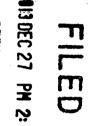
## DODDRIDGE COUNTY FLOODPLAIN APPLICATION PERMIT FEES

Accessory Building and/ or Appurtenant Structures
(examples: garage, storage or pole building, carport)
(the total cost of which do not exceed \$10,000.00)
Accessory Building and/or Appurtenant Structures, Additions and/or Substantial Improvement
o Single Family Residential or Manufactured Homes, New Single or Multi-Family Residential and
Commercial Structures or Substantial Improvement to existing Commercial Structures, Commercial
and Use Changes and Land Altering Activities
(commercial structures includes buildings used for business purposes)
(the total costs of which exceed \$10,000.00 but do not exceed \$50,000.00) —— \$250.00
Accessory Building and/or Appurtenant Structures, Additions and/or Substantial Improvement
o Single Family Residential or Manufactured Homes, New Single or Multi-Family Residential and
Commercial Structures or Substantial Improvement to existing Commercial Structures, Commercial
and Use Changes and Land Altering Activities
(commercial structures includes buildings used for business purposes)
(the total costs of which exceed \$50,000.00 = \$350.00 fee plus \$2.00 additional fee per
\$1,000.00 in project costs to cover amounts over
\$50,000.00)
New Industrial Structures or Additions and/or Substantial Improvement to Existing Industrial
Structures, changes in Land Use and Land Altering Activities for Industrial purposes
(industrial structures includes oil and/or natural gas wells, roads, bridges, tank pads, and
Buildings used or associated with oil and natural gas purposes)
(the total costs of which do not exceed \$100,000.00) \$500.00
(this total social of William do that should be realised)
New Industrial Structures or Additions and/or Substantial Improvement to Existing Industrial
Bructures, changes in Land Use and Land Altering Activities for Industrial purposes
(industrial structures includes oil and/or natural gas wells, roads, bridges, tank pads, and
Buildings used or associated with oil and natural gas purposes)
(the total costs of which exceed \$100,000.00 = \$1,000.00 fee plus \$5.00 additional fee per
\$1,000.00 in project costs over
\$1,000.00 flat fee up to \$100,000.00 in project
posts
Assimum Fact In no event shall any Boodniain Application Permit Fee charged under the Poddride

Maximum Fee: In no event shall any Roodplain Application Permit Fee charged under the Doddridge County Roodplain Ordinance exceed the sum of \$25,000.00.





## JAY-BEE OIL & GAS, INC.

December 26, 2013

Doddridge County Floodplain Commission 135 Court Street, Room 102 West Union, WV 26456

RE: Sneezy Pad Flood Zone

Flood Permitting Commission:

We have recently applied for a well permit for the Sneezy Pad in Tyler County, West Virginia. Included in this packet is the Doddridge County Floodplain Permit Application, set of construction plans, and WV Floodplain Tool snapshot.

Being that this location is an existing pad, and well out of the floodplain, we have reason to believe that this will not require a flood survey. Most of this well pad is assessed in Tyler County (including the wells), and we have already been approved through them for operations. Since there is earthwork being completed on the Doddridge side, we are permitting for flood review in Doddridge County. We are asking for initial review prior to submitting a large volume check.

If I am incorrect, please call me at 304-628-3111 and let me know of the remaining steps that I need to take in this process.

Sincerely,

Shane Dowell
Office Manager



## LETTER OF TRANSMITTAL

### P.O. BOX 150, GLENVILLE, WV 26351 (304) 462-5634 • FAX (304) 462-5656

Dan Wellings  RE: JayBee Sneezy Well Pad Site  the following #tems  Samples  DESCRIPTION
the following items  Samples Specifications
the following thems.
☐ Samples ☐ Specifications ☐ Specificat
USERS STATES
TYRS X
DESCRIPTION
a Project - Sneezy (D 415) Well Pad Site
☐ Resubmitcopies for approval
☐ Submitcopies for distribution
☐ Returncorrected prints
☐ PRINTS RETURNED AFTER LOAN TO US

If enclosures are not as noted, kindly notify us at once.



A DIVISION OF SMITH LAND SURVEYING, INC.

January 8, 2014

Mr. Dan Wellings Floodplain Coordinator Doddridge County Commission 118 East Court Street West Union, WV 26456

RE: JayBee Oil and Gas, Inc. Sneezy (D 415) Well Pad Site

Mr. Wellings,

On behalf of JayBee Oil and Gas, Inc., Smith Land Surveying, Inc. is submitting this letter pursuant to the requirements of the Doddridge County Floodplain Ordinance to request concurrence to complete a project in Doddridge County, West Virginia. JayBee Oil and Gas, Inc. has proposed a well pad to aid in the development of individual Marcellus Shale gas wells. The well pad entrance is located at Latitude 39.420830 and Longitude -80.672852 (NAD 83) and the well pad is located at Latitude 39.430589 and Longitude -80.670438 (NAD 83).

This site does not impact a floodplain. Please see the attached FEMA firmettes and WV Flood Tool Map.

On behalf of JayBee Oil and Gas, Inc., Smith Land Surveying Inc. is requesting your concurrence to begin construction on the Sneezy Well Pad Site once the WVDEP drilling permits are received. Please feel to contact Thomas Meeks with Smith Land Surveying Inc. at 304-462-5634 or <a href="mailto:tmeeks@slssurveys.com">tmeeks@slssurveys.com</a>, or Shane Dowell with JayBee Oil and Gas, Inc. at 304-628-3111 or <a href="mailto:sdowell@jaybeeoil.com">sdowell@jaybeeoil.com</a> should you have any questions or comments.

Respectfully submitted,

Thomas Meeks, P.S.

TM/LLP/WW

cc: Shane Dowell



# FILED

# DODDRIDGE COUNTY FLOODPLAIN DEVELOPMENT PERMIT APPLICATION

## **SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)**

- 1. No work may start until a permit is issued.
- 2. The permit may be revoked if any false statements are made herein.
- 3. If revoked, all work must cease until permit is re-issued.
- 4. Development shall not be used or occupied until a Certificate of Compliant issued.
- 5. The permit will expire if no work is commenced within six months of issuance.
- **6.** Applicant is hereby informed that other permits may be required to fulfil local, state, and federal requirements.
- 7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
- 8. I, THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE

DATE 12-26-2013

SECTION 2: PROPOSE DEVELOPMENT (TO BE COMPLETED BY APPLICANT).

IF THE APPLICANT IS NOT A NATURAL PERSON, THE NAME, ADDRESS, AND TELEPHONE NUMBER OF A NATURAL PERSON WHO SHALL BE APPOINTED BY THE APPLICANT TO RECEIVE NOTICE PURSUANT TO ANY PROVISION OF THE CURRENT DODDRIDGE COUNTY FLOODPLAIN ORDINANCE.

