

### west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452 Jim Justice , Governor Austin Caperton , Cabinet Secretary www.dep.wv.gov

Thursday, March 30, 2017 WELL WORK PERMIT Vertical / Plugging

CHEVRON APPALACHIA, LLC (A) POST OFFICE BOX 611

MOON TOWNSHIP, PA 15108

Re:

Permit approval for PRENDERGAST 1

47-051-01113-00-00

This well work permit 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 any additional specific 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 of 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.

Per 35 CSR 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) 926-0450.

James A. Martin

Operator's Well Number: PRENDERGAST 1 Farm Name: PRENDERGAST, MICHAEL U.S. WELL NUMBER: 47-051-01113-00-00

Vertical / Plugging

Date Issued: 3/30/2017

Promoting a healthy environment.

### **PERMIT CONDITIONS**

West Virginia Code §22-6-11 allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

### **CONDITIONS**

- 1. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 2. In the event of an accident or explosion causing loss of life or serious personal injury in or about the well or while working on the well, the well operator or its contractor shall give notice, stating the particulars of the accident or explosion, to the oil and gas inspector and the Chief within twenty-four (24) hours.
- 3. Well work activities shall not constitute a hazard to the safety of persons.
- 4. This well is under a consent order and must be plugged under the terms of that agreement.

1) Date January 30 ,	20 17
2) Operator's	-
Well No. Prendergast 1	
3) API Well No. 47-051	- 01113

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

### APPLICATION FOR A PERMIT TO PLUG AND ABANDON

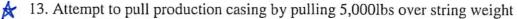
	APPLICATION FOR A PE	MATTI TO FING AND ADAMOUN
4)	Well Type: Oil / Gas X / Liqu	nid injection/ Waste disposal/
		Underground storage) Deep/ Shallow X
5)	Location: Elevation 1389	Watershed Hickman Run
	District Liberty	
6)	Well Operator Chevron Appalachia, LLC	7)Designated Agent
	Address 800 Mountain View Dr	Address
	Smithfield, PA 15478	
8)	Oil and Gas Inspector to be notified	9) Plugging Contractor
	Name James Nicholson	Name
	Address P.O. Box 44	Address
	Moundsville, WV 26041	
No.		
10)	Work Order: The work order for the ma	nner of plugging this well is as follows:
-01	work order. The work order for the ha	mer or prugging this well is as follows:
;	see attached	
	WELL BORE MUST BE F	ILLED WITH GEL
	BETWEEN EACH CEMENT PL	206,
		REGENTER
	GRL - FRESH WATER WITH	A MINIMUM
	GEL - MESH WATER WITE	(BY WEIGHT)
		FEB 1 7 2017
	gam	
		WV Department of
		Environmental Protection
Noti	ification must be given to the district	oil and gas inspector 24 hours before permitted
	c can commence.	
Work	order approved by inspectors. The	Osb Date 2/9/2017
HOLK	order approved by inspector	Date
	U	

### Prendergast 1 P&A Procedure

EOT at 7,612'

5-1/2" x 9-5/8" Annulus Estimated Cement from 7,746' to 2,980'

- 1. R/U slickline perform gauge ring run
- 2. Kill well with KWF
- 3. Install plug in X-Nipple at approximately 7,584'
- 4. MIRU service rig
- 5. N/U BOP stack and test
- 6. Pull plug
- 7. Pull TBG hanger
- 8. Squeeze Marcellus and Burkett perforations with minimum 0.5 ppg over KWF class A with up to 3% CaCl cement from 7,638 to 7,400'
- 9. Pull production tubing and displace with minimum 0.5 ppg over KWF class A with up to 3% CaCl cement to approximately 3,000'
- 10. Install CIBP at approximately 2,995'
- 11. TIH with tubing
- 12. Cut 5-1/2" P110 Production casing at approximately 2,700'



- 14. L/D 5-1/2" casing
  - a. If unsuccessful perforate 5-1/2" production casing at approximately 2,650'
  - b. Squeeze minimum 0.5 ppg over KWF class A with up to 3% CaCl cement to approximately 100'
- 15. TIH with work string
- 16. Pump minimum 0.5 ppg over KWF class A with up to 3% CaCl cement from approximately 2,995' to 100'.

