

### 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

July 28, 2014

### WELL WORK PERMIT Vertical Well

This permit, API Well Number: 47-3906367, issued to PETRO HOLDINGS, INC., 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: J.V.R. SKINNER NO. 21

Farm Name: GMO FORESTRY FUND 3, LP

API Well Number: 47-3906367 Permit Type: Vertical Well

Date Issued: 07/28/2014

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. <u>Failure to adhere to the specified permit</u> conditions may result in enforcement action.

#### **CONDITIONS**

- 1. 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 §22-6-20, 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.
- 2. Pursuant to 35 CSR 4-19.1.a, at the request of the surface owner all water wells or springs within 1000 feet of the proposed well that are actually utilized for human consumption, domestic animals or other general use shall be sampled and analyzed.
- 3. Pursuant to 35 CSR 4-19.1.c, if the operator is unable to sample and analyze any water well or spring with one thousand (1,000) feet of the permitted well location, the Office of Oil and Gas requires the operator to sample, at a minimum, one water well or spring located between one thousand (1,000) feet and two thousand (2,000) feet of the permitted well location.
- 4. All pits must be lined with a minimum of 20 mil thickness synthetic liner.
- 5. 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.
- 6. During the surface casing and cementing process, in the event cement does not return to the surface, or any other casing string that is permitted to circulate cement to the surface and does not return to the surface, the oil and gas inspector shall be notified within twenty-four (24) hours
- 7. Well work activities shall not constitute a hazard to the safety of persons.
- 8. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

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

								<u> </u>	
1)	Well Operato	r: Petro Ho	ldings, Inc.		307079 Operator ID	Kanawha County	Elk District	Blue Creek 7.5'  Quadrangle	
					·	•			
2)	Operator's We	ell Number: .	J.V.R. S	kinner No.21	1	3)	Elevation:	1,018'	
4)	Well Type:	(a) Oil <u>&gt;</u>	or or	Gas	X				
	I	(b) If Gas:		duction X		lerground Sto	rage	<del></del>	
<b>6</b> \	D	4 P 4!	Dee			llow X	Danatha	2.250	
5)	Proposed Tar	_		Weir		posed Target		2,250'	
6)	Proposed Tot	al Depth:	2,2	.50' ft.	Formation at	Proposed To	tal Depth	Weir	
7)	Approximate	fresh water s	trata depths:		420'				
8)	Approximate	salt water de	pths:		1,200'				
9)	Approximate	coal seam de	epths:		465'				
10)	Approximate	void denths	(coal, Karst	other):	NA				
•	Does land co	•							
11)			-				l ab a a t = 1.0	-4-4\	
12)	Describe proposed well work and fracturing methods in detail (attach additional sheets if needed)  Drill and Stimulate Production Well in Weir Formation. Frac with energized cross-linked gel and 20/40 sand.								
								Lila	
13)			CAS	SING AND	TUBING PRO	GRAM	Juyu	18-14	
TYPI	₹	SPE	CIFICATION			GE INTERV	_	CEMENT	
				Weight	For		ft in	Fill-up	
		Size	Grade	Per Ft.	Drilling			(Cu. Ft.)	
Cond	uctor								
Fresh	Water	7"	LS	17#	540'		40' Co	ement to Surface Y 40%	
Coal								,	
	nediate								
	action	4 1/2"	J-55	10.5#	2,250'	2	250' !	00 Sacks	
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Liner									
חוופן	3		<u> </u>	<u> </u>	1.	I	Re	ceived	
Pack									
	Sizes Depths s					-	JU	√ 3 0 2014	
	20p.110 0							<u> </u>	

Office of Oil and Gas
WV Dept. of Environmental Protection 14

08/01/2014

WW-2A (Rev. 6-07)

depprivacyofficer@wv.gov

1) Date: \_\_\_\_ May 12, 2014

2) Operator's Well Number

J.V.R. Skinner No.21

47

State

039

County

3) API Well No:

- 06367 Permit CIL 647863

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

4)	Surface O	wner(s) to be served:		5)	(a)	Coal Operator:					
	(a) Name	Heartwood Forestland		/	Name	NA					
	Address	19045 Stone Mountai			Address						
		Abingdon, VA 24210	)								
	(b) Name					Owner(s) with Declaration					
	Address				Name	Charles W. Skinner, Jr. Agt.					
					Address	22 Northome Cove Road					
	(c) Name				4	Tenants Harbor, ME 04860					
	Address _				Name						
	_				Address						
CV	(	Tours Habous			(a) Can	Lessee with Declaration	-				
6)	Inspector	Terry Urban PO Box 1207			Noma	NA					
	Address _	Clendenin, WV 2504	5		Address	NA					
	Talankana	(304) - 549-5915			Address						
	rerephone	A STATE OF THE PARTY OF THE PAR	A Secretary			1. Programme					
		TO THE PERSONS	NAMED ABO	OVE T	TAKE NO	TICE THAT:					
		Included is the lease or	leases or other	contin	ning contr	act or contracts by which I hold					
		the right to extract oil ar	id gas OR	contin	uni b com	act of confidence by minor there					
	X										
		of West Virginia (see page 2)									
	I certify that as required under Chapter 22 of the West Virginia Code I have served copies										
	of this notice and application, a location plat, and accompanying documents pages 1 through 4										
	on the above-named parties, by:										
	r.	Personal Service (Affiday	vit attached)								
		Certified Mail (Postmarl		nt atta	ched)						
		Publication (Notice of Pu			ichica)						
						the state of the s					
				35 CS	SR 4, and 1	I agree to the terms and conditions					
of:	any permit	issued under this applica	tion.				e				
	1 cert	ify under penalty of law I	hat I have pers	onally	examined	I and am familiar with the information sul	omitted				
on	this applica	ation form and all attachn	nents, and that	based	on my inq	uiry of those individuals immediately res	ponsible				
IOI	obtaining	the information, I believe	figant populties	for e	is true, acc	false information, including the possibilit	vof				
6n	e and impri		neam penames	5 101 51	domining	laise information, metading the possionit	you				
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				Well (	Operator	Petro Holdings, Inc.					
				D		Suth higheld Keith Crihfield					
				Ву:		President Keith Crihfield					
				lts:			_				
				Addre	SS	P.O. Box 987					
				n 1 1	-	Spencer, WV 25276					
				Telepl		(304) 927-2069					
Su	bscribed an	nd sworn before me this	14th day of	JII	lv. a	014					
	halu	10 11 11	-	The same of the sa	minus.	OFFICIAL SEAL NOTARY P	Public				
-	- Villa		A A414	16	WEST	NOTARY PUBLIC #	uone				
M	y commisio	n expires April	2, 2019	(3)		DEBRA L. KELLY					
				1 1-16		C.I. McKOWN & SON, INC. 9969 CLAY ROAD					
	and Gas Priva			3 1	My	NEWTON, WV 25266					
		and Gas processes your person				reammission expires April 2, 2019 at of our regulatory duties					
YOU	ur personal inf	ormation may be disclosed to o	ther State agencie	s or thir	d parties in the	he normal course of business or as needed to comp	oly				

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

J.V.R. Skinner #21 and A.C. Skinner # 28 only A.C. Skinner #28 U.S. Postal Service ... U.S. Postal Service CERTIFIED MAIL. RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided) CERTIFIED MAIL., RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) rO 47 47 For delivery information visit our website WV 255 П ru 55 . П 1.8 LO Postage 1.40 Postage Certified Fee 3 3 Certified Fee 00 30, m m 000 Return Receipt Fee (Endorsement Required) Return Receipt Fee (Endorsement Required) Postmark Postmark 2 70 2170 Flore ! 00 Hara Restricted Delivery Fee (Endorsement Required) Restricted Delivery Fee (Endorsement Required) 36 .32 20 50 Total Postage & Fees 7.40 \$ 7.82 Total Postage & Fees THE Sent To Sent To . П 900 CLYDE BARE USPS Street, Apt. No., 150 5th AVE. NORTHOME COVE ROAD or PO Box No. or PO Box No. City, State, ZIP+4 City, State, ZIP+4 SO. CHARLESTON, WV 25303 TENANTS HARBOR, ME 04860 See Reverse for Instructions See Reverse for Instructions A.C. Skinner #28 #28 only U.S. Postal Service to U.S. Postal Service ... CERTIFIED MAIL, RECEIPT CERTIFIED MAIL... RECEIPT (Domestic Mail Only; No Insurance Coverage Provided) (Domestic Mail Only; No Insurance Coverage Provided) 476 WV 252 WV 2526 TU 7.0000 П 56 55 6665 Postage 1.40 Postage 1 3 30 Certified Fee E00 Certified Fee 3 m Return Receipt Fee (Endorsement Required) 2 2019 Return Receipt Fee (Endorsement Required) 70 2. 26 0 00 PPd Restricted Delivery Fee (Endersement Required) Restricted Delivery Fee (Endorsement Required) 20 50 27 7.40 Total Postage & Fees \$ 27 Total Postage & Fees \$ 7.40 Sont To 900 JEFFREY WHITE 90 WALTER & DOTTIE JAMES Street, Apt. No.; or PO Box No. Street, Apt. No.: P.O. BOX 1052 THREE MILE ROAD 1611 or PO Box No. City, State, ZIP+4 ELKVIEW, WV 25071 City, State, ZIP+4 ELKVIEW, WV 25071 U.S. Postal Service ... CERTIFIED MAIL, RECEIPT n (Domestic Mail Only; No Insurance Coverage Provided) CU A.C Skinner \_ 25266.989 J.V.R. SKINNEr #2 55 1.82 Postage Received Certified Fee 3.30 m Return Receipt Fee (Endorsement Required) 2.7 Restricted Delivery Fee (Endorsement Required) JUN 26 2014 111 3 D 2014 20 디디 Total Postage & Fees \$ 7.82 Office of Oil and Gas