APPLICANT'S NAME: Jay-Bee Oil & Gas, Inc

ADDRESS: 3570 Shields Hill Rd, Cairo, WV 26337

TELEPHONE NUMBER: 304-628-3111

BUILDER'S NAME: Ellison Dozer Service ADDRESS: 184 Butternut St, Elizabeth, WV 26143-9735 **TELEPHONE NUMBER:** 304-375-3220 **ENGINEER'S NAME: Smith Land Surveying** ADDRESS: 226 W Main St, Glenville, WV 26351 **TELEHONE NUMBER: 304-462-5634** PROJECT LOCATION: NAME OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) Brian Teslovich ADDRESS OF SURFACE OWNER/OWNERS (IF NOT THE APPLICANT) PO Box 4001 Morgantown, WV 26505 **DISTRICT:** McClellan DATE/FROM WHOM PROPERTY PURCHASED: Leased 8/2010 LAND BOOK DESCRIPTION: 68.6 Acres Broad Run **DEED BOOK REFERENCE: 248/274** TAX MAP REFERENCE: Map 6 Parcel 04 EXISTING BUILDINGS/USES OF PROPERTY: Road to Drilling pad in Tyler County NAME OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT **PROPERTY** No Housing Developments ADDRESS OF AT LEAST ONE ADULT RESIDING IN EACH RESIDENCE LOCATED UPON THE SUBJECT PROPERTY No Housing Developments

To avoid delay in processing the application, please provide enough information to easily identify the project location.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

•	A	CIIVIII				SIKUCIC	JKA	LITPE	
0 10 13 10 0 0	New Struct Addition Alteration Relocation Demolitio Manufact	ı	bil Home		0 0 0 0	Residentia Non-reside	I (mo entia Use	- 4 Family) ore than 4 Family I (floodproofing) (res. & com.)	)
В.	OTHER D	EVEOPLI	MENT ACTIV	/ITIES:					
(3x) (1) (3x) (1) (2) (3x) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Watercou Drainage Road, Stre Subdivisio	rse Altero Improven eet, or Bri on (includi Water or	Mining for STRUCTUR ration (including nents (including dge Construct ng new expan Sewer Systen fy)	ng dredgi ng culvert ion nsion)	ng and ch	Γ checked a	bove	•	
C.	STANDA	RD SITE	PLAN OR SI	KETCH				`.	
. 2	SKETCH O THE LOT. INDICATION	ARD SITE IN A SEPA SHOW TH NG BUILDI RES OR LA	HE LOCATION ING SETBACKS AND USES ON	NOT BEE INCH SH OF THE II S, SIZE & I	N PREPAI LEET OF PA NTENDED HEIGHT. I	RED: APER THE S CONSTRUC	HAP CTIOI	D.  E AND LOCATION  N OR LAND USE  NG BUILDINGS,	OF
IRR	ESPECTIVE	OF WHE		R ANY	PART OF	THE SUB	BJEC	/ELOPMENT T PROPOSED	

D. ADJACENT AND/OR AFFECTED LANDOWNERS:

1. NAME AND ADDRESS OF ALL OWNERS OF SURFACE TRACTS ADJACENT TO THE AREA OF THE SURFACE TRACT (UP & DOWN STREAM) UPON WHICH THE PROPOSED ACTIVITY WILL OCCUR AND ALL OTHER SURFACE OWNERS UP & DOWN STREAM) WHO OWN PROPERTY THAT MAY BE AFFECTED BY FLOODING AS IS DEMONSTRATED BY A FLOODPLAIN STUDY OR SURVEY (IF ONE HAS BEEN COMPLETED).

HIVIE; Frank Simons				
DDRESS: 20013 Waterbeach Place	ADDRESS: 536 Elizabeth Lane			
terling, VA 20165	Glenburnie, MD 21061			
AME: Robert M Ash	NAME: Jack Lamp			
DDRESS: 2395 Whitehall Blvd	ADDRESS: HC 67 Box 131			
hitehall, WV 26554				
1 NAME AND ADDRESS OF AT LEAST	ONE ADULT RESIDING IN EACH RESIDENCE			
LOCATED UPON ANY ADJACENT PRAPPLICATION IS FILED AND THE NARESIDING IN ANY HOME ON ANY PIS DEMONSTRATED BY A FLOODPLINAME: No Permianent Residents				

### E. CONFIRMATION FORM

THE APPLICANT ACKNOWLEDGES, AGREES, AND CONFIRMS THAT HE/IT WILL PAY WITHIN 30 DAYS OF RECEIPT OF INVOICE BY THE COUNTY FOR ALL EXPENSES RELATIVE TO THE PERMIT APPLICATION PROCESS GREATER THAN THE REQUIRED DEPOSIT FOR EXPENSES INCLUDING:

- (A) PERSONAL SERVICE OF PROCESS BY THE DODDRIDGE COUNTY SHERIFF AT THE RATES PERMITTED BY LAW FOR SUCH SERVICE.
- (B) SERVICE BY CERTIFIED MAIL RETURN RECEIPT REQUESTED.
- (C) PUBLICATION.

- (D) COURT REPORTING SERVICES AT ANY HEARINGS REQUESTED BY THE APPLICANT.
- (E) CONSULTANTS AND/OR HEARING EXPERTS UTILIZED BY DODDRIDGE COUNTY FLOODPLAIN ADMINISTRATOR/MANAGER OR FLOODPLAIN APPEALS BOARD FOR REVIEW OF MATERIALS AND/OR TESTIMONY REGARDING THE EFFICACY OF GRANTING OR DENYING THE APPLICANT'S FLOODPLAIN PERMIT.

NAME (PRINT): Shane Dowell

CICNIA	TUDE:	DATE: 12-26-:	2013
SIGNA	ATURE: A TOTAL	DATE: 12-20-7	;
After	completing SECTION 2, APPLICANT should submit form to	Floodplain	
Admir	nistrator/Manager or his/her representative for review.		
SECTI	ON 3: FLOODPLAIN DETERMINATION (to be con	npleted by Floo	odplain
<u>Admi</u>	nistrator/Manager or his/her representative)		•
THE F	PROPOSED DEVELOPMENT:		
THE PI	ROPOSED DEVELOPMENT IS LOCATED ON:		
FIRM I	Panel: 45,		
Dated	Panel: 45 : 10/04/201/		
j	Is <u>NOT</u> located in a Specific Flood Hazard Area (Notify a		
review	v is complete and NO FLOOPLAIN DEVELOPMENT PERMI	T IS REQUIRED).	
[]	Is located in Special Flood Hazard Area.	•	
	FIRM zone designation		
	100-Year flood elevation is:		NGVD (MSL)
	Unavailable	•	. :
Π	The proposed development is located in a floodway.		
J-	FBFM Panel No.	Dated	•
n .	See section 4 for additional instructions.		

SIGNED Day Welly

DATE 01/22/2014

## SECTION 4: ADDITIONAL INFORMATION REQUIRED (To be completed by Floodplain Administrator/Manager or his/her representative)

The applicant must submit the documents checked below before the application can be processed.

[]	A plan showing the location of all existing structures, water bodies, adjacent roads, lot dimensions and proposed development.
	Development plans, drawn to scale, and specifications, including where applicable: details for anchoring structures, storage tanks, proposed elevation of lowest floor, (including basement or crawl space), types of water resistant materials used below the first floor, details of flood proffing of utilities located below the first floor and details of enclosures below the first floor. Also
ָנו <u>ַ</u>	Subdivision or other development plans (If the subdivision or development exceeds 50 lots or 5 acres, whichever is the lesser, the applicant must provide 100-year flood elevations if they are not otherwise available).
[]	Plans showing the extent of watercourse relocation and/or landform alterations.
()	Top of new fill elevationFt. NGVD (MSL).  For floodproofing structures applicant must attach certification from registered engineer or architect.
D	Certification from a registered engineer that the proposed activity in a regulatory floodway will not result in any increase in the height of the 100-year flood. A copy of all data and calculations supporting this finding must also be submitted.
[]	Manufactured homes located in a floodplain area must have a West Virginia  Contractor's License and a Manufactured Home Installation License as required by the  Federal Emergency Management Agency (FEMA).

