

RECEIVED

IV-35 (Rev 8-81) UcC 1 0 1982

OIL AND GAS DIVISION WYDEPARTMENT OF MINES



State of Mest Birginia

Bepariment of Mines Gil and Gas Bivision

Date	July	27,	1982	
Operat Well N				
Farm k	/illiam	and	Shirley	Ritchea
API No	. 47 -	103	- 1234	1

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

	nm storag	e Disposa e/ Dee	p/ Sha	allow X /)	
CATION: Elevation: 1525' Watershed Ru					<u>.</u> L
District: Proctor County Wetze					s K
		, -	WITCY	VIIIE	
MPANY Haddad and Brooks, Inc.					-
DRESS 905 Washington Rd, Washington, PA 15301	,				•
SIGNATED AGENT Henry M. Parsons	Casing	Used in	Left	Cement fill up	}
	Tubing	Drilling	in Well	Cu. ft.]
DRESS 121 Glenville Dr., New Martinsville, WV 26155 RFACE OWNER Wm. & Shirley Ritchea	Size 20-16		·		
DRESS Doolin Rt., Box 122, New Martinsville, WV	Cond.				
NERAL RIGHTS OWNER W.Ritchea, J.Lemasters,	13-10"			ļ	-
DRESS Doolin Rt., Box 122, New Martinsville, WV	9 5/8	14000	• • • •	150 sacks	
L AND GAS INSPECTOR FOR THIS WORK 26155	8 5/8	1483'	1483'	150 sacks	Neat
obert LowtherADDRESS Middlebourne, WV 26149	7				1
RMIT ISSUED July, 1981	5 1/2	10000		130 sacks	1 50:50
ULLING COMMENCED 8/28/81	4 1/2	4277'	4277'	170 sacks	POZ
ILLING COMPLETED 9/9/81	3				1
APPLICABLE: PLUGGING OF DRY HOLE ON	2				1
NTINUOUS PROGRESSION FROM DRILLING OR	Liners				
WORKING. VERBAL PERMISSION OBTAINED	used	,			1
OLOGICAL TARGET FORMATION Warren				•	1
		Dept		feet	
			Tools	· · · · · · · · · · · · · · · · · · ·	
MALEE STIATA GEOTHO PROCE UNKNOWN FACE.	Salt unkn	own feet	Drilled v	vith fluid.	
Water strata depth: Fresh unknown feet;					
Coal seam depths: 1355' (Pittsburgh Coal)	Is coal !	ceing mine	d in the	area? No	•
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA	Is coal 1	being mine		area? No	٠
Coal seam depths: 1355' (Pittsburgh Coal)	Is coal 1	being mine		area? No	
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d	Is coal !	ceing mine	h 3444'-3	area? No	
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d	Pay Oil: Init	zone dept tial open	h 3444'-3 flow N/ ow 22	area? No 480' feet A Bbl/d 88 Bb1/d	•
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial	Pay Oil: Init Fins	zone dept tial open al open fl	h 3444'-3 flow N/ ow 22 1 ho	area? No 480' feet A Bbl/d 8 Bbl/d	•
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface)	Pay Oil: Init Final al and fir	zone dept tial open al open fl	h 3444'-3 flow N/ ow 22 1 ho	area? No 480' feet A Bbl/d 8 Bbl/d	•
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface) (If applicable due to multiple completion-	Pay Oil: Init Final al and fir	zone dept tial open al open fl	h 3444'-3 flow N/ ow 22 1 ho	area? No 480' feet A Bbl/d 8 Bbl/d	
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface (If applicable due to multiple completion—Second producing formation	Pay Oil: Init Fina al and fir measurement	zone depticial open floal tests	h 3444'-3 flow N/ ow 22 1 hour 48 hour	area? No 480' feet A Bbl/d 8 Bbl/d	
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d	Pay Oil: Init Fins al and fir measurement Pay Oil: Init	zone dept tial open al open fl nal tests ent) after zone dept	flow N/ cw 22 1 how 48 hour h	area? No 480' feet A Bbl/d 88 Bbl/d ars ars shut in	
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d	Pay Oil: Init Fins al and fir measurement Pay Oil: Init Oil: Fins	zone depticial open fluid tests ent) after zone depticial open fluid open flu	h 3444'-3 flow N/ ow 22 1 hour h flow	area? No 2480' feet A Bbl/d 1.8 Bbl/d 1.8 Bbl/d 1.8 Bbl/d 1.8 Bbl/d	C 9 C
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d Time of open flow between initial	Pay Oil: Init al and fir measurement -) Pay Oil: Init Oil: Fine	zone depticial open flual tests cone depticial open fluid open fluid open fluid open fluid tests cal tests cal tests cal tests	flow N/ cw 22 1 hour h flow how	area? No 2480° feet A Bbl/d As Bbl/d Ars As shut in As feet Bbl/d Bbl/d Ars	C 20
Coal seam depths: 1355' (Pittsburgh Coal) EN FLOW DATA Producing formation Gordon Stray, Gordon Gas: Initial open flow N/A Mcf/d Final open flow N/A Mcf/d Time of open flow between initial Static rock pressure 530 psig(surface (If applicable due to multiple completion—Second producing formation Gas: Initial open flow Mcf/d Final open flow Mcf/d	Pay Oil: Init al and fir measurement -) Pay Oil: Init Oil: Fine	zone depticial open flual tests cone depticial open fluid open fluid open fluid open fluid tests cal tests cal tests cal tests	flow N/ cw 22 1 hour h flow how	area? No 2480° feet A Bbl/d As Bbl/d Ars As shut in As feet Bbl/d Bbl/d Ars	C 20