10

Streat, Apt. No.;

or PO Box No. City, State, ZIP+4

CRAIG KADERAVEK FORESTLAND, GROUP

ABINGTON, VA

19045 STONE MOUNTAIN ROAD

24210

08/01/2014

WY Dopt of Environmental Protection

WW-	2A1		
(Rev.	1/1	1	)

Operator's Well No. J.V.R. Skinner No.21

## INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6, Section 8(d) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that --

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Grantor, Lessor, etc.	Grantee, Lessee, etc.	Royalty	Book/Page
J.V.R. Skinner	South Penn Oil Co.	1/8	14/199

Deed, Assignment and Bill of Sale dated May 15, 1995, from Pennzoil Products Company to 141/224 C.I. McKown & Son, Inc.

Assignment from C.I. McKown, & Son, Inc. to Petro Holdings Inc. not yet of record.

### SEE ATTACHED AGREEMENT

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

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

WV Division of Water and Waste Management

WV Division of Natural Resources

WV Division of Highways

U.S. Army Corps of Engineers

US Fish and Wildlife Service

County Floodplain Coordinator

Received

JUN 30 714

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

Well Operator:	
By:	Sith Cilebrald Keith Crihfield
Its:	President

### **AGREEMENT**

This agreement made and entered into this 12th day of MAY, 2014, by and between C. I. McKOWN & SON, INC., as Lease Operator, (hereafter referred to as "McKOWN"); ELK OIL and GAS CO., as Lease Owner, (hereafter referred to as "ELK"); and PETRO HOLDINGS, INC., as Joint Venturer in the project, (hereafter referred to as "PETRO").

. Whereas, by virtue of that certain Assignment dated May 15, 1995, and of record in the office of the Clerk of the County Commission of Kanawha County, West Virginia, in Book No. 141 at page 224, McKown acquired the J.V.R. Skinner Lease from Pennzoil Products Company; and

Whereas, by virtue of that Assignment dated June 21, 1995 (unrecorded – copy attached), McKown assigned its rights in the J.V.R. Skinner Lease to Elk, an affiliated company, but retained the rights to operate the lease.

### WITNESSETH:

Now therefore witnesseth, that for an in consideration of the sum of one dollar, cash in hand paid, the receipt and sufficiency of which is hereby acknowledged, McKown and Elk hereby grant unto Petro the right to permit and drill the J.V.R. Skinner #21 Well upon the J.V.R. Skinner Lease and, should the well be productive, thereafter Elk will assign a one-half working interest in the well and one-half of ten acres uniformly surrounding same to Petro or to whomsoever Petro should so assignate. Should any part of the ten acres encroach upon any portion of the lease that Elk has already assigned to a third party; has assigned to Petro or its designee; or lays in an area where Elk is not the owner, the assigned acreage will be reduced to that extent.

Given under my hand, this 12 th day of MAN, 2014.

