby (cfs)

0.39

DEP Comments:

UNT of Bonelick Run @ Tippins Withdrawal Site

Tyler

Owner:

Rodney & Vickie Tippins

Start Date

Source

End Date

Total Volume (gal) Wax, daily purchase (gal)

Intake Latitude: Intake Longitude 39.470047

-80.72647

4/1/2014

4/1/2015

7,854,000

3114500

MIDDLE ISLAND CREEK AT LITTLE, WV

Max. Pump rate (gpm):

Regulated Stream?

5,260

Min. Gauge Reading (cfs):

Ref. Gauge ID:

79.22

Min. Passby (cfs)

0.05

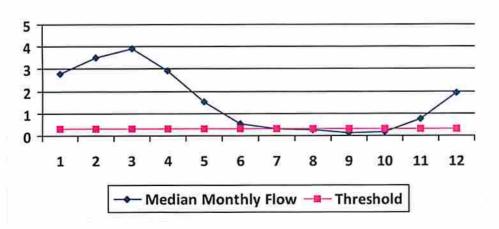
DEP Comments:

Source Detail

WMP-01717	API/ID Number:	047-095-02140	Operator;	Jay-Bee Oil	& Gas, Inc.
	Bas	shful 2			
D	Valnut Fork @ Thomas Wit oug Thomas	hdrawal Site	Source Lo	Latitude: 39.4 ngitude: -80.7	67133 73614
Drainage Area (sq. mi.): Endangered Species? Muss Trout Stream? Tier 3	2.6 County: el Stream?	Tyler	Anticipated withdrawal Anticipated withdrawal Total Volume from So	end date:	4/1/2014 4/1/2015 7,854,000
Regulated Stream? Proximate PSD? Gauged Stream?				ate (gpm): tax. Simultaneous x. Truck pump rate	Chinadan 2
Reference Gaug 3114500	MIDDLE ISLAND CRE	EEK AT LITTLE, WV			LEED WAY LANGE
Drainage Area (sq. mi.)	458.00		Gauge Thre	eshold (cfs):	45

Month	Median monthly flow (cfs)	Threshold (+ pump	Estimated Available water (cfs)
1	2.79	12.10	-9.06
2	3.51	12.10	-8.34
3	3.92	12.10	-7.92
4	2.91	12.10	-8.93
5	1.54	12.10	-10.31
6	0.54	12.10	-11.31
7	0.30	12.10	-11.54
8 9	0.25	12.10	-11.60
9	0.13	12,10	-11.72
10	0.16	12.10	-11.69
11	0.79	12.10	-11.06
12	1.92	12.10	-9,93

Water Availability Profile



Water Availability Assessment of Location

Min. Gauge Reading (cfs):	79.22
Ungauged Stream Safety (cfs):	0.06
Headwater Safety (cfs):	0.06
Pump rate (cfs):	11.72
Downstream Demand (cfs):	0.00
Upstream Demand (cfs):	0.00
Base Threshold (cfs):	0.26

"Threshold", as depicted in the chart above is meant only to indicate the calculated base threshold at the proposed withdrawal location. This value does not include the proposed pump rate or existing demand on the stream. Refer to the monthly breakdown above for a more complete estimation of water availability by month.

Source Detail

WMP-01717

API/ID Number:

Rodney & Vickie Tippins

047-095-02140

Operator:

Jay-Bee Oil & Gas, Inc.

Bashful 2

Source ID: 31725

Source Name UNT of Bonelick Run @ Tippins Withdrawal Site

Source Latitude: 39.470047

Source Longitude: -80.72647

HUC-8 Code:

5030201

Drainage Area (sq. mi.):

0.28

County: Tyler Anticipated withdrawal start date:

4/1/2014

Endangered Species?

Anticipated withdrawal end date:

4/1/2015

Trout Stream?

Mussel Stream?

Total Volume from Source (gal):

7,854,000

☐ Tier 3?

Max. Pump rate (gpm):

Max. Truck pump rate (gpm)

5,260

Regulated Stream? Proximate PSD?

Max. Simultaneous Trucks:

3

Gauged Stream?

3114500

MIDDLE ISLAND CREEK AT LITTLE, WV

420

Drainage Area (sq. mi.)

Reference Gaug

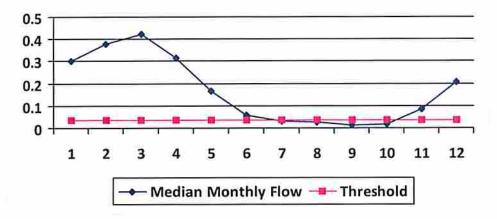
458.00

Gauge Threshold (cfs):

45

Month	Median monthly flow (cfs)	Threshold (+ pump	Estimated Available water (cfs)
1.	0.30	11.76	-11,43
2	0.38	11.76	-11.36
3	0.42	11.76	-11.31
4	0.31	11.76	-11.42
5	0.17	11.76	-11.57
6	0.06	11.76	-11.68
7	0.03	11.76	-11.70
8	0.03	11.76	-11.71
9	0.01	11.76	-11.72
10	0.02	11.76	-11.72
11	80.0	11.76	-11.65
12	0.21	11.76	-11.53