### Offline

- 1. Cut off Wellhead.
- 2. Install permanent monument (pipe to surface)
  - Cement remaining wellbore to surface

REGEIVED Office of Oil and Gas

- Minimum diameter of 6"
- Pipe shall extend to a depth of 10' below GL into well

- Pipe shall extend to a depth of >30" above GL

- Monument shall be sealed with concrete

WV Department of

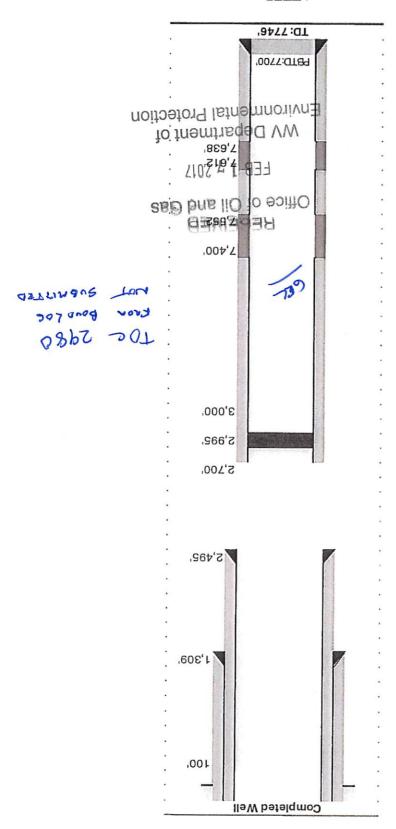
FEB 1 7 2017

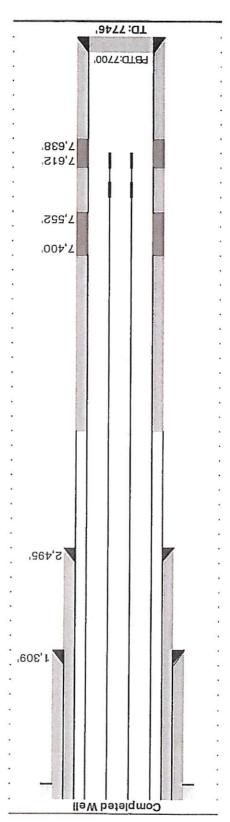
- API well identification number shall be stamped on monument with lettering no smaller than 1/2"

150% OF CAPABLE OF PULLING STHING WEIGHT. EVERY REASONABLE EFFORT NEEDS TO CASING SHOE. PLU6 HOLE 03/31/2017 THE



### **BEŁOKE**





WR-35

# State of West Virginia Department of Environmental Protection

API#:

DATE:

11/20/2009

### Office of Oil and Gas Well Operator's Report of Well Work

PI#: 4705101113



							10
		endergast	Op	erator We	ell #: 1		
Loc	***************************************	89		Quadran	gle: Litt	leton	
	District: Ca	meron		Cou	nty: Ma	rshall	-
							***************************************
LAT:	650 Ft South of:	20	Don				
	700 Ft West of:		Deg.		0 Min.		00 Sec.
2011.	700 It West of.	80	Deg.		IC Min		00 Sec.
Company:	AB RESOURCES		Csg/Tbg Di	am" Used	in Drilling	Left in Well'	Cement Fill (ft²)
Address:	6802 W Snowville		13 3/8	130		1309	1352 CTS
·	Brecksville, OH 44		9 5/8	249	5	2495	1149
Agent:	CT CORPORATION	SYSTEMS	5 1/2	769	9	7699	889
Inspector:	Bill Hatfield		2 3/8	761	2	7612	NA
Date Permit Issued:	2/29/2008					1012	INA
Date Work Commenced:	3/19/2008						
Date Well Completed:	2/12/2009					-	
Verbal Plugging:	NA			i			-
Date Perm. Granted:	NA					-	
Drill Type:					<b>JECEN</b>		
	☐ CABLE			Offic	e of O	& Gas	
	RIG			<u> </u>			
Total Depth (ft):	7752				FEB 16	2010	
resh Water Depth (ft):	NA						
Salt Water Depth (ft):	NA			WV	Depart	ment of	
Active Coal Mining:	☐ YES ☐ NO 図N	IA				Protection	7 700 7
Coal Depths (ft):	NA			LIVITORI	monta	1 1010011011	- 1 5
			OW DATA				
1st PRODUCING FOR	-	LLUS	P	AY ZONE [	DEPTH (ft)	: 7590	
GAS: Init. C	pen Flow: Na	MCF/d		: Init. Op			251/4
Final C	pen Flow: Na	MCF/d			pen Flow		Bbl/d
		Time of open fl	ow between i	CONTRACTOR OF THE CONTRACTOR O	171-1-1	are the second	BbI/d
ROCK Static	Pressure: Na	psig	(surface	nreculed	inui tests	Hand Gas	lours
2 <sup>nd</sup> PRODUCING FOR	RMATION: Na	, - 3	D	AV ZONE E	Correction	Nand Gast	lours
	pen Flow: Na	MCF/d	OIL	II LOIVE D	LEIT (II)	1-7-2017	
	pen Flow: Na	MCF/d	OIL		en Flow:	Na B	bl/d
			ou bot :	Final O	pen Flow:	artment of B	bl/d
ROCK Static	Pressure: Na	Time of open flo	ow between ii	nitial and f	inal tests:	Na Protecti	gars
	11035010.	psig	(surface pres	isure) after	Tronne	Na H	ours
Company Name:	AB Resources /	10		Submit t	0		
Signature	Danie Pla	11/2-		<ul> <li>West Vir</li> </ul>	ginia Departm	ent of Environmental F	rotection
Name (PRINT):	Jámes K. Wilson			601 57th	Street SE		
Date:	2/0//10			Charlest	on, WV 2530 304) 926-045	4-2345	
-	1//			- Fax: (30	926-0452	•	

PAGE 2: SUPPLEMENTAL DATA

Well Name: Prendergast 1 API #: 4705101113

Perf	orated Intervals:
Interval (ft):	# Holes:
7400-7552	180
7590-7616	109

		Stimulation:		
TYPE USED:	Sand & Water			
<b>Number Units</b>	Units: lbs./Sx./Bbls	Mesh:	Type:	Mata
414,000	LBS	100 and 40/70	SD SD	Notes:
11,000	BBLS	NA	FW	

Surface: 1389' GL		Well Log	
Formations Encountered	Top Depth (ft):	Bot Depth (ft):	Notes:
Allegheny	0	704	Hotes;
Salt Sand	704	1310	
Pennington	1310	1986	
Maxton	1986	2114	
Blg Lime	2114	2148	
Big Injun	2148	2471	
Squaw	2471	2654	
Upper Devonian Shale	2654	7198	
Geneseo	7198	7212	
Shale	7212	7319	
Middlesex	7319	7395	
Burket	7395	7462	
Tuily	7462	7490	
Hamilton Gr	7490	7590	
Marcellus	7590	7651	
Onondaga TD	7651	7752	
10	7752		
	~ <u> </u>		
			HEGEINED
			CELEVED GAS
		h	mice of Oil and Gas

