

#### 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 28, 2014

## WELL WORK PERMIT Horizontal 6A Well

This permit, API Well Number: 47-9502135, 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: SNEEZY 10 Farm Name: TESLOVICH, BRIAN API Well Number: 47-9502135 Permit Type: Horizontal 6A Well Date Issued: 02/28/2014

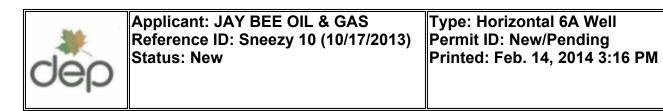
Promoting a healthy environment.

# **PERMIT CONDITIONS**

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

### CONDITIONS

- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACOE). Through this permit, you are hereby being advised to consult with USACOE 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 fifty (50) 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.



#### WW-6B: General and Location Information

API Number:	47-095-02135 (47)
Operator's Well Number:	Sneezy 10
Filing Fee:	C First Well on Pad   Subsequent Well on Pad  5,150.00
Well Pad Name:	Sneezy (D415) Pad
Surface Owner:	Brian Teslovich
Public Road Access:	McIntyre Fork
Please attach each of the following	ng as seperate documents:
Well Plat	
<ul> <li>Wellbore Schematic</li> </ul>	

County:	Tyler-xx	District:	McElroy-xx			
Quadrangle:	CENTER POINT	•				
Top Hole(UTM NA	D83):					
Easting: 5	28361.0 Northing:	4364609.3	Zone: 17 💌 🙋			
Proposed Landing	Point(UTM):					
Easting: 5	28216.5 Northing:	4364472.6	Zone: 17 🗾 🛃			
Proposed Bottom	Hole(UTM):					
Easting: 5						
Elevations (feet)	Current Ground: 1356		Proposed Post-Construction: 1346			
Well Type:	Gas	O Oil				
	C Underground Storage	C Other				
Will well be drilled more than 100 feet into the Onondaga Group? $ igcar $ Yes $ igcar $ No						
Depth Type:	Shallow	C Deep				
Existing Pad?	C Yes	No				

## 02/28/2014

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Complete the following table.			
Target Formation	Depth-Top (ft)	Anticipated Thickness (ft)	Associated Pressure (psi)
Marcellus	7500	40	3500

#### WW-6B: Depth Specifics

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Proposed Post-Construction Elevation:	1346
Proposed Total Vertical Depth:	7500 (ft.)
Formation at Total Vertical Depth:	Marcellus
Proposed Total Measured Depth:	12200 (ft.)
Proposed Total Horizontal Leg Length:	4700 (ft.)
Method to Determine Fresh Water Depth:	
API's 47-095-02025 & 47-095-02 02294 for Freshwater	2024 for Saltwater Depths. 47-017-

	Approximate Fresh Water Strata Depths
456 (	ft.)

		Approximate Coal Seam Depths
N/A	(ft.)	Coal Seam Name, if known:

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

Approximate Saltwater Depths	
2090 (ft.)	

#### WW-6B: Well Work and Mine Details

Is proposed well location directly overlying or tributary to an active mine?

○ Yes ● No

If Yes, indicate name, depth, coal seam and owner of mine:

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### Electronic Permitting Printing Module

Coal Seam: Mine Name:		Depth: Owner:		
Describe proposed v	well work, including the drilling and plu	igging back of an	y pilot hole.	
rig, we will conductor, fr	mulate a new Horizontal W drill top hole to kick of eshwater and intermediate ig we will drill the prod	f point by holes. Usi	drilling the ng a	•
				-
	stimulating methods in detail, including	<b>-</b>	· · ·	ated max rate.
sand, frictio	stage 8,500bbls of water, n reducer, 1# per gallon, ention 1/4# per gallon 20	scale inhi	bitor and	*
				-
Total area to be dist	urbed, including roads, stockpile area	, pits, etc, (acres)	6.2	
Area to be disturbed	l for well pad only, less access road (a	acres): 2.3		

#### WW-6B: FRAC Additives

Please select the chemical names of each additive used in your fracturing compounds.
You may opt to provide these compounds listed in the form of an attachment. $\ \square$ See Attached.