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

Notch Gordon at 3469', notch Gordon Stray at 3446 1/2'. Bridge plug set below
Gordon. Fractured with 41580 gal. gelled diesel and 7500# 80/100 sand, 34,000#
20/40 sand. ATR 20 BPM @ 3050 PSI.

WELL LOG

FORMATION (COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Undifferenti Greenbrier	ated SS & SH Tan H	0'	2572'	Pittsburgh Coal @ 1355'
Big Injun		2572'	26061	*(shows recorded from gas detector
SH & Sist		2606	2855'	defection des defections
leir	Gy S	2855'	3007'	
SH + Sist	Wt-Lt Gy H	3007'	3052'	•
Berea	Gy S	3052	3202'	•
H & Sist	Lt Bn-Lt Gy H	3202'	3242 •	*SG
ordon Stray	Gy S	32421	3444'	
ilst	Lt Gy H-S	3444	3452'	*SG
ordon	Lt Gy S	3452'	3464'	
	Wt s	3464 •	3480'	*SG
H	Lt Gy S	3480'	3506'	
ourth	Lt Gy S	3506'	3513'	*SSG
H & Sist	Gy S	3513'	3560'	
ifth	Lt Gy S	3560'	3562'	*SG
H & Sist	Gy S	3562'	3668'	•,
ayard	Gy S Lt Gy S	36681	3680	*SG
H & Sist	Gy S	3680'	4119'	30
rren	Lt Gy S	4119'	4148	*SSG
Ħ	Gy S.	4148'	4285	T.D.
			420)	1.0.
		•	i	
	·			
			1	
				•
		(<u> </u>	
		, I	1	
			į	
		·		
			i i	•
		1		
		j		·
			I	
	İ	į	1	
	`	l	j	
		į		

(Attach separate sheets as necessary)

Haddad and Brooks	, Inc.		•
Well Operator			
By: Carl a.	Bre	Geologist	•
Date: Carl A. Boe	July 27, 1982		

Note: Regulation 2.02(i) provides as follows:

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

RECEIVED

JUL 2 9 1982

IV-35 (Rev 8-81)

OIL AND GAS DIVISION WY DEPARTMENT OF MINES



Date	July	27,	1982	
Operato Well No			1	

Farm William and Shirley Ritchea

API No. 47 - 103 - 1234

State of Mest Airginia

Gil and Gas Bivision

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

		" Producti	.on/ Undergro	und Stora	ge/ Dee	p/ Sha	allow_X_/)	
LOCATION:	Elevation:		Watershed_Ru	ish Run, a	branch of	Little F	ishing Cre	ek
	District:_	Proctor	County_Wetze	<u>: l</u>	_Quadrangl	e Wiley	ville	
								_
COMPANY H	laddad and Br	ooks, Inc.						•
ADDRESS 9	05 Washingto	n Rd, Wash	ington, PA 15301	Casing	Used in	Left	Cement	7
DESIGNATE	AGENT Henr	y M. Parso	ns	Tubing	Drilling	1	fill up Cu. ft.	İ
ADDRESS 12	l Glenville	Dr.,New Ma	rtinsville, WV	Size		III WELL	cu. Ic.	┥
SURFACE OF	VNER Wm. & Sh	irley Ritc	26155 hea	20-16				
ADDRESS_Do	olin Rt.,Box	122,New M	artinsville, WV	Cond.				1
MINERAL RI	IGHTS OWNER_		J.Lemasters,	13-10"	 			1
ADDRESS_D	oolin Rt.,Bo	x 122, New	Moore Martinsville,WV	9 5/8	14001	11001	150 sacks	Lite
OIL AND GA	S INSPECTOR	FOR THIS	WORK26155	8 5/8	14831	14831	150 sacks	Neat
Robert Lo	wther ADDRESS	Middlebou	rne, WV 26149	7				-
PERMIT ISS	SUED July, 1	981		5 1/2	1.077.	10771	130 sacks	50 _è 59
DRILLING C	COMMENCED	8/28/81		4 1/2	4277 '	4277'	170 sacks Thixo.	- 1
DRILLING C	OMPLETED	9/9/81					 	-
IF APPLICA		ING OF DRY		2				4
CONTINUOUS	PROGRESSION VERBAL PER	N FROM DRI	LLING OR	Liners]
ON	VINCENI FE	WILDSTON O	BIALIVED	used				1
GEOLOGICAL	TARGET FORM	ATION I	Warren		Dept	th 4119	9 feet	→
Depth	of complete	ed well	4285 feet F	Rotary X	/ Cable			
	_		unknown feet;			-	with fluid	
			Pittsburgh Coal)					
OPEN FLOW							52-Gordon	
		ion Gordon	n Stray, Gordon	Dav	zone dent	3444-34	480 - Gorde	21.467
Gas:	Initial ope	en flow	N/A Mcf/d	Oil: Ini	tial open	flas N	/A PL7/3	
			N/A Mcf/d					
			ow between initi					
Stati			psig(surface		_			
			iple completion-				rs sinc m	
					zone dept	-h	feet	
Gas:	Initial ope	en flow	Mcf/d	Oil: Ini	tial open	flow		
			Mcf/d					
			ow between initi					
Stati			psig(surface					
			_					
			AUG S	1992	(Contin	ue on rev	erse side))

