Elk-Poca (192)

		v		STATE OF WEST	' VIRGINIA		Daten.	Decem	ber 2	, 19
PORM - (Obve	IV-35	D	EPARTMEN"	r of mines, C	IL AND GAS	DIVISION	Operator Well No.		n Pfost #	1-2A
[08-7		DRILLING. [WELL OPERATOR OF G AND/OR STIM					47 035 State County	
ELL TYPE:	Oll	STE Strands and Strands are no militarial in the annual accompany place from the contract and accompany accompany and accompany accompany and accompany accomp		uid Injection						
	(If "Gas	", Producti	on_X_/	Undergroun Watershed:	nd storage_	/ De d	? P/			98 (2000-28 419) (20 to 1802-28 51) (4 8 P P P) 5 P P P 1
				County: J			angle:		por la facilità de la facilità della	na 100 militari aranggan arang tinggan dan dan

Of the first of th	MAN AND AND AND AND AND AND AND AND AND A
District: Washington County:	Jackson Quadrangle: Gay 7,5
ELL OPERATOR Allegheny & Western Energy Corp.	. DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O.Box 2587	
Charleston, WV 25329	Charleston, WV 25314
CANCEL SCHOOL SCHOOL	
PERMITTED WORK: Drill X / Convert/ Dril	l deeper / Redrill / Practure or stimulate
Plug off old formation/	Perforate new formation/
Other physical change in well (specify)
PERMIT ISSUED ON	OIL & GAS INSPECTOR FOR THIS WORK:
(IF APPLICABLE: PLUGGING OF DRY HOLE ON	Name Richard Morris
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Address P.O.Box 372
, 19	Grantsville, WV-26417
GEOLOGICAL TARGET FORMATION: Oriskany	Depth 5500 4 10 4 Seet
	Rotary X / Cable Tools
Water strata depth: Fresh,feet;	
Coal seam depths: None IS	

			*							
CASING AND T	UBING I	PROGRAI	M.							
CASING OR TUBING TYPE	Biogram Linguistics		IFICATION Weight	1	general			INTERVALS	CEMENT FILL-UP OR SACKS	PACKERS
	Size	Grade.	per ft	New	Used	For	drilling	Left in wel	1 (Cubic feet)	
Jonductor	-									Kinds
Fresh water	9 5/8	Smls	24#	X			,	212†	125cf	
Coal										Sizes
Intermediate	7	Smls	23#	Х				2191'	125cf	
Production	1. 11.	Smls		Y				52801	120sacks	Depths set
	3 6 7 7		133-211		1					A Company of the Comp

Work was commenced October 27 , 19 80 , and completed November 5 , 19 80

Fresh water	แ 9 5/ช	5 DMLS	1 24#	[Δ.	1 11		1	La I La 8	مله مله مله مله	
Coal									·	Sizes
Intermediate	7	Smls	23#	Х				2191'	125cf	
Production	4 1/2							5280	120sacks	Depths set
Tubing	2 3/8									
	2.37.3	2111.5	<u> </u>				10.	man.	WARIN	Perforations:
Liners				<u></u>		ang pagamanan ng pagamanan ng pagaman ng pag		1100		5180rop 5184 Bettom
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OPEN	FLOW DA				1	4	Dry			DIVISION = MINE!		S180-84	ĵe¢.
		s: Ir	itial o)W,		Mcr/d Mcr/d			.,	7	Bbl/i	
	s St		Time	ာ ဂြ ု ope	n flo	w bet	ween initia	l and f	inal tes	sts,	hours		
	[If app	licabi	le due	to multi	iple o	comple	n Shale					4700-5054	(ee

Second producing formation <u>Devonian Shale</u>

Gas: Initial open flow, <u>Mcf/d</u>

Oil: Initial open flow, Bbl/d Final open flow, 110 Mcf/d Final open flow, 0 5bl/i Time of open flow between initial and final tests, hours

Static rock pressure, 1100 psig (surface measurement) after 24 hour provided 8:1980

FORM IV-35 (Reverse)

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

Oriskany: Perforated 5180-5184 with 16 shots; treated with 1000 gal of 28% Hcl and hydrofraced with 15000# each of 80-100 mesh and 20-40 mesh sand-total fluid: 654bbls.