Chemical (CAS) Number	Name/Description	
07732-18-5	Water	<b>•</b>
00107-21-1	Ethylene Glycol	
00111-30-8	Glutaraldehyde	•
00064-17-5	Ethyl Alcohol	<b>~</b>
07647-01-0	Hydrochloric Acid	

	Please list any and all chemicals and compounds used not found in list above.	
CAS Number	Chemical/Compound Name	

14808-60-7	Sand	
64742-47-8	Distillates (petroleum), hydrotreated light (Friction Reducer)	
10043-52-4	Calcium chloride	
7173-51-5	Didecyldimethylammonium chloride	
68424-85-1	Benzalkonium chloride	

### WW-6B: Casing and Cementing

Complete the following	lable, adding as m	any rows o		T Type as new	sucu.			
Туре	Size (in)	New or Used		Grade	Weight per ft. (lb/ft)		age: For rilling	Intervals: Left in Well
Conductor -	16	New	J55	5	40	40		40
	Wellbore Dia	imeter (in)		Wall TI	nickness (in)		Burst Pre	ssure (psi)
	17.5			.495		300	00	
	Cement Typ	ре	Yiel	d (cu. ft./sk)	Fillup - Cubic	Feet	Top of Cemen	
	Class A Cement		1.19		98.3		0	~
Туре	Size (in)	New or Used		Grade	Weight per ft. (lb/ft)		age: For rilling	Intervals: Left in Well
Fresh Water 💌	11 3/4	New	J55	5	32	506		506
	Wellbore Dia	imeter (in)		Wall TI	nickness (in)		Burst Pre	ssure (psi)
	15			.333		150	0	
	Cement Typ	ре	Yiel	d (cu. ft./sk)	Fillup - Cubic	Feet	Top of Cemen	Circulated to Surface?
	Class A Cement		1.26		239.93		0	
Туре	Class A Cement Size (in)	New or Used	1.26	Grade	239.93 Weight per ft. (lb/ft)	Foot D	0 age: For rilling	Intervals: Left in Well
Type	1		1.26		Weight per ft.	Foot D 2000	age: For rilling	Intervals: Left in
	Size (in)	Used New		5	r Weight per ft. (lb/ft)	D	age: For rilling	Intervals: Left in Well
	Size (in)	Used New		5	Weight per ft. (lb/ft)	D	age: For rilling Burst Pre	Intervals: Left in Well
	Size (in) 8 5/8 Wellbore Dia	Used New ameter (in)	J5t	Wall Ti	Weight per ft. (lb/ft)	D 2000 250	age: For rilling Burst Pre	Intervals: Left in Well 2000 ssure (psi) Circulated to
	Size (in) 8 5/8 Wellbore Dia	Used New ameter (in)	J5t	Wall Ti 264	Weight per ft. (lb/ft) 24 nickness (in)	D 2000 250	age: For rilling Burst Pre 00 Top of	Intervals: Left in Well 2000 ssure (psi) Circulated to
	Size (in) 8 5/8 Wellbore Dia 11 Cement Typ	Used New ameter (in)	J55 Yiel	Wall Ti 264	Weight per ft. (lb/ft) 24 nickness (in) Fillup - Cubic	D 2000 250 Feet	age: For rilling Burst Pre 00 Top of Cemen	Intervals: Left in Well 2000 ssure (psi) Circulated to Surface?
Intermediate	Size (in) 8 5/8 Wellbore Dia 11 Cement Typ Class A Cement	Used New ameter (in) pe New or	J55 Yiel	5 Wall TI .264 d (cu. ft./sk) Grade	Weight per ft. (Ib/ft) 24 hickness (in) Fillup - Cubic 508.43 Weight per ft.	D 2000 250 Feet	age: For rilling Burst Pre 00 Top of Cemen 0 0 age: For rilling	Intervals: Left in Well 2000 ssure (psi) Circulated to Surface? Intervals: Left in
Intermediate  Type	Size (in) 8 5/8 Wellbore Dia 11 Cement Typ Class A Cement Size (in)	Used New ameter (in) pe New or Used New	Yiel	5 Wall TI .264 d (cu. ft./sk) Grade	Weight per ft. (Ib/ft) 24 hickness (in) Fillup - Cubic 508.43 Weight per ft. (Ib/ft)	D 2000 250 Feet Foot	age: For rilling Burst Pre 00 Top of Cemen 0 age: For rilling	Intervals: Left in Well 2000 ssure (psi) Circulated to Surface? Intervals: Left in Well
Intermediate  Type	Size (in) 8 5/8 Wellbore Dia 11 Cement Typ Class A Cement Size (in) 5 1/2	Used New ameter (in) pe New or Used New	Yiel	5 Wall TI .264 d (cu. ft./sk) Grade	Weight per ft. (Ib/ft) 24 hickness (in) Fillup - Cubic 508.43 Weight per ft. (Ib/ft)	D 2000 250 Feet Foot	age: For rilling Burst Pre 00 Top of Cemen 0 age: For rilling 0 Burst Pre	Intervals: Left in Well 2000 ssure (psi) Circulated to Surface? Intervals: Left in Well 12200
Intermediate  Type	Size (in) 8 5/8 Wellbore Dia 11 Cement Typ Class A Cement Size (in) 5 1/2 Wellbore Dia	Used New ameter (in) pe New or Used New ameter (in)	Yiel	5 Wall TI .264 d (cu. ft./sk) Grade 10 Wall TI	Weight per ft. (Ib/ft) 24 hickness (in) Fillup - Cubic 508.43 Weight per ft. (Ib/ft)	D 2000 Feet Foot 1220	age: For rilling Burst Pre 00 Top of Cemen 0 age: For rilling 0 Burst Pre	Intervals: Left in Well 2000 ssure (psi) Circulated to Surface? Intervals: Left in Well 12200 ssure (psi) Circulated to