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

Notch Gordon at 3469', notch Gordon Stray at 3446 1/2'. Bridge plug set below Gordon. Fractured with 41580 gal. gelled diesel and 7500# 80/100 sand, 34,000# 20/40 sand. ATR 20 BPM @ 3050 PSI.

WELL LOG

FORMATION COLOR HARD O	R SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Undifferentiated SS & SH		01	2572 '	Pittsburgh Coal @ 1355'
Greenbrier Tan	H	2572'	26061	*(shows recorded from gas detector)
Big Injun Wt-Gy	H-S	26061	2855'	,
SH & Slst Gy	S	2855'	י 3007	
Weir Wt-Lt Gy	Н	3007'	30521	
SH + Slst Gy	S	30521	3220'	
Berea Lt Bn-Lt Gy	Н	3220'	32421	*SG
SH & S1st Gy	S	32421	34441	
Gordon Stray Lt Gy	H-S	34441	34521	*SG
Sist Lt Gy	S	34521	34641	
Gordon Wt	S	34641	3480'	*SG
SH Lt Gy	S	י 3480	3506'	
Fourth Lt Gy	S	35061	3513'	*SSG
SH & Sist Gy	\$ \$ \$ \$ \$ \$	3513'	3560'	
Fifth Lt Gy	S	3560'	3562'	*SG
SH & Slst Gy	S	35621	3668'	
Bayard Lt Gy	S	36681	3680'	*SG
SH & Slst Gy		3680'	4119'	
<u>Varren</u> Lt Gy	S	4119'	4148'	*SSG
GY Gy	· S	4148	4285 '	T.D.
		1		
			l l	
]	
•		į	l i	•
		(
		`		
			1	
•				
4.		1	1	3480 805 Stpl. Ftg
				420%
			1	2480 1010
				3/25/001
				~ gU ~
			· .	V
·		1	1 1	

(Attach separate sheets as necessary)

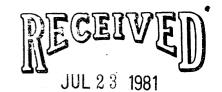
Haddad and Brooks,	Inc.	
Well Operator		
	0	
By: Carl a.	Doe .	Geologist
Date: Carl A. Boe	July 27, 1982	
		

Note: Regulation 2.02(i) provides as follows:

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

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

MENT OF MINES



Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION OF MINES

Charleston, W. Va.	
	DATE July 20, 1981
whee Owner William & Shirley Ritchea	Company Wescap Oil & Gas Company 07
Doolin Rt.Box 122, New Martinsville, W	V 26155
W.Ritchea, J.Lemasters, C.Moore	Fem William Ritchea MO-2-583 62
Doolin Rt. Box 122. New Martinsville	e WV Location (waters) Rush Run
Owner Arco 261	155
1500 Security Life Bldg., Denver, CO	Well No 1 Rievation 15 Proctor Wetz
	202 County
idense	Quadrangle Wileyville
S PERMIT MUST BE POSTED AT THE WELL SITE	Andrews
provisions being in accordance with Chapter 22, the W. Va. Code, the location is hereby approved	
drilling renewed. This permit shall expire if	INSPECTOR
erations have not commenced by 3-27-82	TO BE NOTIFIED Phil Tracy
Just Sugetto	ADDRESS Middlebourne WV 26149
Deputy Director - Oil & Gas Division	PHONE 304-758-4573
NTLEMEN:	
and an arrangement west operator in entitled to drill upon	the above named farm or tract of land for oil and gas, have
was the same that the table of the same of	حادثات ۵۰ الله اسمامال اسمامال عدد السمامال عدد السمامال عدد السمامال عدد السمامال عدد السمامال عدد السمامال ع
ley E. Ritchea Mobay Chemical Corp	and recorded on the 23rd Ju
WALL ORIGINALLY DRILL	
The above named coal commerciandles on the	by notified that any objection they wish to make, or are req
Sopies of this notice and the enclosed plet man mailed	the with the Department of Mines within ten (10) days.
	by taken and interest to the shows some and
coal owners at their above shown respective address	day before or or
e-day with the mailing or delivery of this copy to the	Department of Mines at Charleston, West Virginia.
e-day with the mailing or delivery of this copy to the	Department of Mines at Charleston, West Virginia. Very truly yours
ase SUBMIT COPIES OF ALL	Department of Mines at Charleston, West Virginia. Very truly yours
as a submit copies of ALL	Department of Mines at Charleston, West Virginia.
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO:	Very truly yours (Sign Name) Robert 0. Karsian West Operator Wescap 0il & Gas Company
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS 5 Washington Street, East	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS 5 Washington Street, East rieston, West Virginia Well On	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS 5 Washington Street, East rieston, West Virginia Well On	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name) Later Operator (Sign Name) Later Operator Wescap Oil & Gas Company 333 Sylvan Avenue Street Englewood Cliffs City or Town
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS S Washington Street, East rleston, West Virginia Well On	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS S Washington Street, East rleston, West Virginia Well On	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS S Washington Street, East rieston, West Virginia Well On a Code 304 -348-3092 348-3096	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
ASE SUBMIT COPIES OF ALL PHYSICAL LOGS DIRECTLY TO: ICE OF OIL AND GAS SWashington Street, East rieston, West Virginia Well On a Code 304 -348-3092 348-3096 *SECTION 3 If no objections are filed or found by the sand plat by the department of mines.	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
Example 2 with the mailing or delivery of this copy to the Example 2 with the mailing or delivery of this copy to the Example 2 with a copy to the Example 2 with a copy to the Example 2 with a copy to the Example 2 with a copy to the Example 2 with a copy to the Example 2 with a copy to the co	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name)
EASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: TICE OF OIL AND GAS 5 Washington Street, East Fleston, West Virginia Well On a Code 304 -348-3092 348-3096 *SECTION 3 If no objections are filed or found by the	Department of Mines at Charleston, West Virginia. Very truly yours (Sign Name) Later Department Robert O. Karsian Well Operator Wescap Oil & Gas Company 333 Sylvan Avenue Street City or Town New Jersey State Department of mines, within said period of ten days from the receipment, the department shall forthwith issue to the well operator a permit receipment of count thereto by the department and that the same is appropriate to the same is appropriate to the same is appropriate to the same is approximate to the same is app