Devonian Shale: Perforated 4700-5054 with 20 holes; treated 2000 gal of 15% Hcl and 1,080,000 cf of \mathbb{N}^2 .

WELL LOG

FORMATION	Color	Hard or - Soft	/m	Bottom Feet	Remarks Including indication of all fres and salt water, loai, oil and ja
					2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Red Rock			0	120	
Sand			120	122	Fresh Water
Shale & Sand	- 1		122	1112	
Salt Sand		- ALL CONTROL OF THE	1112	1808	Salt Water
Maxton Sand		OCC-6-Administration	1808	1885	part water
Big Lime		navera na do como de c	1885		The state of the s
Injun		The national magnetic states of the states o		1975	
Shale	- 900		1975	2052	
			2052	2452	
Berea		**Delication of the second	2452	2456	
Shale		almonometry location	2456	5056	
Corn. Lime		MARTINIA (II) (II) (II) (II) (II) (II) (II) (I	5056	5160	
Oriskany		medical and a second	5160	5218	
Lime HDBG	and the second s		5218	5444 T.D	
				The state of the s	
		and district on			
	, .	Corchmonate Land			
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		were and the second sec			
				PPP-00-rock	
		Western Address		- Modern Constitution	
		Gridish Score		- Districtive design	
		and the second s		The state of the s	
		**ACCOMPANY			
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(Attack separate sheets to complete as necessary,

Allegheny	&	Western	Energy	Corporation
Well Operat	or			

(1)

It Executive Vice President

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."

TELEPHONE: (304) 348-3092

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

Date	:	October	20,

[08-78]

OIL AND GAS WELL PERMIT APPLICATION

Operator's Well No. John J. Pfost 12A

OIL AND GAS WELL PERMIT APPLICATION API NO. 27 035 1538
WELL TYPE: Oil/ Gas X_/
(If "Gas", Production X / Underground storage / Deep X / Shallow /
LOCATION: Elevation: 760' Watershed: MillCreek
District: Washington County: Jackson Quadrangle: GAY
WELL OPERATOR Allegheny & Western Drilling Corp. DESIGNATED AGENT Roland C. Baer, Jr.
Address P.O. Box 2587 Address 1588 Connell Road
Charleston, WV 25329 Charleston, WV 25314
OIL & GAS ROYALTY OWNER John J. Pfost ET AL COAL OPERATOR Not Applicable
Address 1246 Greenbrier Court Address
Charleston, WV 25311
Acreage 1219 acres COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER same as above Name
Address Address Address
OCT 2 2 1980
ACTENTE
FIELD SALE (IF MADE) TO: OIL & GAS DIVISION
DEPT. OF MINES.
Address COAL LESSEE WITH DECLARATION ON RECORD:
Name
OIL & GAS INSPECTOR TO BE NOTIFIED Address
Name Richard Morris
Address <u>p.O. Box 372</u>
Grantsville, WV 26417
The undersigned well operator is entitled to operate for oil or gas purposes at the above
location under a deed / lease X / other contract / dated April 27 , 1977 ,
undersigned well operator from Ross & Barker Gas Company
[If said deed, lease, or other contract has been recorded:]
Recorded on November 3 , 19 77 , in the office of the Clerk of the County Commission of Jackson
County, West Virginia, in Book <u>146</u> at pure <u>27</u> . A permit is requested as follows
PROPOSED WORK: Drill _/ Drill deeper _/ Redrill _/ Practure or stimulate/
Plug off old formation / Perforate new formation /
Other physical change in well (specify)
planned as shown on the work order on the reverse side hereof.
The above named coal operator, coal owner(s), and coal lossed are hereby notified that any
pbjection they wish to make or are required to make by Code § 22-4-3 must be filed with the Department
of Mines within fifteen (15) days after the receipt of this Application by the Department.
Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed
by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal leaders
on or before the day of the mailing or delivery of this Permit Application to the Department of Mines as
Charleston, West Virginia.
PLEASE SUBMIT COPIES OF ALL
GEOPHYSICAL LOGS DIRECTLY TO: Allegheny & Western Drilling Corporation
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION GIVE WASHINGTON STREET EAST HARLESTON, WV 25311

PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

Conductor Size Grade per ft New Uned For drilling beft in well Coupic feet) Rinds Fresh water 9 5/8 43# X 200' 100 sks Coal Intermediate 7" 23# X 2,000' 125 sks Intermediate 7" 23# X 2,000' 125 sks Depths set Tubing Liners MOTE: Pegulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (2) a plat in the form present by Regulation 11, (15) a bond in one of the forms presented by 12 a plat in the form presented by the other security allowed by Code \$ 22-4-2, (15) Form IV-2, "Reclaration Plan" applicable to the reclamation required by Code \$ 22-4-2, (15) Form IV-2, "Reclaration Plan" applicable to the reclamation required by Code \$ 22-4-2, (15) Form IV-2, "Reclaration Plan" applicable to the reclamation required by Code \$ 22-4-2, (15) Form IV-2, "Reclaration Plan" applicable to the present of the same will, the fee required by Code \$ 24-4-12a, and (4) if complication and the same will, the fee required by Code \$ 24-4-12a, and (4) if complication of the same of the form power of any water wail or deciling with a same of the form power of the bonk fee which a permit is sought at the provinces Sound in the Formation for the bonk fee which a permit is sought at the provinces Sound in the Formation in the same of the work fee which a permit is sought at the following waiver must be completed by the coal operator and by any coal court or coal leases who has recorded a declaration under Code \$ 22-4-28, if the permit is to be issued within fifesee in the coal operator and by any coal court or coal leases who has recorded a declaration under Code \$ 22-4-28, if the permit is to be issued within fifesee in the coal operator and by any coal court or coal leases who has recorded a declaration under Code \$ 22-4-28, if the permit is to be issued within fifesee in the coal operator and by any coal court or coal lease with a coal coal coal inder the location, the well location has been added to the mine man. The undersigned has no					Addre	ss		**************************************		
Estimated depth of completed well, 5,950' feet Rotary X / Coble tools_ Approximate water strata depths: Presh, feet; salt, feet. Approximate coal seam depths: N/A						***************************************	Managadurus (1994) araba da		and Annie Maria Ma	
Approximate water strata depths: Fresh, feet; salt, feet. Approximate coal seam depths: N/A IS coal being mined in the area: Yes							The state of the s	······································	- Advisor Trade Spring	
Approximate coal seam depths: N/A										Cable tools/
CASING ON TUBING PROGRAM CASING OR SPECIFICATIONS POOTAGE INTERVALS CEMENT FILL-UP PACE OR SACKS Conductor Size Grade per ft New Unoid For drilling Left in well (Cubic Peet) Conductor Kinds Fresh water 9 5/8 43# X 200' 100 sks Coal Intermediate 7' 23# X 2,000' 125 sks Production 4 Left 10 st X 5,400' 300 sks Depths set Tubing Perforations Tubing Perforations Top MOTE: Regulation 7.02 of the Separateurs of Mines provides that the original and four complex of form 71-3 must be filld with the Deparateur, accompanied by (8) a plat in the form pread by Segulation 11 fill a both the Deparateur, accompanied by (8) a plat in the form pread by Segulation 11 fill a both by Segulation 11 fill a both the Separateur, accompanied by (8) a plat in the form pread by Segulation 11 fill a both 20 st 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation resulted by Code \$ 22-4-2. (511) form 70's Teclemation flow applicable to the reclamation state of the proposed well. This PERMIN deposable Possibly 48 delivers by Find 40 page 10									-	
Conductor Size Grade per ft New Uned For drilling left in well (Cubic feet) Conductor Fresh water 9 5/8 43# X 200' 100 sks Coal Intermediate 7" 23# X 2,000' 125 sks Intermediate 7" 23# X 2,000' 125 sks Production A 14" 10 18 X 5,400' 300 sks Depths set Tubing Liners Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prese by Regulation 1, (ii) a bond in one of the forms presented by Regulation 11, or in the thereof the other security allowed by Code \$ 22-4-2, (iii) Form IV-2, "Reclaration Plan" applicable to the reclaration required by Code \$ 22-4-2, (iii) Form IV-2, "Reclaration Plan" applicable to the reclaration required by Code \$ 22-4-2, (iii) Form IV-2, "Reclaration Plan" applicable to the reclaration required by Code \$ 22-4-2, (iii) Form IV-2, "Reclaration Plan" applicable to the reclaration required by Code \$ 22-4-2, (iii) Form IV-2, "Reclaration Plan" applicable to