#### WW-6B: Centralizers, Cement, Borehole

Describe proposed borehole conditioning procedures.

## 02/28/2014

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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

#### WW-6B: Packers

Will Packers be Used? O Yes O No If Yes, complete the following:

Kind	Sizes	Depths Set

#### WW-9: Fluids, Cuttings Disposal and Reclamation Plan

State:	West Virginia	County: <u>Tyler-xx</u>
District:	<u>05</u>	Quadrangle: CENTER POINT

## 02/28/2014

https://epermit.dep.wv.gov/webapp/ dep/securearea/Application/templates/PrintApp.cfm?... 2/14/2014

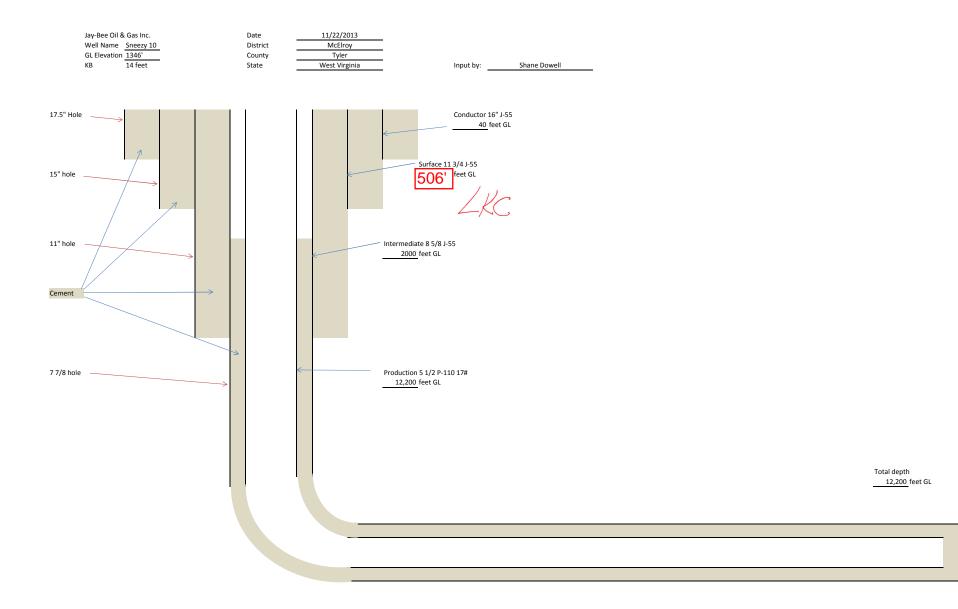
### Electronic Permitting Printing Module