BY: ( - 4

ITS: PRESIDENT

\_

ELK OIL AND

C. I. McKOWN II

ITS: PRESIDENT

Received

JUN 3 0 200

ITS: PRESIDENT
STATE OF WEST VIRGINIA, COUNTY OF ROANE, TO-WIT:  The forgoing instrument was acknowledged before me this
STATE OF WEST VIRGINIA, COUNTY OF ROANE, TO-WIT:  The forgoing instrument was acknowledged before me this
STATE OF WEST VIRGINIA, COUNTY OF ROANE, TO-WIT:  The forgoing instrument was acknowledged before me this

THIS INSTRUMENT PREPARED BY:

C. I. McKOWN, II P.O. BOX 711 NEWTON, WV 25266 PETRO HOLDINGS, INC.

Office of Oil and Gas
WV Dept. of Environmental Protection
08/01/2014

Received

JUN 3 0 ?914

### ASSIGNMENT AND BILL OF SALE



THIS ASSIGNMENT AND BILL OF SALE is made and entered into this 21st day of June, 1995, by and between C. I. McKown & Son, Inc., a West Virginia Corporation, Assignor, and Elk Oil & Gas Co., a West Virginia Corporation, Assignee.

### WITNESSETH

That for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor does hereby assign unto Assignee all its right, title, and interest in and to those certain oil and/or gas wells designated as follows:

> THOSE CERTAIN 65 WELLS AND LEASES SITUATED IN THE BLUE CREEK FIELD, KANAWHA COUNTY, WEST VIRGINIA, WHICH ARE MORE SPECIFICALLY SET OUT IN THAT ASSIGNMENT AND BILL OF SALE BY AND BETWEEN PENNZOIL PRODUCTS CO. AND C. F. MCKOWN & SON, INC. AND BEARING THE DATE MAY 15, 1995.

together with a like interest in and to the leasehold estate, all appurtenant equipment, all rights of way, and any other assets associated with the said wells and leases.

It is understood that in exchange for its opportunity to act as the operator of these wells, Assignor shall continue to keep the wells bonded in whatever manner deemed necessary by the West Virginia Department of Environmental Protection. It is also understood that this assignment is subject to all the terms and conditions set out in that certain Assignment and Bill of Sale by and between Pennzoil Products Company, a Nevada Corporation, and C. I. McKown & Son, Inc., a West Virginia corporation, dated May 15, 1995.

McKown & Son, Inc.

C. I. McKown, II its: Vice-President

Received

JUN 3 0 114

Office of Off and Gas WV Dept. of Environmental Protection STATE OF LUIST WINGINIA. COUNTY OF ROOM, TO-WIT:

The foregoing instrument was acknowledged by C. I. McKown, II, Vice-President of C. I. McKown & Son, Inc. before me in my said County and State this the day of

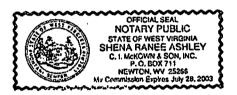
Shima & donly

My Commission expires:

July 28,2003

NOTARY PUBLIC

THIS INSTRUMENT PREPARED BY: C.I. MCKOWN, II



Received

JUN 3 0 2014

Office of Oil and Gas
WV Dept. of Environmental Protection

WW-2B1 (5-12) J.V.R. Skinner No.21

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

### NOTICE TO SURFACE OWNERS

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

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

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

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

Listed below is the laboratory chosen by the operator to perform analysis, and contractor chosen to collect sample.

Certified Laboratory Name

Sturm Environmental Services

Sampling Contrator

Sturm Environmental Services

Well Operator	Petro Holdings, Inc.
Address	P.O. Box 987
	Spencer, WV 25276

Telephone (304) 927-2069

FOR OPERATOR'S USE ONLY: Below, or on an attached page, list those persons which were given this notice. Place an asterisk beside the one(s) that contacted you and requested sampling and analyses. If there were no requests made, indicate by underlining which one you have selected to sample and analyze. If there are no water wells or springs within 1000 feet of the proposed site, the Chief may require the operator to test wells up to 2000 feet from the proposed site.