	IT DETERMINATION (To be completed by Floodplain tor/Manager or his/her representative)	<u>n</u>
	nined that the proposed activity (type is or is not) in conforma	
	the Floodplain Ordinance adopted by the County Commission ay 21, 2013. The permit is issued subject to the conditions att.	
made part of		acned 1
•	•	
SIGNED	DATE	
.c., = 1		_
•	lain Administrator/Manager found that the above was not in c visions of the Doddridge County Floodplain Ordinance and/or c	
<u> </u>	he applicant may complete an appealing process below.	
ADDEALC	A Lincoln Commission of Daddides Commission	
APPEALS:	Appealed to the County Commission of Doddridge County? [	.j yes {
	Hearing Date: County Commission Decision - Approved [] Yes [] No	

# SECTION 6: AS-BUILT ELEVATIONS (To be submitted by APPLICANT before Certificate of Compliance is issued).

The following information must be provided for project structures. This section must be completed by a registered professional engineer or a licensed land surveyor (or attach a certification to this application).

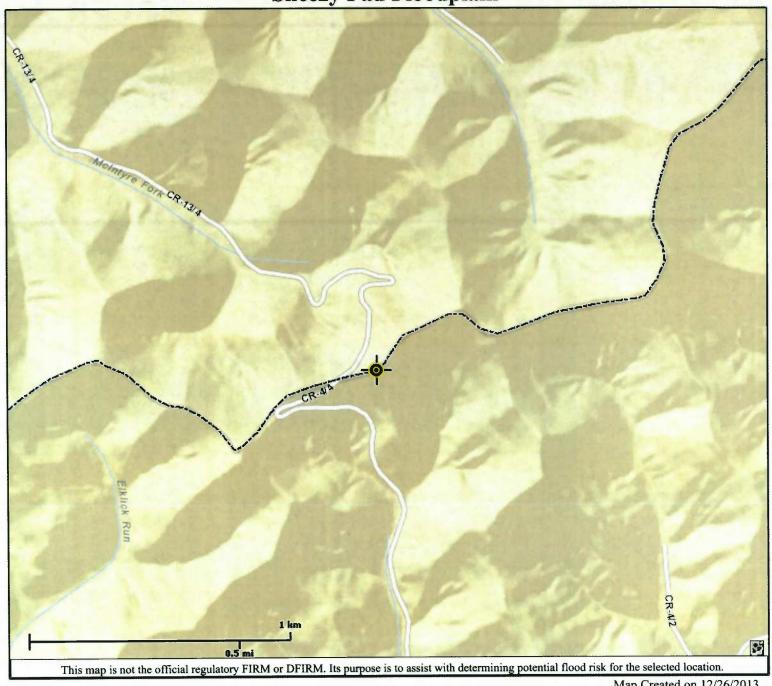
## COMPLETE 1 OR 2 BELOW:

1 Actual (As-Built) Elevation of the top of the lowest floor (including basement or
crawl space isFT. NGVD (MSL)
2 Actual (As Built) elevation of floodproofing isFT. NGVD (MSL)
Note: Any work performed prior to submittal of the above information is at risk of the applicant.
SECTION 7: COMPLIANCE ACTION (To be completed by the Floodplain
Administrator/Manager or his/her representative).
The Floodplain Administrator/Manager or his/her representative will complete this section as applicable based on inspection of the project to ensure compliance with the Doddridge County Floodplain Ordinance.
INSPECTIONS:
DATE: BY:
DEFICIENCIES ? Y/N
COMMENTS
SECTION 8: CERTIFICATE OF COMPLIANCE (To be completed by Floodplain
Administrator/Manager or his/her representative).
Certificate of Compliance issued: DATE:BY:

# CERTIFICATE OF COMPLIANCE FOR DEVELOPMENT IN SPECIAL FLOOD HAZARD AREA (OWNER MUST RETAIN)

	PERMIT NUMBER: PERMIT DATE:		
PURI	POSE —		
CONSTRUCTION LOCAT	ION:		
OWNER'S ADDRESS:			
	BE COMPLETED BY THE FLO	OODPLAIN	
ADMINISTRATOR/MAN	IAGER OR HIS/HER AGENT.		
	HEREBY CERTIFIED WITH TH		<u>;</u> :
	ICE ADOPTED BY THE COUN	TY COMMISSION OF	`
DODDRIDGE COUNTY (	)N MAY 21, 2013.		
			;
SIGNED	•	_DATE	

**Sneezy Pad Floodplain** 



Map Created on 12/26/2013



Location of the mouse click



Flood Hazard Zone (1% annual chance floodplain)

**User Notes:** 

#### Disclaimer:

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.

WV Flood Tool is supported by FEMA, WV NFIP Office, and WV GIS Technical Center (http://www.MapWV.gov/flood)

Flood Hazard Area: Selected site is NOT WITHIN any identified flood hazard area. Unmapped flood hazard areas may be present.

Elevation: About 1348 feet

Location (long, lat): 80.670769 W, 39.430413 N Location (UTM 17N): (528335, 4364593) FEMA Issued Flood Map: 54017C0045C

Contacts: Doddridge County

CRS Information: No CRS information available

Parcel Number:

## SNEEZY (D415) PAD SITE PLAN JAY BEE OIL AND GAS INC.

PROPOSED SNEEZY-1, SNEEZY-10, & SNEEZY-11 WELLS

SITUATE ON THE WATERS OF MCINTYRE FORK IN MCELROY DISTRICT, TYLER COUNTY, WEST VIRGINIA DISTRICT, DODDRIDGE COUNTY, WEST VIRGINIA.

#### LOCATION MAP



2 - INDEX

3 - SITE PLAN

4 - SITE PLAN

5 - SITE PLAN

7 - PROFILE & CROSS-SECTIONS

8 - CONSTRUCTION NOTES

9 - CONSTRUCTION DETAILS

10- CONSTRUCTION DETAILS





AND AN UNNAMED TRIBUTARY OF BROAD RUN IN MCCLELLAN

SITE LOCATION:
THE SNEEZY WELL PUB IS LOCATED APPROXIMATELY 500' EAST OF COUNTY ROUTE 4/4. APPROXIMATELY 1.91MLES NORTH OF THE COUNTY NOUTE 4/4 AND COUNTY ROUTE 4 INTERSECTION.

#### LOCATION COORDINATES

FRANK SMONS
TYLER AND DODDIDGE COUNTIES, WY
TOTAL PROPERTY AREA: 49.5± ACRES
TAX MAP/PARCEL: 13/21 (TYLER COUNTY)

PROJECT INFORMATION

CENTER OF WELL PAO. LATTILIDE: 39.430589 LONGTILIDE: 80.670438 (NAD 83) ROAD ENTRANCE. LATITUDE: 39.420830 LONGITUDE: 80.872852 (NAD 83)

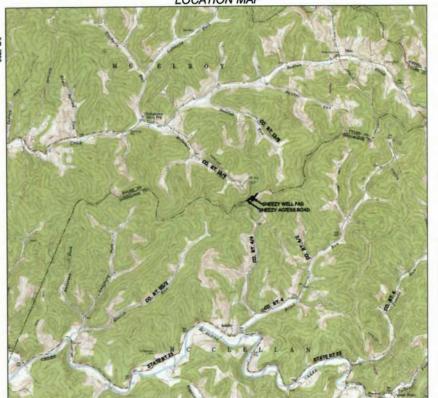
#### SITE DISTURBANCE COMPUTATIONS

TOTAL DISTURBANCE = 8.2# ACRES

#### GENERAL DESCRIPTION

#### ENVIRONMENTAL NOTES

MISS Utility of West Virginia 1-800-245-4848 West Virginia State Law (Section XIV: Chapter 24-C) Requires that you call two business days before you dig in the state of West Virginia. IT'S THE LAW!!