Zone: <u>17</u> Northing: <u>4364609.3</u> Easting: <u>528361.0</u>	
API Number: <u>47-095-02135</u>	
Operator Well Number: Sneezy 10	
Do you anticipate drilling/redrilling well work?	
Yes O No	
Will a pit be used for plugging activities? C Yes <ul> <li>No</li> </ul>	
If so, please describe anticipated pit waste:	
Drill Cuttings - Air Drilling	* *
Will a synthetic liner be used in the pit? • Yes C No If so, what ml.? 60	
Proposed Disposal Method For Treated Pit Waste Water:	
Underground Injection (UIC Permit Number 47-085-09721	)
Reuse (at API Number	
	÷ )
<ul> <li>Other (explain)</li> </ul>	
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No	(5151)
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes C No If so, describe:	• 5151)
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No	(\$151)
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes C No If so, describe:	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil ba	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil ba	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil base Brine Base Drilling Mud	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes C No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, what type? Synthetic, petroleum, etc.	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes O No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based Brine Base Drilling Mud If oil based, what type? Synthetic, petroleum, etc.	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based Brine Base Drilling Mud If oil based, what type? Synthetic, petroleum, etc. Water Based	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil be Brine Base Drilling Mud If oil based, what type? Synthetic, petroleum, etc. Water Based Additives to be used in drilling medium?	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes • No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil be Brine Base Drilling Mud If oil based, what type? Synthetic, petroleum, etc. Water Based Additives to be used in drilling medium?	Ψ 
Using Contract Haulers Norte/CES (API's 47-085-0 Will closed loop system be used? • Yes C No If so, describe: Centrifuge System (Boss, Newalta) Possible Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil be 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	Ψ 

Removed Offsite (name/permit number?) Meadowfill/Permit 101219WV
 Other: (please explain)

	Proposed Revegetation Treatment:						
Acres Disturbed:	<u>6.2</u>	Prevegetation pH:	6.8				
Lime Tons/acre to	correct to pH: 3						
Fertilizer (10-20-20	or equivalent): 750	lbs/acre					
Mulch	Hay 2000 Ibs/acre						
Comments:	Comments:						
Attach a Recla	mation 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		



### 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.

Well Name	Sneezy 10				
Well Pad	Sneezy (D415) Pad				
Latitude/Longitude	NAD83- Lat. 39.430472 Long80.670647				
Location of Access Road	From WV 23 (Mile Point 12.9), .4 miles east on Broad Run, 1.9 east miles north on McIntyre Fork Rd.				
Detail of Actual Well Work	Drill and Stimulate a New Horizontal Well.				
Detail of Completion and Production Activities	<u>Fracturing/Stimulating Methods</u> 300-350' per stage 8,500bbls of water, 150,000 – 400,000lbs of sand, friction reducer, 1# per gallon, scale inhibitor, and bacteria prevention ¼# per gallon 2000 gallons 15% vol acid.				
Directions to Well	From WV 18 and WV23 intersection, take WV 23 east for 12.9 miles. Turn left onto Broad Run Rd, and follow east for .4 miles. Turn left onto McIntyre Fork and follow north for 1.9 miles. Lease road is on right.				
Prevailing Wind Direction	South/ South East				

15.3

#### SITING STANDARDS

# west virginia department of environmental protection





WMP-01709

API/ID Number 047-095-02135

Operators

Jay-Bee Oil & Gas, Inc.