FEB 1 7 2017

WV Department of Environmental Protection Form: WW - 2B

51-01113

## STATE OF WEST VIRGINIA RTMENT OF ENVIRONMENTAL PROTECTION OFFI

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

1) Well Operator AB Resources PA LLC Marshall Liberty Littleton								
,				Oper	ator ID County	District	Quadrangle	
2) Operator s Well Number:_Prendergast #13) Elevation: 1,389.1								
4) Well Type: (a) Oil or GasX (b) If Gas: Production_X_/ Underground Storage DeepX / Shallow								
5) Proposed Targ	get Form	nation(s)	: _Onondaga			<u>g</u>		
6) Proposed Tota 7) Approximate fi 8) Approximate s	resh wat	ter strata	depths:	_60 to 100 ft		VITOTIVITOTI	FEB 2 9 2008  FEB 2 9 2008  FEB 2 9 Protection	
9) Approximate c	oal sear	m depths	s:_Pittsburgh12	04 ft			2008	
10) Does land co	ntain co	al seam	s tributary to act	ive mine? _	_No		otect a s s	
11) Describe pro	posed w	ell work	Drill deep we Marcellus Sh		est and brodu		0	
		4.4	1 1	1	0 1	_	<u> </u>	
	ショ		or drill	an oletu	f the		10g ce	
12)	10		ASING AND TUE			2/29/	08	
	ECIFIC	ATIONS			INTERVALS	CEME	ENT	
2	Size	<u>Grade</u>	Weight per ft	For Drilling	Left in Well	Fill -up (Cu	. Ft.)	
Conductor 2	20"	J-55	90#	30'	30'	30 (24")		
Fresh Water 1	13 3/8"	J-55	48#	1300'	1200'	903 (17 ½	<u>′2")</u>	
Coal						t Above		
Intermediate	9 5/8"	J-55	36#	2500'	2500' Cemer	470 (12	1/4")	
Production	5 ½"	P-110	20#	<del>)</del>	8000'	1010 (8	3⁄4")	
Tubing 2	2 3/8"	J-55	4.7#	BH	2.28	-08		
Liners				8				
Packers: Kin Size Dep				7				

WW-4A	
Revised	6-07

1) Date: 1-30-1	1		
<ol><li>Operator's Well Numb Prendergast 1</li></ol>	er		
3) API Well No : 47 -	051	01113	

# STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) Surface Own	ner(s) to be served:	5)	(a) Coal Operator	
(a) Name	Michael J. Prendergast	10	Name	Consolidated Coal Company
Address	18 Hollen Circle		- Address	1000 Consol Energy Drive
	Fairmont, WV 26554			Canonsburg, PA 15317
(b) Name	Suellen Lemley /	W	(b) Coal Ov	vner(s) with Declaration
Address	18 Hollen Circle		Name	
	Fairmont, WV 26654		Address	
(c) Name			Name	
Address	-		Address	
6) Inspector	James Nicholson		— (c) Coal Les	ssee with Declaration
Address	P.O. Box 44		Name	
	Moundsville, WV 26041		— Address	
Telephone	304-552-3874		)	
well i (2) The p	ts and the plugging wor lat (surveyor's map) sh	k order; and owing the well location	on on Form WW-6.	sets out the parties involved in the work and describes the
Take notice accompanyi Protection, the Applica	that under Chapter 22-6 o ing documents for a permit with respect to the well at	any action at all.  If the West Virginia Code to plug and abandon a state location described of mailed by registered	de, the undersigned well well with the Chief of the on the attached Application or certified mail or de	operator proposes to file or has filed this Notice and Application and the Office of Oil and Gas, West Virginia Department of Environmental on and depicted on the attached Form WW-6. Copies of this Notice, livered by hand to the person(s) named above (or by publication in
NOTARIAL Kristen Brooks, Smithfield Boro, F My Commission Exp	Notary Public Fayette County ires Sept. 2, 2018	Well Operator By: Its: Address	Chevron Appalachia,	Harry Teamplead:
IBER, PENNSYLVANIA AS	SOCIATION OF NOTARIES		Smithfield, PA 15478	Office of Oil and Gas
		Telephone	724-564-3700	
				FEB 1 7 2017
Subscribed and	sworn before me th	BOOLS d	ay of <u>Jan</u>	Way 2017  Notary Public Protection  Environmental Protection

Oil and Gas Privacy Notice

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

#### SURFACE OWNER WAIVER

Operator's Well Number

P	re	n	d	е	rq	а	st	·	1

#### INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.
WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

VOLUNTARY STATEMENT OF NO OBJECTION OIL and Gas

I hereby state that I have read the instructions to surface owners and that I have received copies of a Notice and Application For A Permit To Plug And Abandon on Forms WW-4A and WW-4B candle but by plat.