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

	R: (If Known)	RESPONSIBLE ACES	DEEPENFRACTURE STIMULATE RESPONSIBLE AGENT:			
			•			
ADDRESS						
TELEPHONE			6-8413			
ESTIMATED DEPTH OF	COMPLETED WELL: 4400		CABLE TOOLS			
PROPOSED GEOLOGICA!	L FORMATION: Warren					
		COMP X STORAG	GE DISPOSAL			
Poles of S						
	REC	TCLING WATER F	LOOD OTHER			
TENTATIVE CASING PR	OGRAM:	egiliani (1900). Santa ili santa ili santa ili santa ili santa ili santa ili santa ili santa ili santa ili san				
CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WILL	CEMENT FILL UP OR SACKS - CUBIC FT.			
20 - 16						
11 3/4"	X 60'	60'				
9 - 5/R·						
8 - 5/H	X 1450'	1450'	Cement to Surface			
7						
5 1/2						
4 1/2	X 4400'	4400'	Cement as Reeded 440 S			
7			Pert. Top Sor on rego			
Liners			Perf. Bottom by rule 15			
			Perf. Top Perf. Bottom			
			Terr. Bottom			
approximate coal de 18 coal being mined 10 drill:	IN THE AREA?	No BY WHOM?				
APPROXIMATE COAL DE 18 COAL BEING MINED TO DRILL: SUBMIT FIVE (5) C	IN THE AREA?	No BY WHOM?				
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) C OF PLAT.	IN THE AREA? OPIES OF OG 1, \$100.00 PI	No BY WHOM?				
APPROXIMATE COAL DE 18 COAL BEING MINED TO DRILL: SUBMIT FIVE (5) C OF PLAT. TO DRILL DEEPER OR R	IN THE AREA? OPIES OF OG 1, \$100.00 PI	No BY WHOM? ERMIT FEE, PERFORMANCE	BOND AND PERMANENT COPY			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOP PLAT: TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP WELLS DRILLED PROPERTY OF PLATE SUBMIT FIVE (5) COOP PLATE OF PLATE OF PLATE OF PLATE OF PLATE OF PROPERTY OF PROPERTY OF PLATE OF	IN THE AREA? OPIES OF OG - 1, \$100.00 PI EDRILL: OPIES OF OG - 1, SHOWING ORIOR TO 1929, A PERMANEN	NO BY WHOM? ERMIT PEE, PERFORMANCE PRIGINAL PERMIT NUMBER A				
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP WELLS DRILLED PROMITED BE SUBMITED ALSO BE SUBMITED PROMITED ALSO BE SUBMITED ALSO BE SUBMITED PROMITED ALSO BE SUBMITED PROMITED ALSO BE SUBMITED ALSO BE SUBM	IN THE AREA? OPIES OF OG - 1, \$100.00 PI EDRILL: OPIES OF OG - 1, SHOWING ORIOR TO 1929, A PERMANEN	NO BY WHOM? ERMIT PEE, PERFORMANCE PRIGINAL PERMIT NUMBER A	BOND AND PERMANENT COPY			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP WELLS DRILLED PROMITED FOR THE SUBMIT ALSO BE SUBMITED FOR THE SUBMITER OF THE SUB	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG - 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B	NO BY WHOM? ERMIT FEE, PERFORMANCE PRIGINAL PERMIT NUMBER A IT COPY OF THE PLAT AND	BOND AND PERMANENT COPY			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. WELLS DRILLED PROMUST ALSO BE SUBMIT ALSO BE SUBMIT FIVE (5) COOP PROMUST ALSO BE SUBMIT ALSO BE SUBMIT ALSO BE SUBMIT FRACTURE - STIMULE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OIL AND/OR GAS WIRE OF THE OIL AND/OR GAS WIRE	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. N AND/OR AFTER JUNE 5, 1929, FIVE (5)	BOND AND PERMANENT COPY ND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD			
APPROXIMATE COAL DE 18 COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. WELLS DRILLED PR MUST ALSO BE SUBMIT ALSO BE SUBMIT ALSO BE SUBMIT FIVE (5) COOP PRACTURE - STIMUL. OIL AND/OR GAS WING ORIGINAL PERMING ORIGINAL PERMINED	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED ORITINUMBER, AND PERFORMA But filed within ninety (90) days	NO BY WHOM? ERMIT FEE, PERFORMANCE PRIGINAL PERMIT NUMBER A IT COPY OF THE PLAT AND EFORE JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR AFTER JUNE 5, 19	BOND AND PERMANENT COPY IND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD COPIES OK: 1, PERFORMANCE			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RE SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR RE SUBMIT FIVE (5) COOP PLAT. TO TRACTURE - STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERM Required forms must	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF IT NUMBER, AND PERFORMA THE WITH THE PROPERTY OF THE PERFORMA THE WITH THE PERFORMA THE PERFORMANT OF THE PERFO	NO BY WHOM? ERMIT FEE, PERFORMANCE PRIGINAL PERMIT NUMBER A IT COPY OF THE PLAT AND EFORE JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR AFTER JUNE 5, 19 NOTE BOND.	BOND AND PERMANENT COPY ND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD COPIES OC: -1, PERFORMANCE 29, FIVE COPIES OG -1, SHOW- Inspector to be notified twenty-			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RE SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR RE SUBMIT FIVE (5) COOP PLAT. TO TRACTURE - STIMULA OIL AND/OR GAS WE BOND, PERMANENT OIL AND/OR GAS WE ING ORIGINAL PERM Required forms must	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF ELL ORIGINAL NO BY WHOM? ERMIT FEE, PERFORMANCE PRIGINAL PERMIT NUMBER A IT COPY OF THE PLAT AND EFORE JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR AFTER JUNE 5, 19 NOTE BOND.	BOND AND PERMANENT COPY ND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD COPIES OK: -1, PERFORMANCE 29, FIVE COPIES OG -1, SHOW-				