Sneezy 10

#### 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:	31662	Source Name	McIntyre Centra	alized Freshwater	Impoundment	Source start date: Source end date:	4/1/2014 4/1/2015
		Source Lat:	39.435889	Source Long:	-80.667583	County	Tyler
		Max. Daily P	urchase (gal)		Total Volu	me from Source (gal):	7,854,000
	DEP Co	omments:	095-FWC-00006				

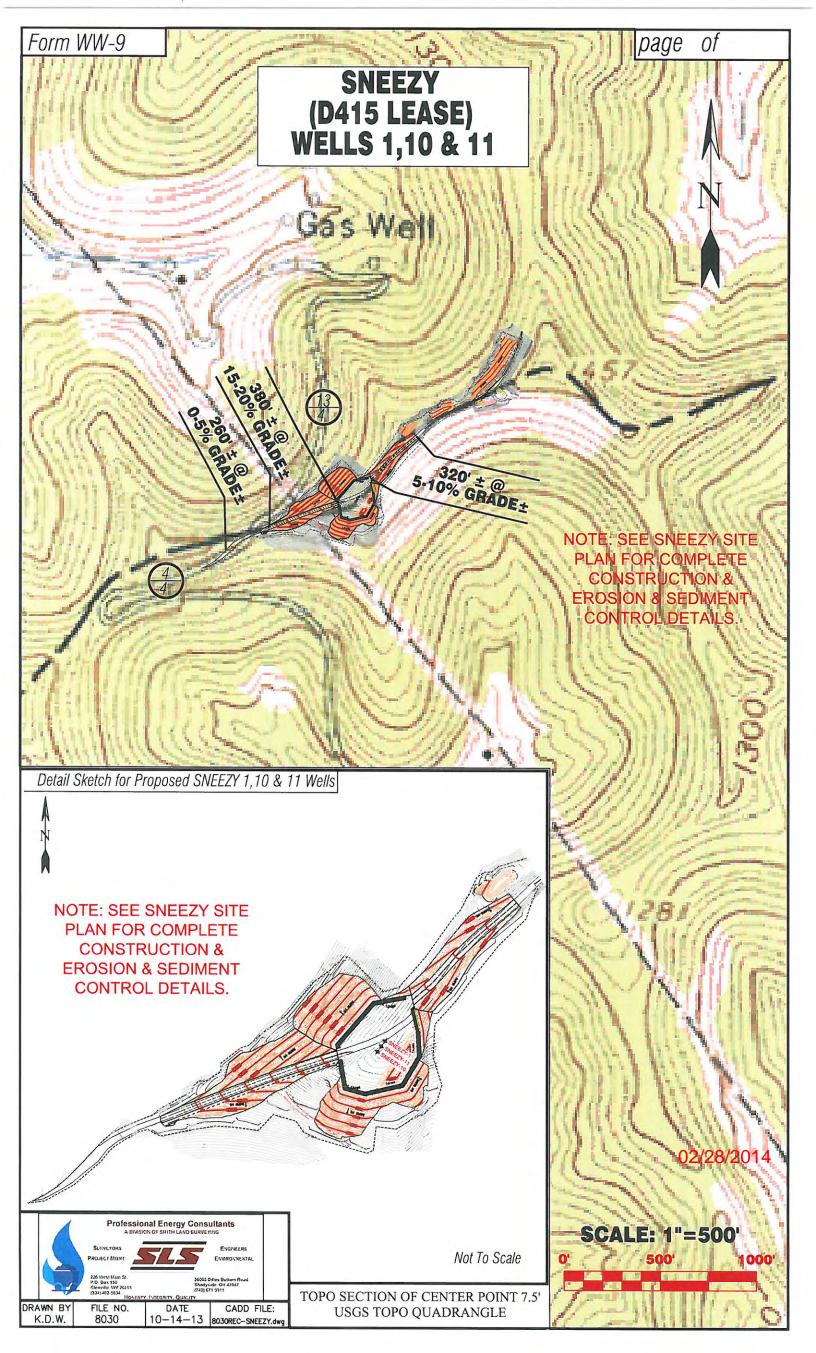
The intake identified above has been defined in a previous water management plan. The thresholds established in that plan govern this water management plan unless otherwise noted.