FOR EXECUTION BY A NATURAL PERSON	nned work described in these materials and I have no WV DEPARTMENTALE and I have no EPREZECTION,
ETC. Suellen Lemles Date 26/17	Name
Signature	Its Date

### SURFACE OWNER WAIVER

Operator's Well Number

Prendergast 1

#### **INSTRUCTIONS TO SURFACE OWNERS NAMED ON PAGE WW4-A**

The well operator named on page WW-4A is applying for a permit from the State to plug and abandon a well. (Note: If the surface tract is owned by more than three persons, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22 of the West Virginia Code. Well work permits are valid for 24 months. If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator and the Office of Oil and Gas.

## NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT. WHERE TO FILE COMMENTS AND OBTAIN ADDITIONAL INFORMATION:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

Time Limits and methods for filing comments. The law requires these materials to be served on or before the date the operator files his Application. You have FIVE (5) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

<u>Comments must be in writing.</u> Your comments must include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

The Chief has the power to deny or condition a well work permit based on comments on the following grounds:

- 1) The proposed well work will constitute a hazard to the safety of persons.
- 2) The soil erosion and sediment control plan is not adequate or effective;
- 3) Damage would occur to publicly owned lands or resources;
- 4) The proposed well work fails to protect fresh water sources or supplies;
- 5) The applicant has committed a substantial violation of a previous permit or a substantial violation of one or more of the rules promulgated under Chapter 22, and has failed to abate or seek review of the violation...".

VOLUNTARY STATEMENT OF NO OBJECTION COLUMN GAS

I hereby state that I have read the instructions to surface owners and that Place Received copies of a Notice

If you want a copy of the permit as it is issued or a copy of the order denying the permit, you should request a copy from the Chief.

and Application For A Permit To Plug And Abandon on Forms	s WW-4A and WW-4B, and a survey plat.
	FEB 17 2011
I further state that I have no objection to the plant	ned work described in these materials, and I have no
objection to a permit being issued on those materials.	nu Panartment of
FOR EXECUTION BY A NATURAL PERSON	FOR EXECUTION BY A CHERTORATION.
ETC.	FOR EXECUTION BY Protection of Environmental Process of Security Department of Formation,
	In IVIII
White & Date 2/8/17	Name
	Ву
- ( ) ( )	Its Date

WW-9 (5/16)