Water Availability Profile



Water Availability Assessment of Location

0.03
0.00
0.00
11.72
0.01
0.01

Min. Gauge Reading (cfs): 79.22 Passby at Location (cfs): 0.04

"Threshold", as depicted in the chart above is meant only to indicate the calculated base threshold at the proposed withdrawal location. This value does not include the proposed pump rate or existing demand on the stream. Refer to the monthly breakdown above for a more complete estimation of water availability by month.

west virginia department of environmental protection



Water Management Plan: Secondary Water Sources



WIMP-01717

API/ID Number

047-095-02140

Operator:

Jay-Bee Oil & Gas, Inc.

Bashful 2

Important:

For each proposed secondary water source identified in your water management plan (i.e., groundwater well, lake/reservoir, recycled frac water, multi-site impoundment, out-of-state source), DEP makes no estimation of the availability of water. These sources may prove to be unsuitable water supplies. Please review the following notes:

- •For groundwater supply wells, DEP recommends that the operator contact the local health department prior to drilling any new well; and reminds the operator that all drinking water wells within 1,500 feet of a water supply well shall be flow- and quality-tested by the operator at the request of the drinking well owner prior to operation of the water supply well.
- •For each proposed multi-site impoundment water source identified in your water management plan (if applicable), DEP will review the withdrawal limits established in the referenced Water Management Plan for current suitability and provide to the operator these limits for each identified intake. Note that withdrawal limits may be modified as necessary based on changing demands upon that water supply.

Multi-site impoundment

Source ID: 31726 Source Name

W701 Fresh Water Centralized Impoundment

Source start date:

4/1/2014

Source end date:

4/1/2015

Source Lat:

39.438678

Source Long:

-80.720864

County

Tyler

Max. Daily Purchase (gal)

Total Volume from Source (gal):

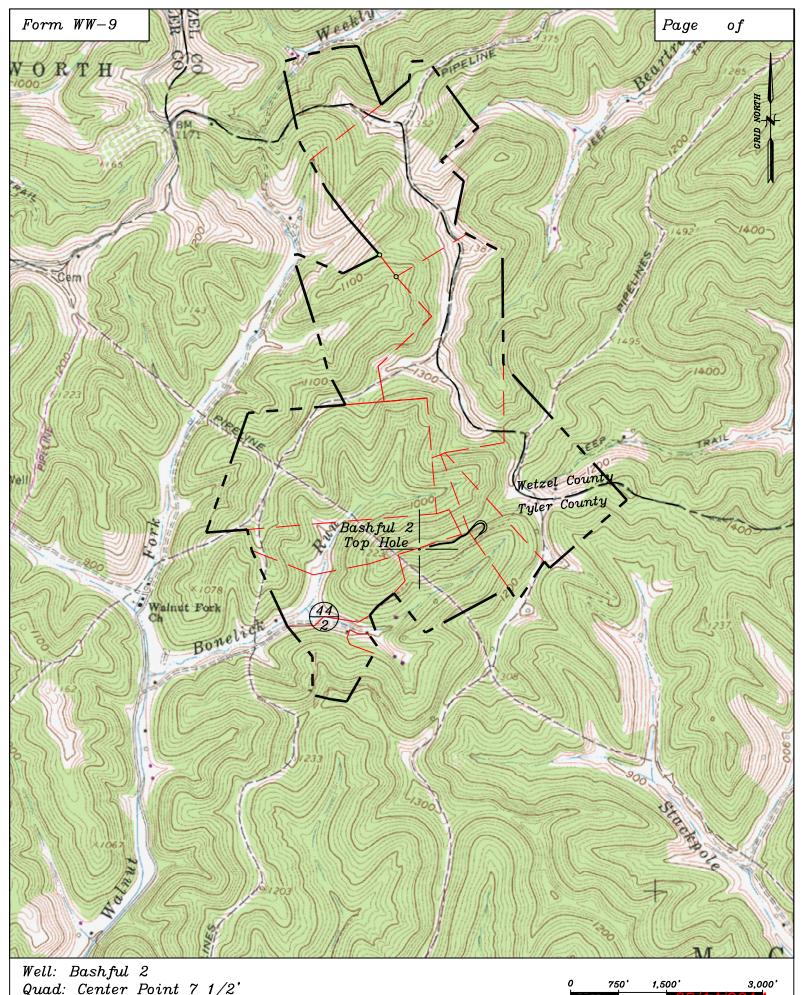
7,854,000

DEP Comments:

095-FWC-00001

The intake identified above has been defined in a previous water management plan. The thresholds established in that plan govern this water management plan unless otherwise noted.

Reference: WMP-577



Quad: Center Point 7 1/2' District: McElroy

County: Tyler

Scale: 1"=1,500" 4/2014