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOP PLAT. WELLS DRILLED PR MUST ALSO BE SUBMIT OIL AND/OR GAS WITH THE SUBMIT OIL AND/OR GAS WITH THE SUBMIT OIL AND/OR GAS WITH THE SUBMIT OF THE S	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OP OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF ETT NUMBER, AND PERFORMA The filed within ninety (90) days rance.	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. ON AND/OR AFTER JUNE 5, 1929, FIVE (5) NCE BOND. In of cumpletion for bond release	BOND AND PERMANENT COPY ND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD COPIES OC: 1, PERFORMANCE 29, FIVE COPIES OC: 1, SHOW- Inspector to be notified twenty-			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COMELLS DRILLED PROMUST ALSO BE SUBMIT AND/OR GAS WING ORIGINAL PERMIT ALSO BE SUBMIT AND/OR GAS WING ORIGINAL PERMIT ALSO BE SUBMIT AND ALSO BE SU	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED ORITINUMBER, AND PERFORMA But filed within ninety (90) days rance.	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. IN AND/OR AFTER JUNE 5, 19 NCE BOND. In of cumpletion for bond release to operator if the permit is to be	BOND AND PERMANENT COPY IND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OG: 1, PERFORMANCE 29, FIVE COPIES OG: 1, SHOW- Inspector to be notified twenty- issued within ten days of receipt			
APPROXIMATE COAL DE B COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOF WELLS DRILLED PR MUST ALSO BE SUBMIT OIL AND/OR GAS WITH ING ORIGINAL PERMIT OIL AND/OR GAS WITH ING ORIGINAL PERMIT ING ORIGINAL PERMIT ING. Required forms must four (24) hours in advanced forms must four (24) hours in advanced forms water.	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF OTT NUMBER, AND PERFORMA by flied within ninety (90) days rance. must be completed by the coal d, Agent for	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. IN AND/OR AFTER JUNE 5, 19 NCE BOND. Is of cumpletion for bond release of cumpletion for bond release. Coal Company, Owner.	BOND AND PERMANENT COPY IND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OC: -1, PERFORMANCE 29, FIVE COPIES OG -1, SHOW- Inspector to be notified twenty- issued within ten days of receipt or Operator of the cost under			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR R SUBMIT FIVE (5) COOWELLS DRILLED PR MUST ALSO BE SUBMIT ALSO BE SUBMIT ALSO BE SUBMIT OIL AND/OR GAS WITH BOND, PERMANENT OIL AND/OR GAS WITH	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF IT NUMBER, AND PERFORMA by filed within ninety (90) days rance. must be completed by the cost d, Agent for examined and place on our min	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND COPY OF THE PLAT AND COPY OF APTER JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR APTER JUNE 5, 1929, NCE BOND. In of cumpletion for bond release to the permit is to be company. Owners the maps this proposed well located the permit is to be company.	BOND AND PERMANENT COPY ND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD COPIES OC: -1, PERFORMANCE 29, FIVE COPIES OG -1, SHOW- Inspector to be notified twenty- issued within ten days of receipt or or Operator of the coal under stion.			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOP PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOP PLAT. TO FRACTURE - STIMULATE OIL AND/OR GAS WELLS OR BE SUBMIT OF THE STIMULATE OIL AND/OR GAS WELLS OR GAS WELLS OR GAS WELLS OF THE STIMULATE OIL AND/OR GAS WELLS OF THE STIMULATE OF THE	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF ATT NUMBER, AND PERFORMA But filed within ninety (90) days rance. must be completed by the coal d, Agent for examined and place on our min Coal Comp	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. IN AND/OR AFTER JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR AFTER JUNE 5, 193, NCE BOND. In of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletions for bond release of company. Owners this proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the bond release of c	BOND AND PERMANENT COPY IND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OC: -1, PERFORMANCE 29, FIVE COPIES OG -1, SHOW- Inspector to be notified twenty- issued within ten days of receipt or Operator of the cost under			
APPROXIMATE COAL DE IS COAL BEING MINED TO DRILL: SUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOF PLAT. TO DRILL DEEPER OR RESUBMIT FIVE (5) COOF PLAT. WELLS DRILLED PERMUST ALSO BE SUBMIT ALSO BE SUBMIT ALSO BE SUBMIT OIL AND/OR GAS WELLS OF THE PROPERTY OIL AND/OR GAS WELLS OF THE PROPERTY OF THE PROPE	IN THE AREA? OPIES OF OG 1, \$100.00 PI EDRILL: OPIES OF OG 1, SHOWING ORIOR TO 1929, A PERMANEN EMITTED. ATE: ELL ORIGINALLY DRILLED B PLAT AND ORIGINAL WELL ELL ORIGINALLY DRILLED OF ATT NUMBER, AND PERFORMA But filed within ninety (90) days rance. must be completed by the coal d, Agent for examined and place on our min Coal Comp	PRIGINAL PERMIT NUMBER AND COPY OF THE PLAT AND RECORD. IN AND/OR AFTER JUNE 5, 1929, FIVE (5) RECORD. IN AND/OR AFTER JUNE 5, 193, NCE BOND. In of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletion for bond release of cumpletions for bond release of company. Owners this proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the proposed well located the bond release of company is the bond release of c	BOND AND PERMANENT COPY IND PERFORMANCE BOND. ON THE ORIGINAL WELL RECORD COPIES OX: -1, PERFORMANCE 29. FIVE COPIES OG -1, SHOW- Inspector to be notified twenty- issued within ten days of receipt or or Operator of the coal under stion. well being drilled at this location.			