Reference: WMP-573

02/28/201

12/18/2013 4:39:52 PM

APPROVED DEC 1 8 2013.



FORM WW 6					-1,124'
	SNEEZY-10 TOP HOLE STATE PLANE COORDINATES NORTH ZONE (NAD 27)	FRANK SIMONS 49.5 ACRES±	LEASE # T1206	LATITUDE 39° 27' 30"	
	<u>NORTH ZONE (NAD'27)</u> N. 341,051.2 E. 1,669,338.1	N 36°21', E 38" RED OAK	DISTRICT DISTRIC	SNEEZY-	10
FR		743.82' 13 UANITA L. WEEDON 7.0732 ACRES±	STON	IDA15IEA	OF SI
ULE OOOD	UTW (NADAS)/WETERS) FR.		75°27' E ON KNO 482.90'	DTIJLLA	0
RIDGE	N. 4,364,609.3 E. 528,361.0	100 ACREST	AB2.5	SNEEZY-10 LANDIN STATE PLANE COOL NORTH ZONE (N	C POINT 1 8
VID FERREBEE 81 ACRES±	- /1 ING	652.62	W D415 42" CHESTNUT 044	SNEEZY-10 LANDIN STATE PLANE COOL NORTH ZONE (N N. 340,610. E. 1,668,856	5 9
ALVY COMM	UNITY 28" RED OAK	EANDING POINT 1 TE		E. 1,668,856 LAT=(N) 39.42	
CLUB 2.49 ACRE		19°24' W	6 ACRES±	LONG=(W) 80.6 UTM (NAD83)(ME	72331 O
and the second	SALL ADORE LANDIN		CHESTNUT OF		
JUANITA L	WEEDON	IG POINT 2	LEASE # CHESTNU	T RIDGEWOOD	
/ h.	ACRES	A State of the sta	BRAIN L	56 ACRES±	100
PROPOSILI SNEEDY		TORES PANA	TESLOVICH 41 ACRES±	LEASE	# 0,14
Care and	A AMERICAN	1 # 2 10 10	STONE	EASE # D413A D413B	
the stro	1 WOR		LIFFORD H. INTYRE ET AL	SNEEZY-10 LAND STATE PLANE C NORTH ZONE	OORDINATES (NAD 27)
I ER COS	OUNTIANL		121FORD H. INTYRE ET AL 7 20 ACRES±	E N. 339,8 E E. 1,668,	
DODDRIDGE	TESLOVICEST		CLIFFORD H LE	ASE# $LAT=(N)$ 39	427139
SCALE		RILL HOLE LEASE # 44	McINTYRE ET AL	UTM (NAD83)	(METERS)
SNEEZY-10 BO	TTON HOLE	CLIFFORD	CLARENCE 73 A	VEATER CRES± N. 4,364, E. 528,1	38.5
STATE PLANE C NORTH ZONE	COORDINATES LEASE # 1 M	McINTYRE ET AL 500	OVERFIELD ET AL 1" IRC	ON PIPE	
N. 337,5 E. 1,669,	45.5 761.6	1" IRON PIPE	TTOM HOLD		
N. 337,5 E. 1,669, LAT=(N) 39 LONG=(W) 8	420313	1" IRON PIPE	SNEE 1 22" WHITE OAK	W.M. L. SCOTT 56 ACRES±	42
/ UTM (NAD83) N. 4,363,		1	1" IRON PIPE		
E. 528,5	482.5 08.8 DOUGLAS & DOUGLAS & DONNA WADSWORTH	SYLVIA & ROBERT AAN DUCKWORTH	RON PARSONS 0.35 ACRES±		
	30 ACRES±	10 ACREST	COASTAL FOREST		
	337	IAPLE O ELE WEITERST	RESOURCES COMPANY 44.33 ACRES±	1	