API Number	47 -	051	_01113	
Operator's W	ell No	. Pren	dergast 1	_

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

FLUIDS/ CUTTINGS DISPOSA	L & RECLAMATION PLAN
Operator Name Chevron Appalachia, LLC	OP Code 49449935
Watershed (HUC 10) Hickman Run	Quadrangle Littleton 7.5'
Do you anticipate using more than 5,000 bbls of water to complete t	
Will a pit be used? Yes No	
If so, please describe anticipated pit waste:	
If so, please describe anticipated pit waste:  Will a synthetic liner be used in the pit? Yes No	If so, what ml.?
Proposed Disposal Method For Treated Pit Wastes:	ANY WELL EFFLUENT MUST
Land Application (if selected provide a co Underground Injection (UIC Permit Nur Reuse (at API Number	mber IN A PROPER MANNER,
Off Site Disposal (Supply form WW-9 for	or disposal location)
Will closed loop systembe used? If so, describe: N/A	
Drilling medium anticipated for this well (vertical and horizontal)?	Air, freshwater, oil based, etc. N/A
-If oil based, what type? Synthetic, petroleum, etc	
Additives to be used in drilling medium?N/A	
Drill cuttings disposal method? Leave in pit, landfill, removed offsit	
	d? (cement, lime, sawdust)
Permittee shall provide written notice to the Office of Oil and Gas of West Virginia solid waste facility. The notice shall be provided with where it was properly disposed.	
on April 1, 2016, by the Office of Oil and Gas of the West Virginia provisions of the permit are enforceable by law. Violations of any teor regulation can lead to enforcement action.	mined and am familiar with the information submitted on this nature of those individuals immediately responsible for obtaining
Company Official Signature	FEB 1 7 2017
Company Official (Typed Name) Jenny Hayes	-tment Of
Company Official Title Permitting Team Lead	WV Department of Environmental Protection
30 H)	COMMONWEALTH OF PENNSYLVANIA
Subscribed and swom before me this 30 m day of Sa	NOTARIAL SEAL Kristen Brooks, Notary Public Smithfield Boro, Fayette County My Commission Expires Sept. 2, 2018
My commission expires Sept 2, 2018	MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Field Reviewed?

rom ww-y			Operator's Well ?	No. Prendergast 1
Proposed Revegetation Treatm	ent: Acres Disturbe	ad 3.8	Preveg etation pH 6.	.5
Lime 2	Tons/acre or to c	correct to pH 6.5		
Fertilizer type 10-20	-20	<b>±</b>		
Fertilizer amount 500	)	lbs/acre		
Mulch 1000 lbs				
		Seed Mixtures		
Tem	porary		Permanent	
Seed Type Grain Rye	lbs/acre 100		Seed Type	lbs/acre
Annual Rye	20		Grăin Rye Annual Rye	100 20
Perennial Rye	10		Perennial Rye	10
Yellow Clover	5		Yellow Clover	5
Red Clover	5		Red Clover	5
White Clover	5		White Clover	5
Alta Sweet Clover			Alta Sweet Clover	
rovided). If water from the pit L, W), and area in acres, of the chotocopied section of involve	e land application ar	ea.	miciae dinensions (E, W, I	rote pic, and dim
Comments:				
			Office of Oil	VED and Gas
			FEB 1	7 2017
<sub>Title:</sub> Oil & Gas Inspe	ector	Date:	WV Depa 2/9 <del>/2</del> 017snmen	artment of tal Protection

(\_\_\_\_\_\_)Yes (\_\_\_\_\_\_\_)No



## West Virginia Department of Environmental Protection Office of Oil and Gas

### WELL LOCATION FORM: GPS

API: 47-051-01113	WELL NO.: 1			
FARM NAME: Prendergast				
RESPONSIBLE PARTY NAME: Chevro	n Appalachia, LLC			
	_ <sub>DISTRICT:</sub> Liberty			
QUADRANGLE: Littleton 7.5'				
SURFACE OWNER: Michael Prende				
ROYALTY OWNER: Michael Prend	ergast et al.			
UTM GPS NORTHING: 4397643.3				
UTM GPS EASTING: 539039.6	GPS ELEVATION: 1374'			
The Responsible Party named above has chosen to submit GPS coordinates in lieu of preparing a new well location plat for a plugging permit or assigned API number on the above well. The Office of Oil and Gas will not accept GPS coordinates that do not meet the following requirements:  1. Datum: NAD 1983, Zone: 17 North, Coordinate Units: meters, Altitude: height above mean sea level (MSL) – meters.  2. Accuracy to Datum – 3.05 meters  3. Data Collection Method: Survey grade GPS: Post Processed DifferentialOffice of Oil and Gas				
Real-Time Differen	h 04			
Mapping Grade GPS: Post Processed I  Real-Time Diffe	Wy Dep to Projection			
4. Letter size copy of the topography map showing the well location.  I the undersigned, hereby certify this data is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Office of Oil and Gas.  Per mitting Team Lead 1/30/17  Bignature Title Date				
Signature	Title Date			