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATIONS DIVISION

DEPT. OF MINES

G. Sur.

TO THE DEPARTMENT OF MINES.	
Charleston, W. Ve.	DATE May 4, 1981
Surface Owner William & Shirley Ritchea	11-44-4 0 D 1 *
Doolin Rt, Box 122, New Martinsville, WV 26	Company Haddad & Brooks, Inc.
W. Ritchea, J.Lemasters, C. Moore	
	William Ritchea MO-2-583 62
Doolin Rt., Box 122, New Martinsville, WV Arco 26155	Location (waters) Rush Run
Coal Owner.	Well No. 1 Elevation 1525
Address 1500 Security Life Bldg., Denver, CO 80202	District Proctor County Wetzel
Cosi Operator same 80202	Quadrangle Wileyville
Address	
THIS PERMIT MUST BE POSTED AT THE WELL SITE	
All provisions being in accordance with Charles 20	SPECTOR
The vv. va. Code, the location is hereby approved	BE NOTIFIED Phil Tracy
or <u>Drilling</u> . This permit shall expire if perations have not commenced by 12-27-82	DRESS Middlebourne, WV 26149
1 / And Mills	
Deputy Director - Oil & Gas Division	ME 304-758-4573
GLATLEMEN:	
OIL AND GAS WELL ORIGINALLY DRILLED	REDRILLFRACTURE OR STIMULATE
Conject of this notice and the analysis also were used to	icensed land surveyor and all coal owners and/or operators iffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days.
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received owners at their above shown respective address. 4th	icensed land surveyor and all coal owners and/or operators iffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received owners at their above shown respective address. 4th	icensed land surveyor and all coal owners and/or operators iffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not be make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by receal owners at their above shown respective address 4th asseme-day with the mailing or delivery of this copy to the Depar	icensed land surveyor and all coal owners and/or operators iffled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transfer of Mines at Charleston, West Virginia.
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received owners at their above shown respective address 4th asserted ay with the mailing or delivery of this copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the copy to the Department of the copy to the Department of the copy to the copy to the Department of the copy to	icensed land surveyor and all coal owners and/or operators iffled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transfer of Mines at Charleston, West Virginia.
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received owners at their above shown respective address 4th asserted ay with the mailing or delivery of this copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the Department of the copy to the copy to the Department of the copy to the Department of the copy to the copy to the Department of the copy to	icensed land surveyor and all coal owners and/or operators sifled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transfer of Mines at Charleston, West Virginia. The truly yours, which is the second of the property of the proof of the second operators of Mines at Charleston, West Virginia. The truly yours, which is the proof of the pro
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by receal owners at their above shown respective address 4th assessed ay with the mailing or delivery of this copy to the Depart PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:	icensed land surveyor and all coal owners and/or operators iffled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia. The true of Mines at Charleston, West Virginia.
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by receal owners at their above shown respective address 4th same day with the mailing or delivery of this copy to the Depart PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: (Signature of the enclosed plat were mailed by receal owners at their above shown respective address 4th same day with the mailing or delivery of this copy to the Depart Vertical Copies of the Copies of the Copies of the Copies of the Copies of the Copies and Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received by the Copies of this copy to the Copies of the Copies of the Code, must be received by the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of the Copies of	icensed land surveyor and all coal owners and/or operators sifled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transfer of Mines at Charleston, West Virginia. The truly yours, Standard Charleston, West Virginia. The proof of Mines at Charleston, West Virginia.
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not be make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by receal owners at their above shown respective address 4th same day with the mailing or delivery of this copy to the Department of the Copies of ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS Address of	icensed land surveyor and all coal owners and/or operators sifled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the timent of Mines at Charleston, West Virginia. Try truly yours, S. L. Brooks Well Operator Haddad & Brooks, Inc. 905 Washington Road Street
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not be make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by receal owners at their above shown respective address 4th asseme day with the mailing or delivery of this copy to the Depart PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS Address of Charleston, West Virginia Well Operato	icensed land surveyor and all coal owners and/or operators sifled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the timent of Mines at Charleston, West Virginia. Try truly yours, S. L. Brooks Well Operator Haddad & Brooks, Inc. 905 Washington Road Street
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by refer coal owners at their above shown respective address 4th same day with the mailing or delivery of this copy to the Depart Verlage SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS Address of Charleston, West Virginia Well Operator	icensed land surveyor and all coal owners and/or operators iffled that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators May before, or on the ament of Mines at Charleston, West Virginia. Try truly yours, S.L. Brooks Well Operator Haddad & Brooks, Inc. 905 Washington Road Street Washington
The enclosed plat was prepared by a registered engineer or lasse; been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by refer coal owners at their above shown respective address 4th estimated by with the mailing or delivery of this copy to the Depart Verlage SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS Address of Charleston, West Virginia Well Operator	icensed land surveyor and all coal owners and/or operators iffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transport of Mines at Charleston, West Virginia. Try truly yours, S. L. Brooks Well Operator Haddad & Brooks, Inc. 905 Washington Road Street Washington City or Town
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby not the make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by reser coal owners at their above shown respective address The above named coal owners and/or operator are hereby not the make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by reserved address The above named coal owners and/or operator address The above named coal owners and/or operator address The above named coal owners and/or operator address The above named coal owners and/or operator address The above named by received by, or filed or found by the Department of mines, to said proposed location, the the filing of such plat, that no objections have been made by the coal operator of the filing of such plat, that no objections have been made by the coal operator of the filing of such plat, that no objections have been made by the coal operator operator of the filing of such plat, that no objections have been made by the coal operator opera	icensed land surveyor and all coal owners and/or operators diffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the transit of Mines at Charleston, West Virginia. The proof of Mines at Charleston, West
The enclosed plat was prepared by a registered engineer or have: been notified as of the above date. The above named coal owners and/or operator are hereby no to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by reser coal owners at their above shown respective address FLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO: OFFICE OF OIL AND GAS Address OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFI OFFICE OFFICE OFFI OFFICE OFFI OFFICE OFFI O	icensed land surveyor and all coal owners and/or operators iffled that any objection they wish to make, or are required in with the Department of Mines within ten (10) days. gistered mail, or delivered to the above named coal operators day May before, or on the iment of Mines at Charleston, West Virginia. The street of Mines at Charleston, West Virginia. Th
The enclosed plat was prepared by a registered engineer or have been notified as of the above date. The above named coal owners and/or operator are hereby not to make by Section 3 of the Code, must be received by, or filed Copies of this notice and the enclosed plat were mailed by received owners at their above shown respective address 4th asseme day with the mailing or delivery of this copy to the Depart Vertical Copies of all Geophysical Logs directly to: OFFICE OF OIL AND GAS OFFICE OF OIL AND GAS Charleston, West Virginia Address Of Charleston, West Virginia Area Code 304 -348-3092 348-3096	dicensed land surveyor and all coal owners and/or operators diffed that any objection they wish to make, or are required with the Department of Mines within ten (10) days. The properties of the above named coal operators day May before, or on the tenent of Mines at Charleston, West Virginia. The proof of the department of Mines at Charleston, West Virginia. The proof of the days from the receipt of the days from the receipt of the department shall forthwith issue to the well operator a permit reciting ors or found thereto by the department and that the same is approved. The proof of the days from the receipt of the days from the receipt of the department shall forthwith issue to the well operator a permit reciting ors or found thereto by the department and that the same is approved. The proof of the days from the receipt of the department and that the same is approved.

