









2-2 cassity DEC 19 1980



STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

# Oil and Gas Division NOV - 6 1980

# OIL AND GAS WELL PERMIT APPLICATION

•	eston, W. Va.		DATE	Novemb	per 6, 1980		
Surface Owner_	Westvaco			ALLEG	HENY LAND AND	MINERAL	COMPANY
Address	203 Randolph Ave Elkins, West Vir	enue.	Comp		Drawer 1740		26203
Mineral Owner	The second secon	•			sburg. West V		
Address Owner.	Neva McMullan, E P. O. Box 8 Washington, Nort	h Carolina 2	7889 v		Choolenaft D		49 (Unit
Coal Owner	Neva McMullan, E			• •	Schoolcraft R		20001
	P. O. BOX 8						
Address	Washington, Nort				Fork	County_R	andolph
Coal Operator_	AMAX Coal Compar 105 South Merida Indianapolis, Ir	an Street	—— Quadr	angle <u>Lassit</u> y	<u> 7.5'</u>		·
Address.  IIS PERMIT MU:	International Co Greenbrier Valle 119 Washington	oal Company ey Building Street East	901				
the W. Va. Co	g in accordance with	Chapter 22,	INSPECTO TO BE NO	TIFIED	Robert S. Ste	wart	<b>g</b> Fisikuwikasiuk malabanin kalkaciak 2024 a.c. v
rations have not	ng . This permit si commenced by 7-21	hall expire if	ADDRESS		Jane Lew, Wes	t Virgini	a 2 <b>637</b> 8
7-11			PHONE 8	84-7782			
Deputy Director.	OIL & God Division	wes			A STATE SACTORING		* .
. Feithfulds & Ville	ned well operator is en					ė i	. •
	- min can make c	RIGINALLY DRI	LLED BEFOR	E JUNE 5, 1	969.		Š
The enclosed ave been notifice.  The above notifice make by Section Copies of this coal owners.	plat was prepared by ed as of the above dat amed coal owners and/ tion 3 of the Code, mu to notice and the enclose at their above shown	a registered engine. XX or operator are herested by, ed plat were maile	reby notified the or filed with the desired	hat any object the Department mail, or deli	tion they wish to nt of Mines withi	make, or a n ten (10)	re required
The enclosed have been notificated by Section Copies of this coal owners	plat was prepared by ed as of the above dat amed coal owners and/ tion 3 of the Code, mu	a registered engine. XX or operator are herested by, ed plat were maile	reby notified the or filed with the deby registered by registered became Department of	hat any object the Department mail, or deli day of Mines at C	tion they wish to nt of Mines withi	make, or a n ten (10)	re required
The enclosed have been notificative been notificative. The above notificative make by Section Copies of this or coal owners ame day with the TLEASE SUBMI	plat was prepared by ed as of the above dat amed coal owners and/ tion 3 of the Code, mu to notice and the enclose at their above shown	a registered engine. XX or operator are helest be received by, ed plat were maile respective address of this copy to the	reby notified the or filed with the department of the very truly	hat any object the Department mail, or deli day of Mines at C	tion they wish to nt of Mines withi	make, or a n ten (10) e named cos before, irginia.	re required lays. * I operators or on the
The enclosed have been notificative been notificative been notificative and the second of this process of this process owners ame day with the PLEASE SUBMICEOPHYSICAL OFFICE OF OI 615 Washing thar leston,	plat was prepared by ed as of the above dat amed coal owners and/ ion 3 of the Code, mi a notice and the enclos at their above shown he mailing or delivery  TT COPIES OF ALL LOGS DIRECTLY TO  L AND GAS ton Street, East West Virginia	a registered engine. XX or operator are herest be received by, and plat were mailed respective address of this copy to the cop	reby notified the or filed with the department of the very truly	hat any object the Department mail, or deli day of Mines at C y yours, ne) ALLEG  BY: Do  P. O.	tion they wish to nt of Mines within vered to the above that lesson, West Verential L. Whee Drawer 1740	make, or an ten (10) e named cos before, irginia.  MINERAL  July ler, Vice	re required lays. * il operators or on the  COMPANY  Preside
The enclosed lave been notificated been notificated by Section of this coal owners ame day with the ELEASE SUBMICEOPHYSICAL FFICE OF 01 615 Washing tharleston, area Code 30	plat was prepared by ed as of the above dat amed coal owners and/ ion 3 of the Code, mi a notice and the enclos at their above shown he mailing or delivery  TT COPIES OF ALL LOGS DIRECTLY TO  L AND GAS ton Street, East West Virginia	a registered engine. XX or operator are herest be received by, ed plat were maile respective address of this copy to the  A Well	reby notified the or filed with or filed wit	hat any object the Department mail, or deli day of Mines at C y yours, ne) ALLEG  BY: Do  P. O.	tion they wish to nt of Mines within vered to the above the harleston, West V	make, or an ten (10) e named cos before, irginia.  MINERAL  July ler, Vice	re required days. * d operators or on the
The enclosed have been notific.  The above notific the above notific the above notific the control of this or coal owners ame day with the ELEASE SUBMICEOPHYSICAL OFFICE OF OI 615 Washing than 1 eston, area Code 30 estimates and plat by the filing of such plat the control of	plat was prepared by ed as of the above dat amed coal owners and/ion 3 of the Code, must notice and the enclose at their above shown the mailing or delivery  TOOPIES OF ALL LOGS DIRECTLY TO LAND GAS ton Street, East West Virginia 4 -348-3092 3	a registered engine. XX or operator are helest be received by, ed plat were maile respective address of this copy to the  Well 48-3096  re filed or found by to said proposed locale been made by the company to said proposed locale been made by the company to the	reby notified the or filed with or filed wit	hat any object the Department mail, or deli day of Mines at C y yours, ne) ALLEG  P. O. Clark  of mines, withingent shall forthy	tion they wish to not of Mines within vered to the above that lesson, West V HENY LAND AND Antiel L. Whee Drawer 1740 sburg, West V	make, or a n ten (10) e named cos before, irginia.  MINERAL  Organia  days from the operator as p	re required lays. * I operators or on the  COMPANY  Preside  26301
The enclosed have been notification and the shore of this or coal owners have day with the PLEASE SUBMICEOPHYSICAL OFFICE OF OI 615 Washing Charleston, area Code 30 SECTION 3 Notice and plat by the filing of such processing the control of the con	plat was prepared by ed as of the above dat amed coal owners and/ion 3 of the Code, must be notice and the enclose at their above shown he mailing or delivery  TOOPIES OF ALL LOGS DIRECTLY TO LAND GAS ton Street, East West Virginia 4 -348-3092 3  ANAET BOAD  If no objections at the department of mines, lat, that no objections have	a registered engine. XX or operator are helest be received by, ed plat were maile respective address of this copy to the  Well 48-3096  re filed or found by to said proposed locale been made by the company to said proposed locale been made by the company to the	reby notified the or filed with or filed wit	hat any object the Department mail, or delimines at Construction of Mines at Construction of Mines at Construction of Mines, within ment shall forthwood thereto by	tion they wish to not of Mines within vered to the above that lesson, West V HENY LAND AND Antiel L. Whee Drawer 1740 sburg, West V	make, or a n ten (10) e named cos before, irginia.  MINERAL  Or Vice  irginia  days from the operator a per distant the sar	re required lays. * I operators or on the  COMPANY  Preside  26301