the reclaration required by Code \$ 24-4-2, (iii) Form IV-3, "Reclaration Plan" applicable to the proposed well." This permit she proposed well." This permit she proposed by Regulation 1, or in the companion of any water well of welling with \$800 feet of the proposed of well." The provision bond in decisions is to be part of the bonk for which a permit is accept at a provision bond of the W. Va Code, the location is bendy approved for the W. Va Code, the location is bendy approved for W. Va Code, the location is bendy approved for the W. Va Code, the location is bendy approved for the W. Va Code, the location is bendy approved for the W. Va Code, the location is bendy approved to the proposed to be done at this location, in f a fine map exists which covers the area to be tossed within fifteen (is) days of receipt thereof: W. I W. E. B. The undersigned coal operator on one map The undersigned has no object the order proposed to be done at this location, provided, the well operator has comiled with all coation, has examined this proposed with a complete with all coation has even the done of the form	Approxi	mate c	oal se	am dept	hs: _	N/A	<u>1</u>	coal being m	ined in the area	n Yes ∕- No_X
TOSING TYPE Size Grade per ft New Used For drilling Left in well (Cubic feet) Conductor Conducto	CASING AND T	UBING	PROGRA	М						
Size Grade per ft New Uned For drilling left in well (cubic feet) Conductor Presh water 9 5/8 43# X 200' 100 sks Coal Lotermediate 7" 23# X 2,000' 125 sks Production 4 L" 10 L" X 5,400' 300 sks Depths set Tabling Liners Li			SPEC	IFICATI	ONS		FOOTAGE	INTERVALS	#CEMENT FILL-UP	PACKERS
Conductor Presh water 9 5/8 43# X 200' 100 sks Sizes Intermediate 7" 23# X 2,000' 125 sks Production 4 10 10 10 X 5,400' 300 sks Depths set Tubing Liners Liner			Grade	Weight per ft	New	1		8	OR SACKS	
Presh water 9 5/8 43# X 200' 100 sks Sizes Intermediate 7" 23# X 2,000' 125 sks Production 4 4" 10 1 X 5,400' 300 sks Depths set Tubing Liners Tubing Liners Top WOFF: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (3) a plat in the form prese by Regulation 11, (11) a bond in one of the forms presented by Regulation 12, or in 10 thereof the other security allowed by Gode 5 22-4-12 and Regulation 12, or in 10 the sensent required by Code 5 22-4-12 and Regulation 23, (10) inless previously poid on the same well, the fee required by Code 5 22-4-12, and (0) if whele previously poid on the same well, the fee required by Code 5 22-4-12, and (0) if whele the previously poid on the same well, the fee required by Code 5 22-4-12, and (0) if while 800 feet of the proposed well. THIS PERMIN debioshade Pobmitarial William Start required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought at its potential such on the Form IV-8 filed, injurious Code 5 22-4-20, if the permit is sought at its protections have not commenced by 6-24-81 Other W. Vo. Code, the location is barely deprived of the W. Vo. Code, the location is barely deprived of the W. Vo. Code, the location is barely deprived of the W. Vo. Code, the location is barely deprived The intersigned coal operator owner lesse for the coal under the coal within fifteen (18) days of receipt thereof: WA I YE B The undersigned coal operator owner lesse for the coal under the coal on, the well location has been added to the mine man. The undersigned has no object the work proposed to be done at this location, provided, the well operator because the area well location, the well location has been added to the mine man. The undersigned has no object the work proposed to be done at this location, provided, the well operator has compiled with all the work proposed to be done at this location and dev										and the state of t
Intermediate 7" 23# X 2,000' 125 sks Production 4 k" 10 k" X 5,400' 300 sks Depths set Tubing Liners Performance The mass be filled with the Department, accompanied by (1) a plat in the form press by Regulation 11, (61 a bond in one of the forms presented by Regulation 11, or in the thereof the other security allowed by Cade \$ 22-4-2; (iii) Form IV-9, "Reclamation Plan" The applicable to the reclamation required by Cade \$ 22-4-2; (iii) Form IV-9, "Reclamation Plan" The present she proposed well. THIS PERMIT Shephale Point DV-8 While Whit Whit She required for fracturing or stimulating a well where fracturing on stimulating is to be part of the work for which a permit is sought at the protection as such an the Form IV-8 fleed, in promosed to the reclamation of the W. Vo. Code, the location is breaky approved drilling This permit lesses who has recorded a declaration under Code \$ 22-4-20, if the permit is to be issued within fifteen (18) days of receipt thereof: WAIVER The intersigned coal operator lesse A of the coal under the location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator and second with a received with an operator of the second on the proposed well location. If a mine map exists which overs the area well location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator as completed with all location, the well location has been added to the mine map. The undersigned has no object	Fresh water	9 5/8		1.34	v			2001	100 sks	1.1.1140