CENTER POINT QUAD





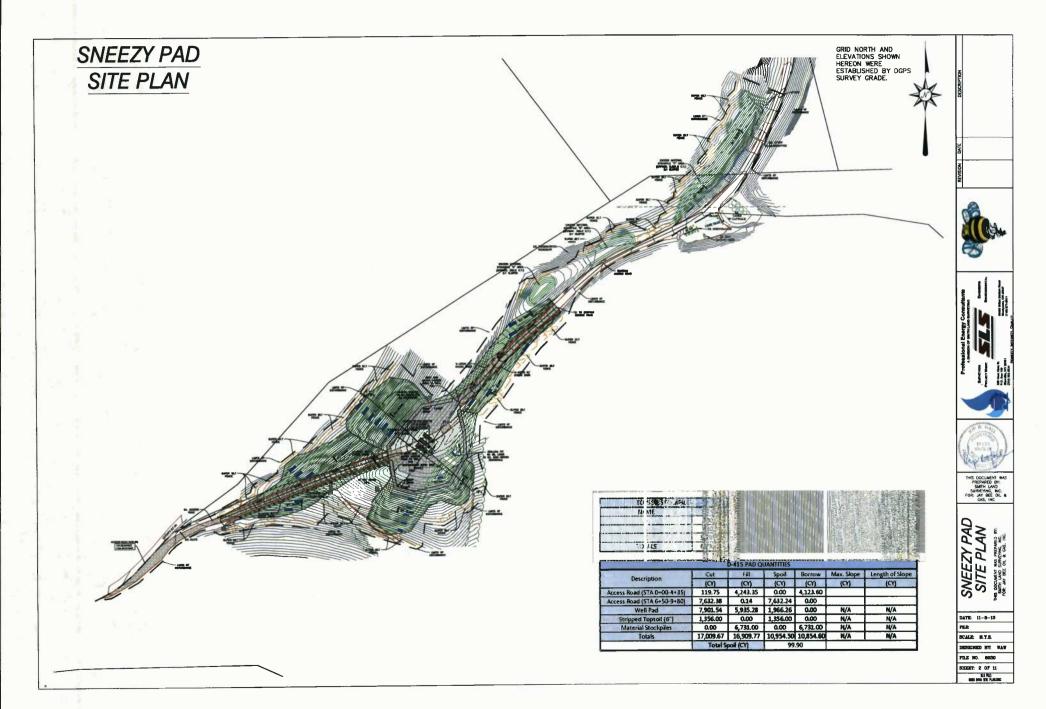


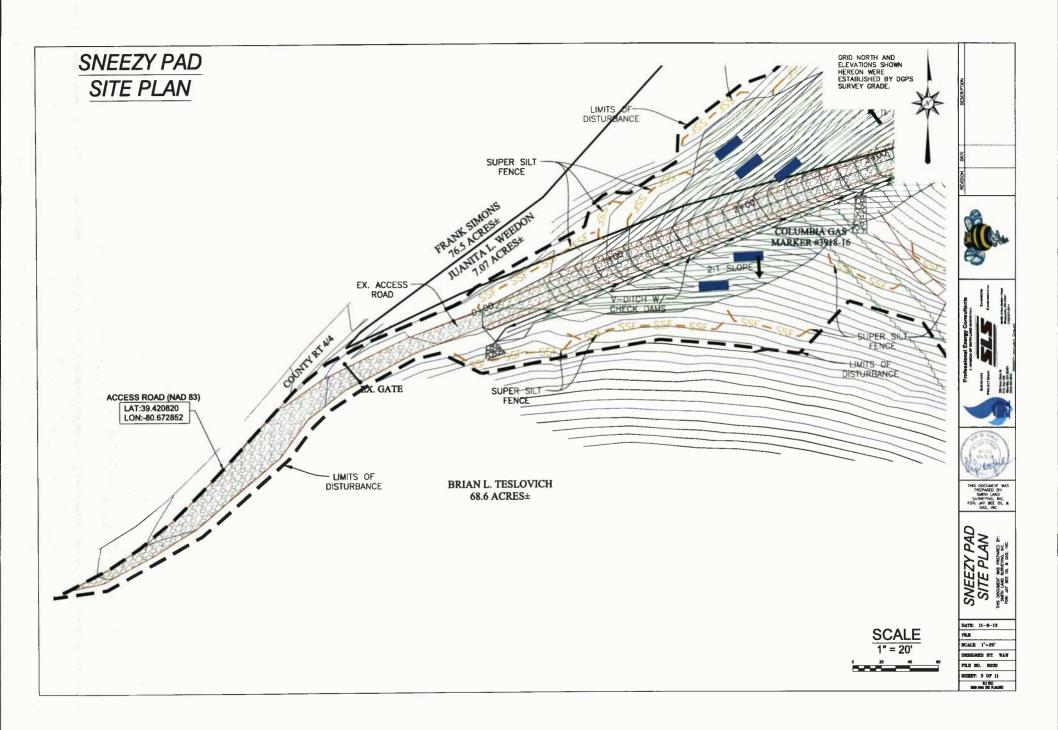


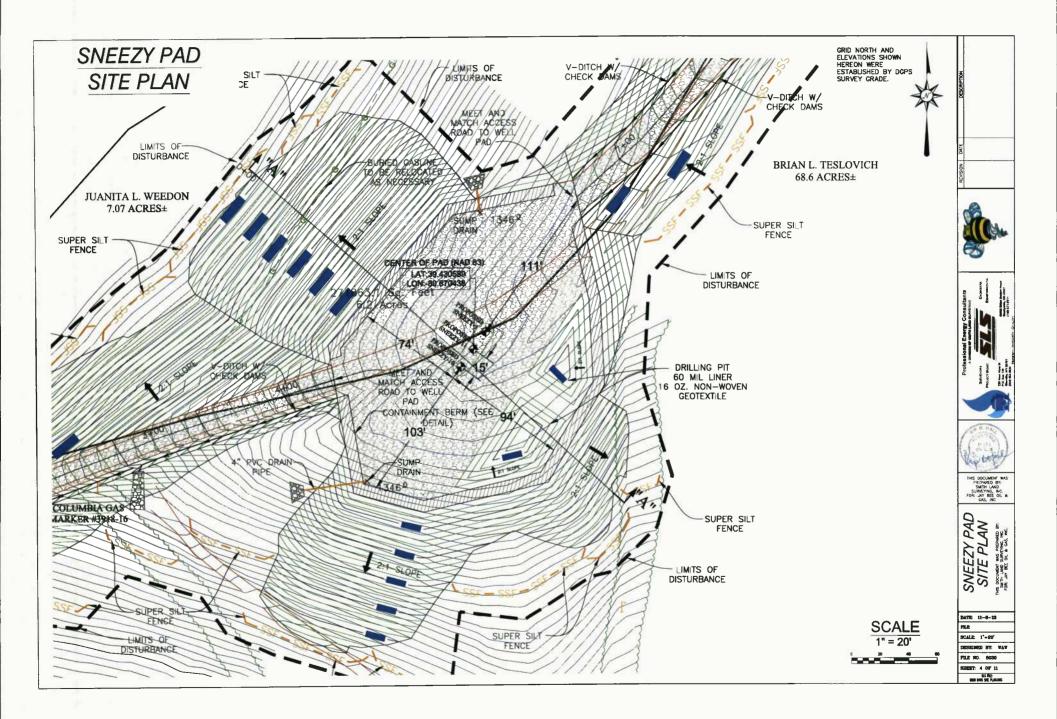
SNEEZY PAD SITE PLAN THE COCKER WE PROVIDE IN-THE LAY BE CA C. C. C. C.