### THIS IS AN ESTIMATE ONLY ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO_	XXX DRILL	DEEPEN FR	RACTURE STIMULATE
DRILLING CONTRACTOR: (If E		RESPONSIBLE AGENT	
Union Drilling Co		NAME Allegheny L	and and Mineral Company
P. O. Drawer 40		ADDRESS larksburg	r 1740 West Virginia 26301
Duckitatiion, west	Virginia 26201	TELEPHONE304	623-6671
ESTIMATED DEPTH OF COMPLE	ETED WELL: 8000'	ROTARY XXX	CABLE TOOLS
PROPOSED GEOLOGICAL FORM	ATION Oriskany		
TYPE OF WELL: OIL	GAS XXX CC	OMB. STORAGE	DISPOSAL
		NG WATER FLO	OOD OTHER
TENTATIVE CASING PROGRAM	:	•	
CASING AND THRING	USED FOR	LUIT IN	CEMINETHI UP
CASING AND TUBING SIZE	DRILLING	WPLL.	OR SACKS - CUBIC FT.
20 - 16	201	20'	cement to surface
13 - 10			
9 - 5/8			
8 - 5/8	900'	900'	cement to surface
7 5 ½			
4 1/2	8000'	8000'	cement to 300' above pro-
3			Perf. Top
2			Perf. Bottom
Liners.			Perf. Bottom
			Tett. Occurrence
			and the second second
APPROXIMATE FRESH WATER		SALT WATER	FEET
APPROXIMATE COAL DEPTHS			
IS COAL BEING MINED IN TH	e area <u>? No</u>	BY WHOM?	
TO DRILL:			
SUBMIT FIVE (5) COPIES	OF OG - 1, \$100.00 PERM	IT FEE, PERFORMANCE	BOND AND PERMANENT COPY
OF PLAT.			•
TO DRILL DEEPER OR REDRIL	L:	<b>.</b>	
			ND PERFORMANCE BOND. ON
a file of the control		OPY OF THE PLAT AND	THE ORIGINAL WELL RECORD
MUST ALSO BE SUBMITTI	all.		
TO FRACTURE - STIMULATE:		. '	
			) COPIES OG - 1, PERFORMANCE
	C AND ORIGINAL WELL RE		000 FAME CORIES OC. 1 SHOW-
	MBER, AND PERFORMANCE		929, FIVE COPIES OG - 1, SHOW-
			Yuanatan ta bu matiriad taranta
four (24) hours in advance.	d within ninety (90) days of	completion for bond releas	e. Inspector to be notified twenty-
* * * * * * * * * * * * * * * * * * *			_
	•		
	be completed by the coal of	perator if the permit is to b	be issued within ten days of receipt
thereof.		•	
			ner or Operator of the coal under
	ned and place on our mine r	:	
i contraction of the contraction			well being drilled at this location,
· ·	complied with all rules and re	egulations in Articles 4, 5, an	d 7, Chapter 22 of the West Virginia
Code.			**************************************
	•		-
		•	For Coal Company