Simed by .

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

X DRILL	DEEPEN FRACTURE STIMULATE RESPONSIBLE AGENT:			
	NAME Henry Parsons ADDRESS 121 Glenview Dr., New Martinsville			
	TELEPHONE 304-45	5-3472 WV 26155		
TED WELL: 4400'		_ CABLE TOOLS		
Marren Warren				
GAS	COMB. X STORA	GF DISPOSAT		
	WAIER	LOOD OTHER		
USED FOR DRILLING	LEFT IN WFLL	CEMENT FIFE UP OR SACKS - CUBIC FT.		
60'	60'			
14501				
1450'	1450'	Cement to Surface		
4400'	4400'	Cement as Needed		
		Perf. Top		
		Perf. Bottom		
		Perf. Top		
	1	Perf. Bottom		
OG - 1, SHOWING ORIGI 1929, A PERMANENT CO	NAL PERMIT NUMBER A DPY OF THE PLAT AND	ND PERFORMANCE BOND: ON THE ORIGINAL WELL RECORD		
INALLY DRILLED ON AN	ORD. ID/OR AFTER JUNE 5-10			
		. Inspector to be notified twenty-		
or	Coal Company, Owne	r or Operator of the cost under		
and place on our mine ma	ps_this proposed well loca	tion.		
plied with all rules and regu	lations in Articles 4, 5, and	7, Chapter 22 of the West Virginia		
		et en en en en en en en en en en en en en		
		•		
	TED WELL:4400'	RESPONSIBLE AGE NAME Henry Pa ADDRESS 121 Gler TELEPHONE 304-45 TED WELL: 4400' ROTARY X ATION: Warren GAS COMB. X STORA RECYCLING WATER F USED FOR WATER F ON THE STORA RECYCLING WATER F 4400' 4400' 4400' A400' EPTHS N/A FEET SALT WATER 1400' Pittsburgh		