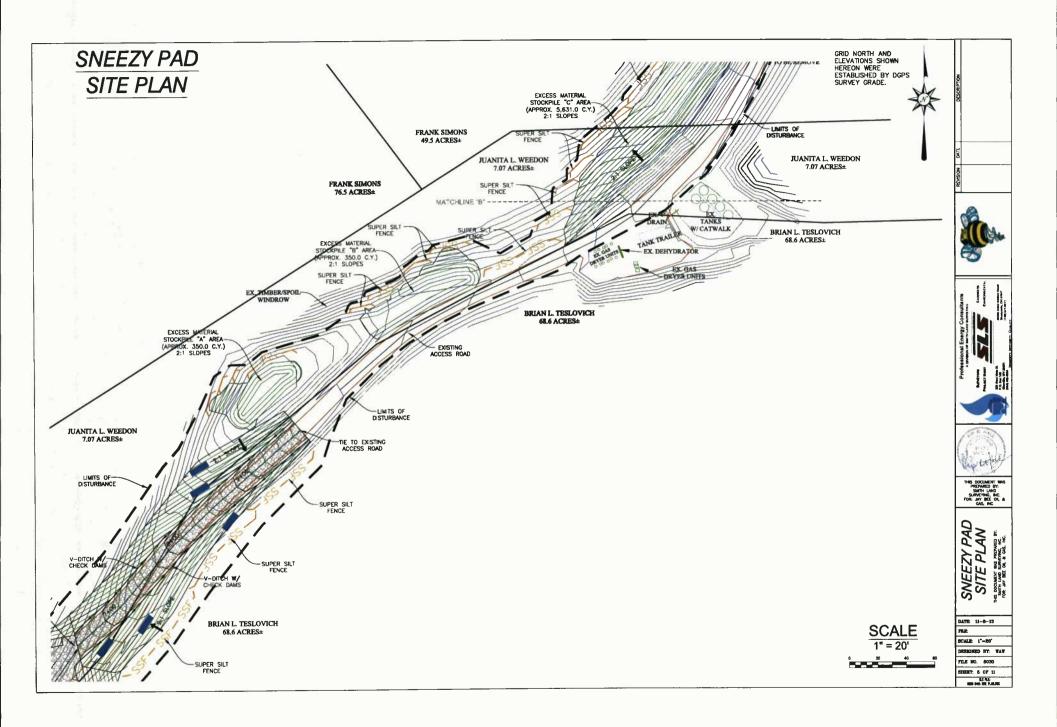
DATE: 11-8-13 SCALE: M.T.S. DESIGNED SV. WAY FILE 10. 8030

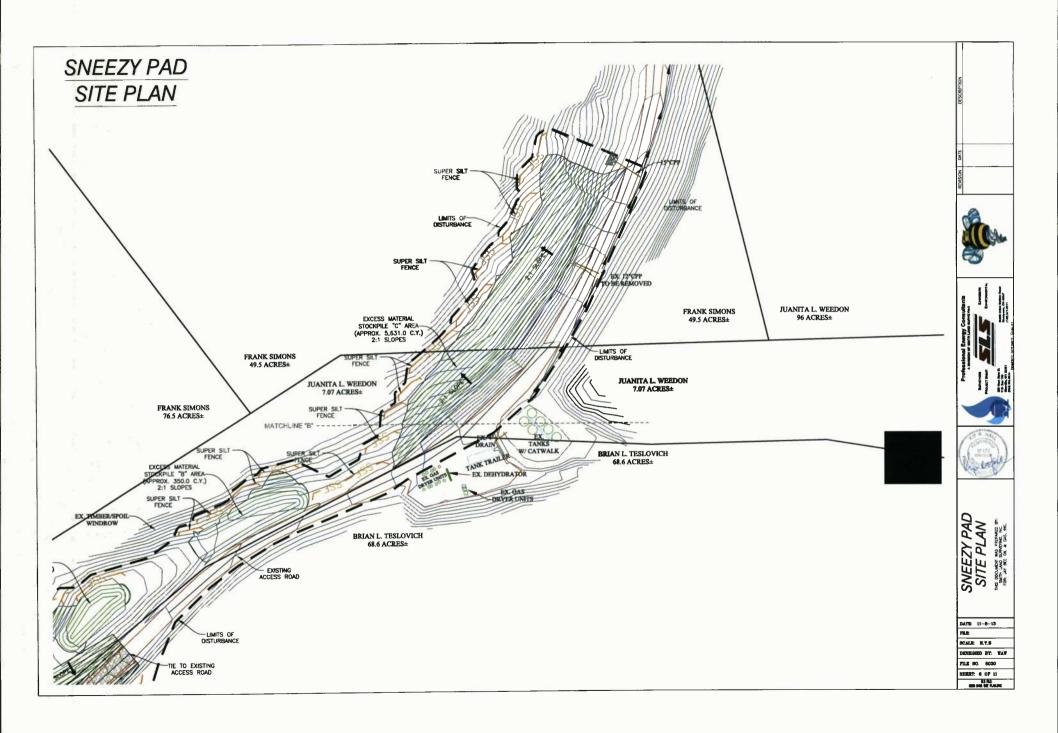
SHEET: 1 OF 11



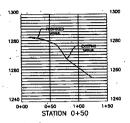


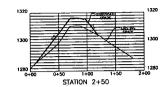


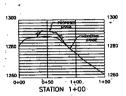


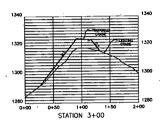


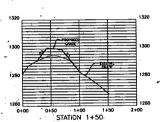
## **ROAD SECTIONS**

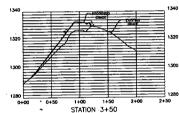


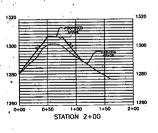


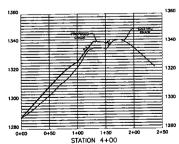






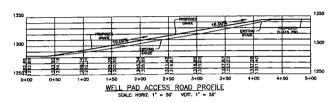




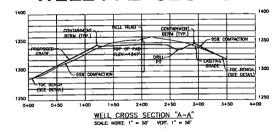


WELL: PAD ACCESS ROAD CROSS—SECTIONS

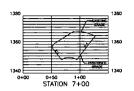
## **ROAD SECTIONS**

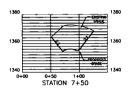


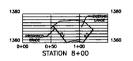
## **WELL PAD SECTION**

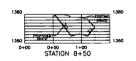


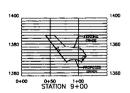
## **ROAD SECTIONS**

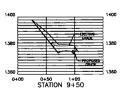












WELL PAD ACCESS ROAD CROSS—SECTIONS

SCALE: HORIZ. 1° = 50' VERT. 1° = 20'







SSED WELLS: D416-1, D415-10, & D416-1)

SNEEZY PAD

INS. DICLUDIT WAS PERPARDE OF

SMITL UP SURFACE OF 186-1, WE.