Otticial Title

Date:J	January 30	_, 13 <u>81</u>
Operator's	A-925	
API Well No.	ur - 083 State Jounty	-0381 Fermit

#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION

## WELL OPERATOR'S REPORT OF DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: 0	11	/ Ga	as <u>x</u> /	Liqu	uid Inj	ection	_/ Waste Dis	sposal/	lo.	
(	If "Gas	", Pro	oduction_	/	Unde	erground st	corage/	Deep/	Shallow X	/)
							Schoolcraft			
· D	istrict	: <u>M</u> :	iddle F	ork	Count	ty: <u>Ran</u> c	dolph Qua	adrangle:	Cassity 7	7.5'
							DESIGNATED AGE			
Address	CLA	RKSR	. o. box 174 URG, W. V	ιυ 1Δ 26	301		Address _	P. O	. BOX 1740	00004
		WINOD.		//\. &-U	1001			C! ARKSBIJR	G, W. VA.	26301
PERMITTED WOR	Plu	ig off	old for	nation		Perfora	er/ Redr: te new formati	on/		timulate/
	D ON	No	amham	6	ω 20 ΩΩ		OIL & GAS INSI	PECTOR FOR THI	S WORK:	
							Name			<del>}-</del>
(IF APPLICAB	OUS PRO	GRESS!	OF DAY	DRILL:	ING OR		Address			
			PERMISSIO		AINED			Jane Le		
			, 19							
							Sand			1eet
							tary <u>x</u> / Ca	able Tools		
		-	_				feet.			
							eing mined in			
Work wa	s comme	enced	Nove	mber	_23	, 19 <u>80</u> ,	and completed	Decem	ber 12,	19 <u><b>80</b></u>
CASING AND T	UBING	PROGRA	М							
CASING OR TUBING TYPE	Size	SPEC Grade	Weight per ft	NS New U	Jsed Fo	FOOTAGE or drilling	INTERVALS	CEMENT FILL-U OR SACKS (Cubic feet)	JP -	PACKERS
Conductor	11-3/	4"		x		891	891	Cemented	toxsurfa	ce
Fresh water	1	1				* * *				
Coal	11			х		1164'	1164 8	11	Sizes!	
Intermediate		·				-			.	
Production	4311			x		7866°	78661	11	6627 Depths s	set
	1									
Tubing									Perforat	tons:
Liners								13 VV [a]	Top	
			-				州が建立			2000011
	-		-				Comp crany	0 1001		
	1	<u> </u>		1			<u> </u>	3 1981	_1L	
OPEN FLOW DA	ATA									
Produc	ing for	mation	LAR	VZ Ch	ert 🔓	talandar direction	OIL & G	Patr Zone den	<u>th (7788</u>	-7848 feet
			open flo			Mcf/d	OII: Initial	OF VIINE	BI	b1/d
			-		- Same	- Marine	Final o			bl/d
				6			and final tes			
e.	ratio n		-				measurement)			in
			to multi	•			,			
- • • •	•			-				Pav zone den	th	feer
G.							Oil: Initial			
	Fi	_	•				Final o			52/ G
							and final tes			The state of the s
S	tatic r	ock pr	ressure,		psi	Lg (surface	e measurement)	arterh	ours shut	iri.