Intermediate 7" 23# X 2,000' 125 sks Production 4 L" 10 L X 5,400' 300 sks Depths set Production 4 L" 10 L X 5,400' 300 sks Depths set Production 7.98 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form press by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lie thereof the other security allowed by Oads 8 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the feer required by Code \$ 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the feer required by Code \$ 22-4-12b and (iv) if maplity the consent required by Code \$ 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the feer required for fracturing or stimulating a well where fracturing on stimulating is to be part of the work for which a permit is sought at is protected as augulon on the form IVAR filed.ing.connection therewith. All provious bond in describing is to be part of the work for which a permit is sought at is provious bond in describing the feet of the W. Vo. Code, the location is breaky approved of the W. Vo. Code, the location is breaky approved for IIIng			Sep.	14011	1 25			200	100 383	Sizos
Production 4 4" 10 4" x 5,400" 300 sks Depths set Tubing Liners Pegulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (6) a plat in the form presc by Regulation II, (ii) a bond in one of the forms prescribed by Regulation I2, or in the thereof the other security allowed by Code \$ 22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code \$ 22-4-12h and Regulation 23, (iv) unless previously paid on the same will, the fee required by Code \$ 22-4-12h and Regulation 23, (iv) unless feet of the proposed well. THIS PERMW separate Power INV-4 Shift Which the required for fracturing or stimulating a well where fracturing on stimulating is to be part of the work for which a permit is sought at is noted as such on the forms filed, in connection therewith. Of the W. Va. Code, the location is hereby approved drilling. This permit shell expire if operations have not commenced by 6-24-81. Desputy Director Oil & Gas Division The following waiver must be completed by the coal operator and by any coal owner or coal lesses who has reconded a declaration under Code \$ 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: WAIVER The undersigned coal operator owner lesses which expers the area well location, the well location has been added to the mine man. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all location, the well location has been added to the mine man. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all location, the well location be done at this location, the well operator has complied with all location.	······································	711		224	77			2 0001	105 -1	01263
UCTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (2) a plat in the form presc by Regulation II, (11) a bond in one of the forme prescribed by Regulation I2, or in the thereof the other security allowed by Code \$ 22-4-2, (141) Porm IV-9 "Reclamation Plan" applicable to the reclamation required by Code \$ 22-4-12b and Regulation 12, (tv) unless previously paid on the same will, the fee required by Code \$ 22-4-12a, and (4) if orphistic analysis and on the same will. THIS PERMY SelbGrabb POSMINIVA SMINIVAL SE required for fracturing or stimulating with the fracturing on stimulating is to be part of the work for which a permit is sought at its provides should be supported by the sound of the W. Vo. Code, the location is hereby approved for Institute the proposed by Gode S 22-4-81. The fallowing waiver must be completed by the enal operator and by any coal owner or coal lesses who has recorded a declaration under Code \$ 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: The undersigned coal operator / owner lesse / of the coal under the coation has examined this proposed well location. If a mine map exists which owers the area well location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well oncertor has compiled with all location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well oncertor has compiled with all location.				7	_					D = 61 = 4