DATE: 11-6-13

SCALE N.T.S
DESIGNED BY: WAW

SHEET: 7 OF 11

# SNEEZY PAD CONSTRUCTION NOTES

#### CONSTRUCTION NOTES:

- METHODS AND MATERIALS USED IN THE CONSTRUCTION OF THE IMPROVEMENTS HEREIN SHALL CONFORM TO THE CURRENT COUNTY CONSTRUCTION STANDARDS AND SPECIFICATIONS AND/OR CURRENT WODE PEOSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICE MANULA STANDARDS AND SPECIFICATIONS.
- 2. MEASURES TO CONTROL EROSION AND SILTATION, INCLUDING OFTENTION PONDS SERVING AS SILT BASINS DURING CONSTRUCTION, MUST SE PROVIDED PRIOR TO ISSUANCE OF THE SITE DEVELOPMENT PERMIT. THE APPROVAL OF THESE PLANS IN NO WAY RELEVES THE DEVELOPER OR HIS ACENT OF THE RESPONSIBILITIES CONTAINED IN THE WYDEP EROSION AND SEDUMENT CONTROL BEST MANAGEMENT PRACTICE WANULL.
- AN APPROVED SET OF PLANS AND ALL APPLICABLE PERMITS MUST BE AVAILABLE AT THE CONSTRUCTION SITE. ALSO, A REPRESENTATIVE OF THE DEVELOPER MUST BE AVAILABLE AT ALL TIMES.
- 4. THE CONTRACTOR SHALL PROMDE ADEQUATE MEANS OF CLEANING MUD FROM TRUCKS AND/OR OTHER EQUIPMENT PRIOR TO ENTERING PUBLIC STREETS, AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN STREETS, ALLY DUST, AND TO TAKE WHATEVER MEASURES ARE NECESSARY TO DESURE THAT THE STREETS ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- NOTIFICATION SHALL BE GIVEN TO THE APPROPRIATE UTILITY COMPANY PRIOR TO CONSTRUCTION OF WATER AND/OR GAS PIPE LINES. INFORMATION SHOULD ALSO BE OBTINNED FROM THE APPROPRIATE AUTHORITY CONCERNING PERMITS, CUT SHEETS, AND CONNECTIONS TO EXISTING LINES.
- 6. THE LOCATION OF EXISTING UTILITIES SHOWN IN THESE PLANS ARE FROM FIELD LOCATIONS. IT SHALL BE THE CONTRACTIONS RESPONSIBILITY TO VERBY THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AS NEEDED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL INFORM THE ENGINEER OF ANY CONFLICTS ARISING FROM HES EXISTING UTILITY VERTICATION AND THE PROPOSED CONSTRUCTION.
- The developer will be responsible for any damage to the Edisting Streets and utilities which occurs as a result of his construction project within or configuous to the Edisting Right-Of-Way.
- 6. WHEN GRADING IS PROPOSED WITHIN EASEMENTS OF UTILITIES, LETTERS OF PERMISSION FROM ALL INVOLVED COMPANIES MUST BE OBTAINED PRIOR TO GRADING AND/OR SITE PRIOR TO GRADING AND/OR SITE
- 9. THE DEVELOPER WILL BE RESPONSIBLE FOR THE RELOCATION OF ANY UTILITIES WHICH IS REQUIRED AS A RESULT OF HIS PROJECT. THE RELOCATION SHOULD BE DONE PRIOR TO
- 10. THE CONTRACTOR IS TO VERIFY FIELD CONDITIONS PRIOR TO AND DURING CONSTRUCTION AND SWITH LAND SURVEYING AT (304) 462-5634 IMMEDIATELY OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THE APPROVED PLAN.
- 11. CONTRACTORS SHALL NOTIFY OPERATORS WHO MAINTAIN UNDERGROUND UTILITY LINES IN THE AREA OF PROPOSED EXCAVATING OR BLASTING AT LEAST TWO (2) WORKING DAYS, BUT NOT MORE THAN TEN (10) WORKING DAYS, PRIOR TO COMMENCEMENT OF EXCAVATION OR DEPAIL ITION.
- 12. CONTRACTOR TO CONTACT OPERATOR AND ENGINEER IF GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION.
- 13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR DALY AND CHECKED AFTER EVERY RAINFALL. ALL DRAIN DILETS SHALL BE FREE OF SUTATION AND DEBRIS. INEFFECTIVE MEASURES SHALL BE REPLACED, AS METERSARY.
- 14. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE EROSION AND SEDIMENT CONTROL INSPECTOR, 2 DAYS PRIOR TO THE START OF CONSTRUCTION.

#### SITE CLEANUP & RECYCLE PROGRAM

- CARBACE, FUELS OR ANY SUBSTANCE HARMFUL TO HUMAN, AQUATIC OR FISH LIFE, SHALL BE PREVENTED FROM ENTERING SPRINGS, STREAMS, PONDS, LAKES, WETLANDS OR ANY WATER COURSE OR WATER BODY.
- 2. OILS, FUELS, LUBRICANTS AND COOLANTS SHALL BE PLACED IN SUITABLE CONTAINERS AND DISPOSED PROPERLY.
- 3. ALL TRASH AND GARBAGE WILL BE COLLECTED AND DISPOSED PROPERLY.
- ALL SEDIMENT REMOVED FROM SEDIMENT CAPTURING DEVICES SHALL BE PLACED AT AN AREA IN THE PLANT (4 MILE ROUND TRP), THEN SEEDED AND MULCHED.

#### MAINTENANCE PROGRAM

ALL MAINTENANCE ACTIVITIES WILL BE PERFORMED BY THE CONTRACTOR DURING THE ACTIVE CONSTRUCTION PHASE OF THE PROJECT. UPON COMPLETION OF THE ACTIVE CONSTRUCTION PHASE, RELD ENGINEER/OPERATOR WILL PERFORM MAINTENANCE

- BMP'S WILL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH MEASURABLE RAINFALL EVENT DURING THE ACTIVE CONSTRUCTION PHASE OF THE PROJECT.
- ALL REVEGETATED ACCESS ROADS AND FACILITIES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF EACH STRUCTURE.
- CULVERTS, ROAD DITCHES, BROAD-BASED OPS, DWPRSION DITCHES, AND ROCK CHECK DAMS MUST BE MAINTAINED IN PROPER WORKING ORDER AND WILL BE CLEANED OUT, REPAIRED, OR REPLACED AS INCESSARY.
- 4. FILTER STRIPS AND/OR SILT FENCE WILL BE MAINTAINED.
- 5. ALL AREAS OF EARTH DISTURBANCE WILL BE REPAIRED WHERE SIGNS OF ACCELERATED EROSION ARE DETECTED.
- 6. SEEDING AND MULCHING WILL BE REPEATED IN THOSE AREAS THAT APPEAR TO BE FAILING OR HAVE FAILED.

#### CONSTRUCTION SEQUENCE

THE DEVELOPMENT OF THIS SITE SHALL BE CONSISTENT WITH THE FOLLOWING GENERAL SEQUENCE OF CONSTRUCTION. THE CONTRACTOR SHALL IMPLICATI, MUNTAUN, AND OPERATE ALL PROPOSED ENGINENT CONTRACTOR SHALL BE DEFECTION WITHCRET THE TRAZARD OF ACCEPTABLE PROSEIN AND SEDIMENTATION TO ACCEPTABLE LEVELS. MINOR DEVALUTIONS FROM THES SEQUENCE SHALL BE EXCURTED BY THE PROJECT'S SUPERINTEDIDATE AS REDED TO ELIMINATE ANY POTENTIAL EROSMY CONDITION THAT MAY ARSE FOR THE DURATION OF THE PROJECT. THE WORD OFFICE OF OIL AND GAS SHALL BE NOTIFIED OF ANY AND ALL SUCH DEVALUTIONS FROM THE APPROVED PLANS.

 THE EXISTING WELL PAD AND ACCESS ROAD ARE MOSTLY STABILIZED WITH VEGETATION. AN AREAS THAT APPEAR UNSTABLE AND/OR CROSSVE DURING THE DRILLING PROCESS SHALL BE ADEQUATED'S STABILIZED IMMEDIATELY.

- 2. ADEQUATE OUTLET PROTECTION SHALL BE INSTALLED AT ALL EXISTING CULVERTS.
- 3. ROCK CHECK DAMS SHALL BE INSTALLED IN ALL EXISTING DITCH LINES, AS NECESSARY.
- 4. ADDITIONAL GRAVEL SHALL BE PLACED ON THE WELL PAD AND ACCESS ROAD, AS NECESSARY.
- 5. ANY EXISTING SILT FENCE ALONG THE TOE OF SLOPE SHALL BE PREPARED, AS NECESSARY.