[08-78]

DETAILS OF PERFCRATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Perforations - 7843 - 7857' - 28 shots

Well not fractured.

WELL LOG

FORMATION	Color	Hard or Soft	Top Feet	Bottom Feet	Remarks Including indication of all and salt water, coal, oil a	fres nd ga
Shale Sand COAL **** Sand & Shale Big Lime Injun Sand Sand & Shale Bradford Sand Sand & Shale Benson Sand Sand & Shale Elk Sand Sand & Shale Elk Sand Sand & Shale Tully Limestone Shale Omendago Sand Chert Sand Shale	Color	Soît	0 20 125 128 1350 1546 1600 2790 2820 4030 4090 5150 5210 7514 7542 7746 7788 7848 Pth // //	20 125 128 1350 1546 1600 2790 2820 4030 4090 5150 5210 7514 7542 7746 7788 7848 7877	Including indication of all and salt water, coal, oil a  Water = ½" Stream @ 1  Coal ****  (Driller)	nd ga

(Attach separate sheets to complete as necessary)

	Allegheny	Land	&	Mineral	Company
Well Opera					
Ву	Claron Da	wson			
Its	Supt.				

NOTE: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

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

#### AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Farm Name:	Penn Virginia C	Prositions Co	. LLC	Operator	Well No.	: 910925	the state of the s
Location:	Elevation: 3099	i C	) Duadrangk	e Cassit	u 7.5	282	
Localion.	District: Nidule	FX 5 C	ounty	Randolph	/		_
•	Latitude	Fe	et South o	of	Deg		Sec.
	Longitude	Fr	eet West	of	Deg	g Min.	Sec.
Well Type: O	il Gas	s <u> </u>					
Company	CLOSAPECKE A	salach.	LLI	Coal Ope	rator or	Arch Coal C	company
Company:	PD Box 131	OD		Owner:		2708 Egaber	y Squire
	June Lew, W	N 2637	8	•		Margantown,	WV 76505
	Jene Ca ,			Coal Ope	rator or		
Agent:	Eric B. Gi	llesp.e		Owner:		***************************************	-
•		•					And the state of t
Permit Issue	ed Date: 5-2	- 2012		-			
			AFFID	AVIT			
State of Wes	st Virginia, County	of Peals	olon	S	s:		
				hoine fire	t duly ou	ioro accordina to	law plugging
Bichard S	i i i louick and L	ARRY BOW	EKS	pellig illo	amed we	il operator and	participated in
and filling oil	l and gas wells and plugging and filling	o were empi	uyeu by ii well cav th	at said wo	rk was c	ommenced on the	ne 30 th
		and the w	all was nii	inned and	filled in th	he following mar	nner:
day of Nove	m) p: 20 10						
TYPE	FROM	ТО		PE REMOV		LEF	
Cement	7800	7700		of 21/8		60' of 27/9	
cement.	2167	2010	4000	of 41/2	csş	3866' of 4	G ( 59
cement	1192	1020				, . ,	
CAMPAT	150	surface	- 4		,		
				of afterna			
			10 Y	994,398	3 /		
		<u> </u>					
Description	on of monument: <u>}</u>	11/2 isc vil	H 3' abou	c + 3' be	low surt	名でく and th	at the work of
plugging and	d filling said well w	as complete	d on the_	10th	day of_		3 20 12.
	er deponents saitl					١,٠	O.
in the second se		American	Brown			: D./	and the second
		4001	. 9 17	h		20 / 1	" Page Of The Care
	nd subscribe befor	e me this _/	(3	day or <u>p</u>	(ccm)	<u>cr</u> 20 12	
My comm	nission expires:	3 - 20 -	2016	·		No.	1 Coloration
Notary Publi	ic Xoure	Hay she	25-		À	A STANDARD OF THE STANDARD OF	WEIAL SEAL , State Of West Virginia
Affidavit revi	iewed by the	1 100	an .		Ž,	Joyc	e A. Daugherty 💡
Office of Oil		I Hathel	//		3'	Phill	:1 Box 271-3
	1 - 4	- 1			1	My Commissio	n Expires March 20, 2016
Title:	8 4 gas m	ssecrer_	***		* *		01/04/2013