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form 17-2 must be filed with the Department, accompanied by (i) a plat in the form presc by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lie thereof the other security allowed by Code § 22-4-12, (ii) Form 17-9, "Reclamation Plan" applicable to the reclamation required by Code § 22-4-12 and (v) if amplication the case of the proposed well. The fee required by Code § 22-4-12, and (v) if amplication the required by Code § 22-4-12 and (v) if amplication the required by Code § 22-4-12 and (v) if amplication the required by Code § 22-4-12 and (v) if amplication feel of the proposed well. THIS PERMIX deployable POWNEDVAR AND White OF requirement for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought at its provinces being in the Form IN-22 filed in powned of the W. Va. Code, the location is hereby approved of the W. Va. Code, the location is hereby approved for United Section 12-12. The permit was one not commenced by 6-24-81 Descriptions was one not commenced by 6-24-81 The undersigned coal operator Or coal lessee who has reconded a declaration under Code § 22-4-20, if the permit is to be tested within fifteen (15) days of receipt thereof: WAIVER The undersigned coal operator Owner Incation, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well norator has complied with all ocation, provided, the well norator has complied with all ocation to the work proposed to be done at this location, provided, the well norator has complied with all ocation to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well norator has complied with all ocation to the mine map.		4 2		110 - 25	X_			5,400	300 sks	Depths set
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form press by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lie thereof the other security allowed by Code § 22-4-12 (iii) Form IV-9, "Reclamation Flan" applicable to the reclamation required by Code § 22-4-12 and (n) if amplifying the agreement required by Code § 22-4-12 and (n) if amplifying the agreement required by Code § 22-4-12 and for it amplifying the provides of the proposed well. THIS PERMIN SABBRABE POSTEDIVAS AND White By required for fracturing or stimulating a well where fracturing on stimulating is to be part of the work for which a permit is sought at is provident such on the form IV-12 filed, in provides bond in the colon is hereby approved of the W. Va. Code, the location is hereby approved for Illing . This permit shall expire if appearance or coal lesses who has reconded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (IS) days of receipt thereof: WA I V E R The undersigned coal operator owner lessee of the coal under the location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well norator has compliced with all ocation, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well norator has compliced with all ocation, the well location becomes the second test with a location provided, the well norator has compliced with all ocation provided, the well norator has compliced with all ocation provided, the well norator has compliced with all ocation provided, the well norator has compliced by the coal with all ocation provided, the well norator has compliced with all ocation provided, the well norator has compl		,								
NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescriby Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in Ite thereof the other security allowed by Code \$ 22-4-2, (iii) Form IV-9, "Reclamation Plan' applicable to the reclamation required by Code \$ 22-4-2, (iii) Form IV-9, "Reclamation Plan' applicable to the reclamation required by Code \$ 22-4-12a, and (n) if amplitheness previously paid on the same well, the fee required by Code \$ 22-4-12a, and (n) if amplitheness to be compared to the proposed well. THIS PERMIN SABETABLE PRODITIONAR SHALLWINGLY SET required for fracturing or stimulating a well where fracturing on stimulating is to be part of the work for which a permit is sought as the provisions Bond in the form IV-8, filed, important therewith. All provisions Bond in the form IV-8, filed, important therewith of the W. Va. Code, the location is hereby approved for illing This permit shall expire if operations have not commenced by 6-24-81. The fallowing waiver must be completed by the coal operator and by any coal owner or coal lessee who has reconded a declaration under Code \$ 22-4-20, if the permit is to be issued within fifteen (IS) days of receipt thereof: WA I VE B. The undersigned coal operator owner / lessee / of the coal under the coation, the well location, the well location. If a mine map exists which covers the area well location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all coation, provided, the vell operator has complied with all coation and the proposed to be done at this location, provided, the vell operator has complied with all coation.	riuet.2				 	 				
Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form presc by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in the thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code § 22-4-12 and (v) if applicable to the reclamation required by Code § 22-4-12a, and (v) if application the same mell, the fee required by Code § 24-4-12a, and (v) if application the consent required by Code § 22-4-3a from the owner of any water well or dwelling with 200 feet of the proposed well. THIS PERMI Separate Point DV-48 shall Ninds to be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought at its noted as such on the form IV-2 filed in provisions boing in detections being in the provision of the W. Va. Code, the location is hereby approved for difference of the well breather of the permit is to be issued within fifteen (15) days of receipt thereof: WA I V E R The undersigned coal operator owner lesses / of the coal under the location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all coation with a second control of the work proposed to be done at this location, provided, the well operator has complied with all coations.						-				Top Botto
Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form presc by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in the thereof the other security allowed by Code § 22-4-22, (iii) Form IV-9, "Reclamation Plan" applicable to the reclamation required by Code § 22-4-120 and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (ii) if application the consent required by Code § 22-4-3a from the owner of any water well or duelling with 200 feet of the proposed well. THIS PERMIN Separate Point DV-40 Individual Of required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought as is noted as such on the form IV-2 filed in a part of the work for which a permit is sought as is noted as such on the form IV-2 filed in a permit in the permit is sought as it is noted as such on the form IV-2 filed in a permit in the rewith. Of the W. Va. Code, the location is hereby approved for drilling						 				
The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has reconded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: WAIVER The undersigned coal operator / owner / lessee / of the coal under the coal operation has examined this proposed well location. If a mine map exists which covers the area well location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all	previ the co 200 fe THIS where is not All pi of the for—	ously ponsent per of PERMA fractu ed as revisions whillin	requir the prediction of the p	n the so eed by Coposed The Power stimum the Find decorate, the local	ame wilde Some It. TEDV Addition is This po	all, 22-4 Nahada gis Kora horab	the fee requi- 8a from the What Ste requito be part of filed in 2 conne y approved all expire if	red by Code (owner of any ired for fra the work fo	\$ 22-4-12a, and water well or a cturing or stimer which a permi	(n) if applicable, duelling within ulating a well
or coal lessee who has recorded a declaration under Code § 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof: \[\frac{\text{W} \text{ A I V E R}}{\text{ Constant Number of Code }} \] The undersigned coal operator \[\text{ Council of the coal under the location has examined this proposed well location. If a mine map exists which covers the area well location, the well location has been added to the mine map. The undersigned has no object the work proposed to be done at this location, provided, the well operator has complied with all the control of the coal under the second control of the coal under the location of the location of the coal under the location of the coal under the location of the location of the coal under the location of the coal under the location of the locat		eputy D	rector -	Oil & Go	as Divi	ion				
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