SNEEZY PAD
CONSTRUCTION NOTES
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DATE: 11-8-13

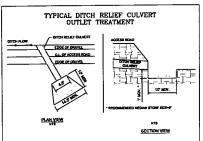
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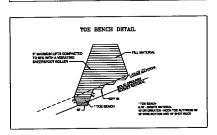
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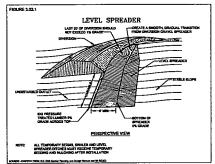
SHEET: 8 OF 11

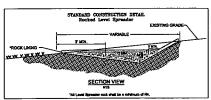
# FIGURE 1.02.1 STONE CONSTRUCTION ENTRANCE SIDE ELEVATION

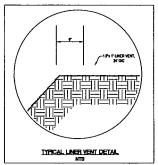
## SNEEZY PAD SITE PLAN **CONSTRUCTION DETAILS**

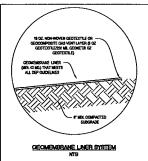


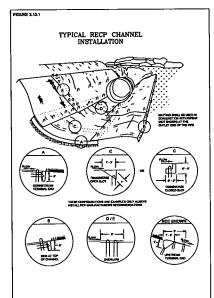


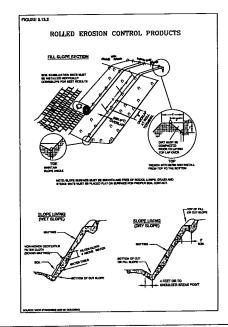


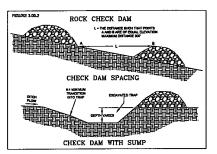


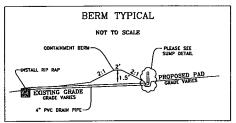


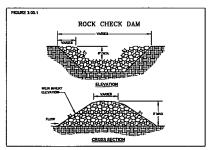


















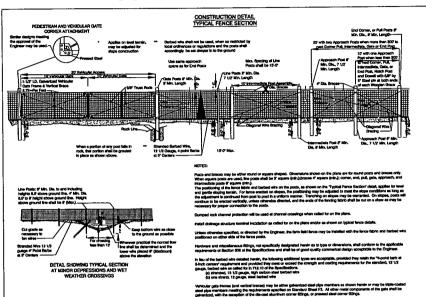


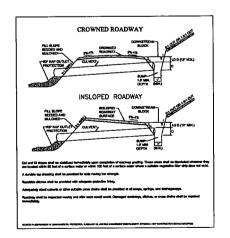
SNEEZY PAD
CONSTRUCTION DETAILS

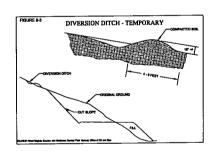
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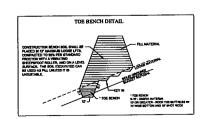
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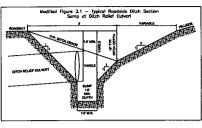
## SNEEZY PAD SITE PLAN **CONSTRUCTION DETAILS**



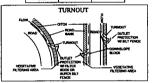








	izes for C cross Roa	
Dreinage Area (Ac)	Pipe Diameter (In)	Pipe Cepacity (Cfs)
10	15	5
20	18	9
30	21	12
50	24	18
80	27	24
100	30	29
300	38	60
500	42	85



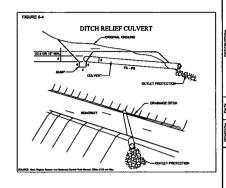
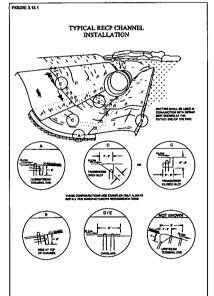
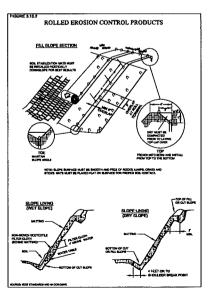
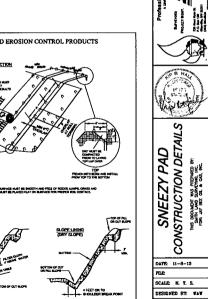


Table D-8					
Spacing of					
Culverts					
Road Grade	Distance				
%	(Ft)				
2-5	500-300				
6-10	300-200				
11-15	200-100				
16-20	100				







DESIGNED BY: WAW PILE NO. 6030 SHEET: 10 OF 11

## SNEEZY PAD SITE PLAN REVEGETATION DETAILS

Dised Mixtures and Pionting Octas
Refer to Tobbe 2 through 4 for recommended cities to establish weight one
core and the responsed table of the recommended cities to establish weight one
core and the responsed to the recommended types of temporary
vegetation, rates of application, and optimum seeding dottes. In shutdows
where combine core is desired, contact the local coll conservation district

) hour of livrous name, no one of Fertilizer on to the State page of the spile to dil permonent seedings. The pH of the spil is to be determined and time opplied occordingly. Once the pH is known, select the amount of time to be applied from Toble M-S, select the amount of time to be applied from Toble M-S, to the permonent of the spile of the M-S, to the M-S, to the M-S, to the spile of the M-S, to the M-S, the M-S

NV.

A for unprepared seedbeds or seeding outside the optimum timeframes, odd 30% more seed to the specified rote. Michares in toble 4b ore more stidillic and form friendly those listed in bold are suitable for use in shaded woodland settlings. Michares in Italia are suitable for use in

discussion for WIDEAs Metalical Consider the use of the notice plants or locally adequate plants are fixed metalical plants are selecting cover types and species for which is otherwise. The process or mises both how multiple velous should be considered, so the process of the

Anchoring on the field siluction, much may not stoy in place because of peperding on the field siluction, much may not stoy in place because of the period of the story of the story of the story of the story of the 1. Isachanical Anchoring 1. Isachanical Anchoring Apply much on the story of the story of the story of the deep story of the story of the story of the story of the deep story of the story of the story of the story of the deep story of the story of the story of the story of the deep story of the story of the story of the story of the deep story of the Story of Story of

#### Table 2

Acceptable Percuration Recommission					
Seedes	N (Bs/sc)	P2O5 (Ros/ac)	Example Rec. (per acre)		
Cool Season Grass	40	80	400 lbs. 10-20-20		
CS Grass & Legume	30	60	300 lbs. 10-20-20		
Tamasana Carar	40	40	200 Bs. 19-19-19		

#### Table (V-1

FORCOLLEGIS DESCRIP CHIES			
Planting Dates	Sukability		
March 1 - April 15 and August 1 - October 1	Best Seeding Periods		
April 15 - August 1	HIGH RISK - moisture stress likely		
October 1 - December 1	HIGH RISK - freeze damage to young seedlings		
December 1 - March 1	Good seeding period. Dormant seeding		

#### Table 3

		Temporary Cover		
Species	Seeding Rate (lbs/acre)	Optimum Seeding Dates	Drainage	pH Range
Annual Ryegrass	40	3/1 - 6/15 or 8/15 - 9/15	Well - Poorty	\$5.75
Field Bromegrass	40	3/1 - 6/15 or 8/15 - 9/15	Well - Mod, Well	6.0 - 7.0
Spring Oats	95	3/1 - 6/15	Well - Poorty	5.5 - 7.0
Sundangrass	40	5/15 8/15	Well - Poorly	5.5 - 7.5
Winter Rye	168	8/15 - 10/15	Well - Poorty	5.5 - 7.5
Winter Wheat	180	8/15 - 11/15	Well - Mod. Well	5.5 - 7.0
Japanese Millet	30	6/15 - 8/15	Well	4.5 - 7.0
Redtoo		3/1 - 6/15	Well	4.0 - 7.5
Annual Ryegrass	26	3/1 - 6/15	Well - Poorty	5.5 - 7.5
Spring Oats	54	3/1 - 6/15	Well - Poorly	5.5 - 7.5