Herbert James 27 Three Mile Road Elkview, WV 25071 John & Wanda Bird 3624 NW 64th Lane Gainesville, FL 36253 Received

JUN 3 0 2014

Office of Oil and Gas
W/ Dopt, of Environmental Protection





A.C. Skinner # 28 (Sampled) U.S. Postal Service CERTIFIED MAILT RECEIPT (Domestic Mall Only; No Insurance Coverage Provided) 47 For delivery information visit our website at www.usps.com; П 998 \_ S Postage 1 Certified Fee 3./30 m 1 Postmark Return Receipt Fee (Endorsement Required) 2.70 Restricted Delivery Fee (Endorsement Required) 50 21. Total Postage & Fees USPS Sent To 900 Sireet, Apt. No.; RICHARD ENGLAND. or PO Box No. 533 THREE MILE ROAD City, State, ZIP+4 ELKVIEW, WV 25071 PS Form 3800, August 2006 See Reverse for Instructions

Received

JUN 3 0 14

Office of Oil and Gas WV Dept. of Environmental Protection Form WW-9 Rev. 5/10

Page	3	oi	3
API Number 47-	039		

Operator's Well No. J.V.R. Skinner No.21

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

CONSTRUCTION AND RECLAMATION PLAN AND SITE REGISTRATION APPLICATION FORM GENERAL PERMIT FOR OIL AND GAS PIT WASTE DISCHARGE

Additives to be used? Will closed loop system Drill cuttings disposal If left in p Landfill o  I certify the issued on August 1, 20 that the provisions of t applicable law or regul	than 5,000 bbls of used in pit? hod For Treated P Land Application Underground In Reuse (at API N Off Site Disposation Other (Expensed for this wells, what type? Syn Water be used? No method? Leave in it and plan to solid offsite name/person it I understand an D5, by the Office of the permit are enforced.	County  Fluids encour of water to compl  Yes  Pit Wastes: on njection (UIC Formal (Supply Formal	Permit Number m WW-9 for dister, oil based, etc. moved offsite, etcum will be used	g shallow well d well work? nat mil.?  r sposal location c. A tc. ? Cement, lim	Quadrangle District  1. Yes 20 Myl.  on)  Air  Lene, sawdust	ave in Pit	307079 Preek 7.5' Elk  No  Ative soil, cent	X ) ) nent, lime
Description of anticipal Do you anticipate more Will a synthetic liner b Proposed Disposal Met  X  Drilling medium antici  If oilbased Additives to be used? Will closed loop system Drill cuttings disposal  If left in p  Landfill o  I certify the issued on August 1, 20 that the provisions of t applicable law or regul I certify un this application form a for obtaining the inform	than 5,000 bbls of used in pit? hod For Treated P Land Application Underground In Reuse (at API N Off Site Disposation Other (Exp pated for this well I, what type? Syn Wate be used? No method? Leave in it and plan to solity offsite name/per out I understand an D5, by the Office of the permit are enfo	County  Fluids encour f water to compl  Yes  Pit Wastes:  On njection (UIC Formal (Supply Formal	ntered in drilling lete the proposed If so, where the proposed so	g shallow well d well work? nat mil.?  r sposal location c. A tc. ? Cement, lim	District  1. Yes 20 Mil.  on)  Air  Lene, sawdust	ave in Pit	No	) ) nent, lime
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Do you anticipate more Will a synthetic liner b Proposed Disposal Met  X  Drilling medium antici  If oilbased Additives to be used? Will closed loop system Drill cuttings disposal  If left in p  Landfill o  I certify the issued on August 1, 20 that the provisions of t applicable law or regul I certify un this application form a for obtaining the inform	than 5,000 bbls of used in pit? hod For Treated P Land Application Underground In Reuse (at API N Off Site Disposation Other (Expensed for this wells, what type? Syn Water be used? No method? Leave in it and plan to solid offsite name/person it I understand an D5, by the Office of the permit are enforced.	of water to complyes Pit Wastes: On Injection (UIC Formula (Supply Formula (Su	Permit Number  M WW-9 for dister, oil based, etc.  moved offsite, etcum will be used?	d well work? nat mil.?  r sposal location c. A  tc. ? Cement, lim	Yes 20 Mil.  on)  Le ne, sawdust	Na	fative soil, cen	) ) nent, lime
- If oilbased Additives to be used? Will closed loop system Drill cuttings disposal - If left in p - Landfill o  I certify the issued on August 1, 20 that the provisions of t applicable law or regul I certify un this application form a for obtaining the inform	Other (Exp pated for this well h, what type? Syn Wate be used? No method? Leave in it and plan to soli r offsite name/per at I understand an 05, by the Office of he permit are enfo	olain  ? Air, fresh wat thetic, petroleun er, soap, KCl  pit, landfill, rer dify, what mediu mit number?  and agree to the to f Oil and Gas of	ter, oil based, etc m, etc. moved offsite, et um will be used	tc. ? Cement, lim	Air Lene, sawdust	Na		
Drill cuttings disposal  If left in p Landfill o  I certify the issued on August 1, 20 that the provisions of tapplicable law or regul I certify unthis application form a for obtaining the information.	method? Leave in it and plan to soli r offsite name/person t I understand and 5, by the Office of the permit are enfo	n pit, landfill, rer dify, what mediu mit number? and agree to the to f Oil and Gas of	um will be used	? Cement, lim	ne, sawdust	Na		
If left in p Landfill o  I certify the issued on August 1, 20 that the provisions of t applicable law or regul I certify un this application form a for obtaining the inform	it and plan to soling offsite name/persons  It I understand and the control of the permit are enforced.	dify, what medianit number?  Indicate a series and agree to the toff oil and Gas of	um will be used	? Cement, lim	ne, sawdust	Na		
issued on August 1, 20 that the provisions of t applicable law or regul I certify un this application form a for obtaining the information of the second containing	05, by the Office o he permit are enfo	f Oil and Gas of		ions of the GE		ል <b>ተ</b> ድጽ	LUTION PE	ìMIT
	der penalty of law nd all attachment nation, I believe t	enforcement acti that I have per s thereto and th hat the informat	Violations of antion.  sonally examine tat, based on my tion is true, accu	nia Department by term or conc ed and am fam by inquiry of the curate and comp	nt of Environ dition of the niliar with t ose individu plete. I am	nmental Pro general pe he informat als immedia aware that	otection. I un rmit and/or c tion submitte ately respons	derstand ther d on ible nificant
Company Official Sign	ature		1 Cuth	Culle			CCIVE	<i>:</i> U
Company Official (Typ			Keith Crihfie	ıld L		m	Ni 2 O sass	
Company Official Title			President			001	N 3 0 2012	·
Subscribed and sworn  My commission expire	<u> </u>	12 +h h	day of DulyaX 019	June, 6	2014	Notary Pub	OFFICIAL SEAL  OFFICIAL SEAL  OTAMY PUBLITE OF WEST VIRGIN  BRA L. KELL  MCKOWN A SON IN  9965 CLAY ROAD  EWTON, WY 28296	Protection

			Legend		
Property Boundary	<b>A</b>	<b>——</b>	Diversion		
Road	=====		Spring	<del></del>	
Existing Fence	x:	k×	Wet Spot	~	ļ
Planned Fence	—/—	//-	Drain Pipe	(2)	<b>≥</b> -
Stream		7	Waterway	$\longleftrightarrow \longleftrightarrow \longleftrightarrow$	<del>_</del> >
Open Ditch	— <b>&gt;</b>	>	Cross Drain		<del>ZZ</del>
Rock	૱ૢૺઌૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢ		Filter Strip	XXXXXXXX	xx
			Pit: Cut Walls	C. T. S.	
North	N				
Buildings	F		Pit: Compacted Fill Walls		
Water Wells	W		Area of Land	77777	
Drill Site			Application of Pit Waste		
	L		of Pit waste		
			Area l		<del></del>
Proposed Revegetation	Treatment: Acres I	Disturbed A	pprox. 1.0 Ac.	Prevegetation pH	
		Δ.	Area II pprox. 1.3 Ac.		<del></del> -
	Lime Fertilizer (10-20-20	2 Tons/Ac	re or Correct to pH _ 500 Lbs./Ac	re (500 lbs. Minimum)	
	Mulch Stra		Cons/Acre	io (500 ios. Williams	
		SEE	D MIXTURES		
	Area I (Locatio				
Seed Type	Mica I (Lucatio	Lbs/Ac.	Seed Ty	Area II (Road) ype Lb	s/Ac.
Tall Fescue Ladino Clover		<u>40</u> 5	Tall Fes	cue 2	<del>10</del> 5
			Ladino	Clover	<u> </u>
<del></del>					
Attach:					
Drawing(s) of road, loc			plication		
Photocopied section of	involved 7.5' topog	raphic sheet.			
		1.	<del>-</del>		
Plan approved by:	Muyer	the	·		
Comments.	. / ]				
•	,				
T:41	Trispinal	sells Ga		- 1.18h1	
	75,000			Date: 4-18-14	08/01/2014
Field Reviewed?		Yes		No	00/01/2014

Note: Drawing not to Scale

Maintain sediment barriers and drainage structures.

All road grades <5% except as noted.</li>

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