2801N	2025 22" M	APLE O LE WASHINGTON	1 T	REFERENC	
299	Q 0 321 2024	NOTES ON SURVE	Y F	NEFENEINC	JEO
360	0	1. TIES TO WELLS, CORNERS AND		5	NEEZY WELLS
320 /	A	ARE BASED ON GRID NORTH FOR T	THE WV STATE		SNEEZY-1 SNEEZY-10
2400	O SNEEZY-10 PL 2.	LEASE BOUNDARY SHOWN HEREOI DEED BOOK 2 PAGE 13	N TAKEN FROM	SNEEZY-1	SNEEZY-11
15	3	S. SURFACE OWNER AND ADJOINER AKEN FROM THE ASSESSOR AND C	INFORMATION	SNEEZY-11	
	( RE	ECORDS OF DODDRIDGE COUNTY IN	N JULY, 2013.	A A	52.00
/ !!	1	<ol> <li>WELL LAT./LONG. (NAD'27) EST. DGPS(SURVEY GRADE).</li> </ol>		3 182.91	34. 5
11	\ FE	5. NO WATER WELLS WERE FOUND EET OF PROPOSED GAS WELL. NO	AGRICULTURAL	NAIL SET	NAIL SET
	OF	BUILDINGS (GREATER THAN 2500 S R DWELLINGS WERE FOUND WITHIN	625 FEET OF		
-	745	CENTER OF PROPOSED WELL	L PAD.	" = 200'	
		WINDRY A MIL			
	NED, HEREBY CERTIFY THAT RECT TO THE BEST OF MY	T SCORY A SM	STATES TOP	ATION OF WELL ON UNIT OGRAPHIC MAPS.	
	BELIEF AND SHOWS ALL REQUIRED BY LAW AND	13. 10	TE DATE DEC	EMBER 09 , 2	20 13
HE REGULATIONS	S ISSUED AND PRESCRIBED		* OPERATORS WE	LL NO. SNEEZY-10	)
/	OF ENVIRONMENTAL PROTEC	STION PROVIDENT	API API WELL 17	- or - o	175 11
.S. Mara	mas 1. Drail	The WIRCH W	NO. 41	19 00	1137 M
And	and the wind	ILE NO. 8030PSNEEZY-10R	STATE	COUNTY	PERMIT
INIMUM DEGREE	1/200 FI	ILE NO. 8030PSNEEZY-10R	STATE OF W	EST VIRGINIA	WEST -
ROVEN SOURCE		SCALE1" = 1000'		NMENTAL PROTECTION	
FELEVATION	DGPS (SUBMETER MAPP	ING GRADE)	OFFICE OF	DIL AND GAS	
/ELL YPE: OIL	GAS X INJECTION	WASTE IF DISPOSAL "GAS" PRODU		DEED	
OCATION :				DEEP SHAL	
		WATERSHED MCINTYRE FORM			
	MCELROY BRIAN L TESLOVICH	COUNTY TYLER		LE CENTER POIN	T 7.5'
	BRIAN L. TESLOVICH W.R. McINTYRE HEIRS ET /	AL	ACREAG		
ROPOSED WORK			ACREAG	E <u>232.60±</u> <u>02/</u> 0. <u>D-415, D-416, D-4</u>	28/2014
		PER REDRILL			
		TION PLUG AND ABANDO			
	IN WELL (SPECIFY)		TARGET FORMATION	MARCELLUS	
			ESTIMATED DEPTH	TVD 8,000: 757	PERMI
ELL OPERATOR	JAY BEE OIL & GAS, INC.	DESIGNA	TED AGENT RANDY BR	ODA	
ADDRESS	1720 RT. 22, EAST		ADDRESS RT. 1 BOX		
	UNION, NJ 07083		CAIRO, WA	26337	