Species/Mixture	Seeding Rate (Ibs/acre)	Soll Drainage preference	pH Range
Crownvetch /	10 - 15	Well - Mod. Well	10.75
Tall Fescue	30	ALER - INDOC MEN	1.0 - 7,3
Crownvetch /	10 - 15	Well - Mod. Well	5.0 - 7.5
Perennial Ryegrass	20	AMERI - MADEL AND IN	3.0 - 7.3
Flatpea or Perennial Pea /	20	Well - Mod. Well	40-80
Trill Fescuse	15	WEN - IMOD. FFEII	4.0 - 6.0
Ladino Cover /	30		
Serecia Lespedeza/	25	Well - Mod. Well	4,5 - 7,5
Tall fescue	2		
Tall Fescue /	40		
Ladino Giover /	,	Well - Mod. Well	5.0 - 7.5
Redtop	3		
Crownwetch /	10		
Tall Fescue /	20	Well - Mod, Well	5.0 - 7.5
Redtop	3		
Tall Fescue /	40		
Birdsfoot Trefoil /	10	Well - Mod. Well	5.0 - 7.5
Redtop	3		
Serecia Lespedeza /	25		
Tall Fescure /	30	Well - Mod. Well	4.5 - 7.5
Redtop	3	*	
Redtop/	30		
Tall Fescue /	3	Well - Mod. Well	5.0 - 7.5
Creeping Red	\$0		
Tall Fescue	50	Well - Poorly	45-75
Perennial Ryegrass /	10		
Tall Fescue /	15	Wall-Poorty	5.8 - 8.0
Lethco Flatpes *	20		

\* Lather' Flatpen is potentially poisonous to some fivestock. All legames should be planted with proper inocular

Species/Misture	Seeding Rate (Hu/acre)	Sall Drainage preference	pH Range	
KY Bluegrass /	20			
Redtop /	3	Well - Mod. Well	5.5 - 7.5	
adino Clover or Birdsfoot Trefoil	2/10			
Timothy /	5 Well - Mod. Well		65-80	
Alfalfa	12	Wes - MOO, Wes	6.5 - 8.0	
Timothy /	5	Well - Poorly	5.5 - 7.5	
Birdsfoot Trefoli	8	was - roomy	25 - 7.3	
Orchardgrass /	10			
Ladino Clover /	2	Well - Mod. Well	55-75	
Redtop	. 3			
Orchardgrass /	10	Wed - Mad. Well	55-75	
Ladino Claver	2	TYEN - MILLS IN EU	3.3 - 7.3	
Orchardgrass /	20	Well - Mod. Well	5.5 - 7.5	
Perennial Ryegrass	10	IFCH - MAAL TVEE	23.7.3	
Creeping Red Pescue /	30	Well - Mart Well	\$5.75	
Perennial Ryegrass	10			
Orchardgrass or KY Bluegrass	20	Well - Mod. Well	6.0 - 7.5	
Birdsfoot Trefoil /	10			
Redtop /	5	Well - Mod. Well		
Orchardgrass	20			
Lirthco Flatpea */	30	Well - Mod. Well		
Perennial Ryegrass	20	mes · mico. mes	55-75	
Lathco Flatpea */	30	Well - Mad. Well	5.5 - 7.5	
Orchardarass	20	Wes - Mod. Wes		

\* Lathca' Flatpea is parentially poisonous to some livestock. All legumes should be planted with proper inoculants prior to seeding. For unprepared seedbeds or seeding outside the optimum timeframe, odd 50% more seed to the specified rate. Mixtures listed in bold are suitable for use in shaded woodland settings; those in Italies are suitable for use in filter strips.

#### Table RCS

Lizes and Fertilizer Application Table				
pet of Soll Lime to Yone per Acro Fertiliser, Lhr., per Acro (10-28-20 or Equivalent				
Above 6.0	2	\$00		
5.0 to 6.0	3	sco		
Below 5.0	4	sco i		

The pH can be determined with a partable pH testing kit or by sending the soil samples to a soil testing laboratory.

#### Table IV-6

MILLU MIZERIA RELES ELLO COES			
Material	Minimum Rates per acre	Coverage	Remarks
Hay or Straw	2 to 3 Tons	Cover 75% to 90%	Subject to wind blowing or washing unless
	100 to 150 bales	of Surface	tled down
Wood Fiber	1000 to 1500 fbs	Cover all	For hydroseeding
Putp Fiber		Disturbed Areas	*
Wood - Cellulose			
Reginculated Paner			

Tables N 1-4 taken from Natural Resources Conservation Service Manual 'Critical Area Planting'







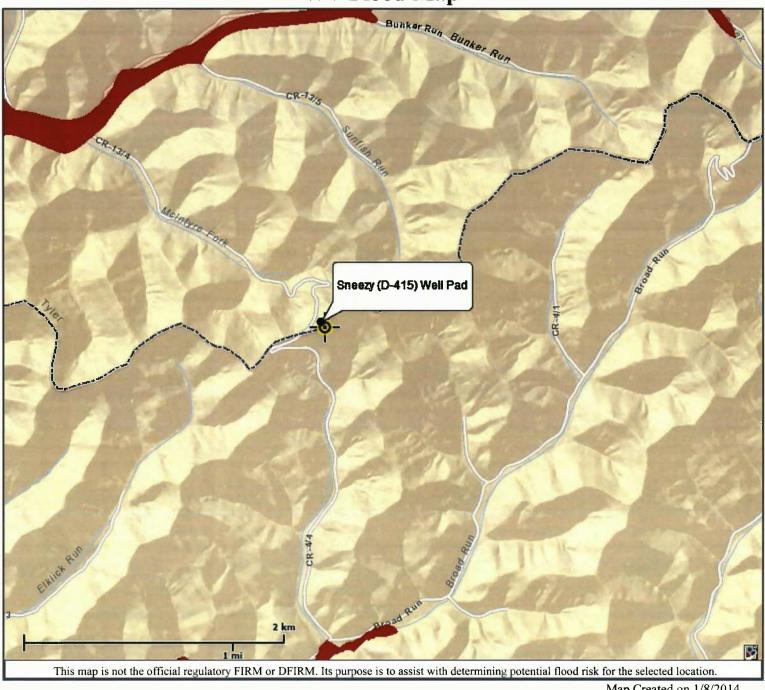


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SNEEZY PAD RECLAMATION DETAIL

DATE: 11-8-13 SCALE: N. T. S. DESIGNED BY: WAW FELE NO. 8030

SHEET: 11 OF 11 SUSTEMBLE STATES WV Flood Map



Map Created on 1/8/2014



Location of the mouse click



Flood Hazard Zone (1% annual chance floodplain)

#### **User Notes:**

8030 JayBee Sneezy (D-415) Well Pad

#### Disclaimer:

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.

WV Flood Tool is supported by FEMA, WV NFIP Office, and WV GIS Technical Center (http://www.MapWV.gov/flood)

Flood Hazard Area: Selected site is NOT WITHIN any identified flood hazard area. Unmapped flood

hazard areas may be present.

Elevation: About 1356 feet

Location (long, lat): 80.670360 W, 39.430501 N

**Location (UTM 17N):** (528370, 4364603) FEMA Issued Flood Map: 54017C0045C

Contacts: Doddridge County

CRS Information: No CRS information available

Parcel Number:

