



IV-35 (Rev 8-81)

JUL 0 5 1983

Sinds of West Nirginia Department of Mines wil und Css Division

Date	May	17,	1983		
Opera	tor's	5			
Well	No	KEM	#224		
Farm	Gran	nt Do	onohew		
API N	04	7 - (035	 1712	

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMU	LATING, O	R PHYSICAL	· CLIMINGE		
WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production X / Undergrou	/ Waste	e Disposal e/ Deep	/ / Sha	llow_x_/)	
LOCATION: Elevation: 838' Watershed Gra	sslick Cre	ek			
District: Ripley County Jac	kson (Quadrangle	Ripley	,	
COMPANY KAISER EXPLORATION AND MINING COMPANY				Cement	7
ADDRESS P. O. Box 8, Ravenswood, WV 26164	Casing	Used in		fill up	
DESIGNATED AGENT Same	Tubing	Drilling	in Well	Cu. ft	
ADDRESS	Size 20-16				
SURFACE OWNER Grant Donohew	Cond.				
ADDRESS South Church St., Ripley, WV 25271	13-10"	437'(KB)	437'(KB)	220 sx r	neat
MINERAL RIGHIS OWNER Same	9 5/8				
ADDRESS	8 5/8				
OIL AND GAS INSPECIOR FOR THIS WORK R. Doughert	7	2432(KB)	2432(KB)	65 sx 1	pozmi neat
ADDRESS Spencer, WV	5 1/2				
PERMIT ISSUED 5/27/82	4 1/2	5190(KB)	5190(KB)	225 sx 1	neat
Workover DRILLING COMMENCED 1/12/83	3				
Workover DRILLING COMPLETED 1/20/83	2	Les .	4310(KH)	2 3/8". Hookwel	X 44 1 1 Plac
IF APPLICABLE: PLUGGING OF DRY HOLE ON		JUN 2.	7	at 4090	'(KB)
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used				
ON		OIL & GAS			
GFOLOGICAL TARGET FORMATION Oriskany Sandstone		EPT. OF Dep	th 5040	∃ fe	et
Depth of completed well 5213 feet 1		/ Cabl	e Tools_		
Water strata depth: Fresh feet;					
Coal seam depths:		being min		area? N	o
		-			
OPEN FLOW DATA	_	3	4.1-	£.	
Producing formation Devonian Brown Shale					
Gas: Initial open flow 0 Mcf/d					
Final open flow 260 Mcf/d					./a
Time of open flow between init					
Static rock pressure 925 psig(surfac	e measure	ment) afte	r hou	irs shut	in
(If applicable due to multiple completion		ewyone (onqual	4	
Second producing formation Berea Sandston					
Gas: Initial open flow Mcf/d					957
Final open flow 144 Mcf/d	Oil: Fi	nal open f	:low	Bb]	./d
Time of open flow between init	ial and f	inal tests	:h	ours	
Static rock pressure 850 psig(surface	: measurem	ent) after	: 96 ho	ırs shut	in

Zones SOLAT BY

(Continue on reverse side)

FORM IV-35 (PEVLYCE)

DETAILS OF PERFORMIED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANCE, ETC.

YOUNG's WIRELINE SERVICE set 4 1/2" retrieveable bridge plug at 2615' (KB); Perf. Berea Sandstone 2531' - 2539' (KB), 24 holes.

1/14/83:

NOWSCO crosslink polimer fractured Berea Sandstone w/60,000# 20/40 mesh sand; 500 gal 15% HCL acid; 655 bbl water; 277,000 SCF of nitrogen; 12 BPM rate; 3400 psig breakdown; 1700 psig average treating pressure; SIP was

700 psig.

Ran 2 3/8" tubing and isolation packer; tubing set at 4310' (KB); packer 1/19/83: at 4090' (KB).

WELL LOG

FORMATION COLOR	R HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Same as prev	iously submitted			
	•			
•			50 mm	
				and a substitution of the
				· a ferrer and a control of
				in the second of
				entrological services

(Attach separate sheets as necessary)

KAISER EXPLORATION AND	MINING COMPANY
Well Operator	
By: R.A.P.	
Date: June 16, 1983	

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 earl, encountered in the drilling of a well." 1982



Date 9/
Operator's
Operator's
Well No.

Bepartment of Mines
Farm Grant
Oil and Gas Binisian

Apt No. 47

Date 9/27/82	
Operator's	
Well No. KEM - 2	24
Farm Grant Donohe	W
API No. 47 _ 035	_ 1712

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STI	MULATING, C	R PHYSICA	L CHANGE	
WELL TYPE: Oil / Gas X / Liquid Injecti (If "Gas," Production X / Undergr	ound Storag	re/ Dee	l/ p/ Sha	llow/)
IOCATION: Elevation: 838' Watershed				
District: Ripley County Ja	ckson	Quadrangle	e Riple	<u>y</u>
COMPANY KAISER EXPLORATION & MINING COMPANY				
ADDRESS P.O. Box 8, Ravenswood, WV 26164	*************************			Cement
DESIGNATED AGENT R. A. Pryce	Caşing	Used in	Left	fill up
	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Box 8. Ravenswood, WV 26164	Size			
SURFACE OWNER Grant Donohew	20-16 Cond.			
ADDRESS South Church St., Ripley, WV 25271	13-10"		437 '	220 sks
MINERAL RIGHTS OWNER Same	9 5/8			
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK Richard	7		2432'	165 sks
Morris ADDRESS Box 372. Grantsville	5 1/2		4434	103 585
PERMIT ISSUED 5/27/82	4 1/2		5190'	225 sks
DRILLING COMMENCED 6/09/82	3		3130	<u> </u>
DRILLING COMPLETED 6/16/82	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			
GEOLOGICAL TARGET FORMATION ORIGINAL S		Dom	- h -0.40	Essi
GEOLOGICAL TARGET FORMATION Oriskany S.S. Depth of completed well 5213 feet				feet
Water strata depth: Fresh feet;			: 10012	
			and don the	
Coal seam depths:				
OPEN FLOW DATA Producing formation Oriskany S.S.	B to 43	370		
Gas: Initial open flow 35 Mcf/d			All the second s	And the Market of the Control of the
Final open flow N/A Mcf/d	Fin	al open fl		Bb1/d
Time of open flow between ini-				
Static rock pressure N/A psig(surface	ce measurem	ent) after	hou	rs shut in
(If applicable due to multiple completion	7)		•	
Second producing formation Devonian Brown	Shale Pay	zone dept	h <u>4130'-43</u>	<u> 25'</u> feet
Gas: Initial open flow Mcf/d	Oil: Ini	tial open	flow	- Bbl/d
Final open flow 260 Mcf/d	Oil: Fin	al open fi	CH	Ph1/A

Time of open flow between initial and final tests_

925 psig(surface measurement) after __ hours shut in

(Continue on reverse side)

Static rock pressure

FORM IV-35 (PEVERSE)

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

6/18/82 Oriskany S.S. Perforation

5105-5113 and 5123-5129 58 holes, 0.5" in diameter.

6/21/82 Oriskany S.S. Frac: 15,000# 80/100 sand, 45,000# of 20/40 sand, treatment pressure - 3700 psig; instantaneous shut

in pressure was 3300 psig; total bbl of water = 830 bbl

134,000 SCF of nitrogen used.

Brown shale: Set permanent bridge plug at 4370' (KB); perforated Brown shale from 4130'-4325' selectively (24 holes, 9/27/82

10/01/82 Brown shale:

.39" diameter).
Frac: 60,000# 20/40 sand; treatment pressure = 2350 psig; ISIP: 950 psig; total 345 bbl water and 1,069

MMSCF of WELL LOG nitrogen.

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Shale Sandstone and shale Limestone Sandstone and shale Shale Coffee shale Berea S.S. Shale Brown shale Shale Marcellus Onondaga L.S. Oriskany S.S. Helderberg	0 295 1703 2039 2170 2507 2530 2541 3768 4318 4690 4989 5040 5130	295 1703 2039 2170 2507 2530 2541 3768 4318 4690 4989 5040 5130 5213-TD	s/g @ 4184 s/g @ 4739 s/g @ 5100, 5118
4130 254) 1589		•	

(Attach separate sheets as necessary)

KAISER EXPLORATION AND MINING COMPANY Well Operator

R.A.P.

Date: September 27, 1982

Regulation 2.02(i) provides as follows:

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

FORM IV-2 (0500120) (12-81)



Date: May 1/	, 19	82	
Operator's Well No. KEM #2	224		
	035	1712	

State

County

Permit

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

	OIL AND GAS	S WELL PERMIT API	LICATION	; <u>*</u>		
WELL TYPE:	Oil / Gas X					
	(If "Gas", Production X	/ Underground storage	/	DeepX/	Shallow	_/)
LOCATION:	Elevation: 838					
	District: Ripley					
WELL OPERAT	OR <u>Kaiser Exploration a</u>	nd Mining Co. DESIGN	ATED AGENT	r <u>R. A. Pr</u>	vce	
	P. O. Box 8					
	Ravenswood, WV 261		Ravens	swood, WV	26164	
OIL & GAS						
ROYALTY OW	NER Grant Donohew	0				
Address	South Church Street	, Ac	idress			
	Ripley, WV 25271					
Acreage	438.8	COAL (OWNER(S) WI	TH DECLARA	TION ON RECO	RD:
_	NER Same		Same	DE TE	CRIVE	161
Address	June	Α.	ddress		9 30 V 2	
Addicas		THE STATE OF THE PARTY OF THE STATE OF THE S			AY 1 9 1982	
Acres		Name		OIL	AND GAS DIVISION OF MIN	NC
Actuage	(IE MADE) TO		ddress		DEPARTMENT OF WINS	
	(IF MADE) TO:	•		-		
Address_		COAL	I ESSEE WITH	DECLARAT!	ION ON RECORI	D:
	IMPORTOR TO BE MOTIFIED					
	NSPECTOR TO BE NOTIFIED	4				
	ard Morris		'001c22		76	
Address	P. O. Box 372					
	Grantsville, WV	mark destablished to the state of the state				
The undersign	ned well operator is entitled to opera	ite for oil or gas purposes at th	e above location	ı under a deed	/ lease	<u>X</u>
other contract_	/ datedOctober 8	, 19 <u>80</u> , to the under	rsigned well ope	erator from G	rant & Naomi	
Donohew	lease, or other contract has been					
Ur Said deed,	November 5, 19 80, in the	recorded:) - office of the Clerk of the Cou	unty Commissio	on of Jackso	n Count	tv. West
	ease $B \infty k = 157$ at	•			-	
PROPOSED	WORK: Drill X / Drill deepe				/	
	Plug off old formation	/ Perforate new form	nation	./		
	Other physical change in	well (specify)				
	—planned as shown on t	he work order on the revers	e side hereof.			ż
The shave no	amed coal operator, coal owner(s), ar			ection they wish	to make or are rec	quired to
	\$22-4-3 must be filed with the Dep					
Department.	, a					
	s Permit Application and the enclose	d plat and reclamation plan ha	ave been mailed	by registered r	nail or delivered by	y hand to
	ed coal operator, coal owner(s), and					
	nt of Mines at Charleston, West V					
PIFASE SUBA	MIT COPIES OF ALL				•	
GEOPHYSICA	L LOGS DIRECTLY		KAISER EXPL	ORATION A	ND MINING COM	IPANY
Т0:			<u> </u>	Well Ope		e
WEST VIRGI	NIA OIL AND GAS	*	RO	Paroldo	•	169

CONSERVATION COMMISSION
1615 WASHINGTON STREET EAST
CHARLESTON, WV 25311 TELEPHONE: (304) 348-3092

lis <u>General Manager</u>

THO COLD II ON CAN EN

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

•	•			Ad	dress	P. O. Bo	200				
				, , ,			WV 2507				
GEOLOGICAI	L TARGI	ET FORI	MATION	i n		any					
							et Rotary		/ Cat	ala toole	
							; salt,			ne toois	- And the second
						Is coal	being mined	in the area	? . Y.es	/	No X /
CASING AND	LOBIN	G PROG	KAM								
	:						**************************************	·			
CASING OR TUBING TYPE	SPE	Grade	ONS Weight per ft	New	Used	FOOTAGE	Left in well		FILL-UP SACKS feet)	PACKER	S
Conductor										Kinds	
Fresh Water	10 3/4	1				985'	435	150 sks	- Jacc		
Coal						(30)		130 SKS	Class	A (to Su	in race /
Intermediate	711					04101	04101	65 sks	50/50 T	OZIIITX	
Production	4 1/2	 				2413' 5183'	2413' 5183'	100 sks			<u> </u>
Tubing	1 4 1/4	1				3103	3103	225 SKS	30/30	pezillexe.	C/ass A
Liners				 							
									· · · · · · · · · · · · · · · · · · ·	Perforations:	
Market and the state of the sta										Тор	Bottom
			<u> </u>	J							
prescr	epartmen ribed by	t, accomp Regulation	panied by on 12, or	(i) a p r in lie	olat in eu the	the form presc reof the other	original and for ribed by Regul security allow	ation 11, (ii)) a bond ii e s 22-4-2	n one of the f	orms
rne De prescr "Recl previo Code	epartmen ribed by amation ously paid \$22-4-8a eparate F	t, accomp Regulation Plan'', a I on the sea from the orm Iv-2:	panied by on 12, or pplicable ame well to owner shall not be	(i) a properties in the feather of any the requirements of the feather the feather the feather the requirements of the require	plat in the reclasse required for the plant of the plant	the form presc reof the other mation require ired by Code § r well or dwell or fracturing or	ribed by Regul security allow d by Code § 2 22-4-12a, and (ing within 200 stimulating a v	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
rne De prescr "Recl previo Code	epartmen ribed by amation ously paid \$22-4-8a eparate F	t, accomp Regulation Plan'', a I on the sea from the orm Iv-2:	panied by on 12, or pplicable ame well to owner shall not be	(i) a properties in the feather of any the requirements of the feather the feather the feather the requirements of the require	plat in the reclasse required for the plant of the plant	the form presc reof the other mation require ired by Code § r well or dwell or fracturing or	ribed by Regul security allow d by Code § 2 22-4-12a, and (ing within 200	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
rne De prescri Recl previo Code A se be par	epartmen ribed by amation busly paid \$22-4-8a eparate For the w	t, accomp Regulation Plan'', a I on the s a from the orm Iv-2 s work for w	panied by on 12, or pplicable ame well e owner shall not by hich a possible and a	(i) a print lie to the fe of any be requered.	olat in eu the recla- re requ water uired fo s sougi	the form presc reof the other mation require ired by Code § r well or dwell or fracturing or at and is noted	ribed by Regul security allow d by Code § 2 22-4-12a, and (ing within 200 stimulating a v	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT	epartmen ribed by amation ously paid \$22-4-8a eparate Fort of the way amount of the	Regulation Regulation Plan'', a lon the safe from the corn Iv-2: work for which provides the posterior of the posterior with th	panied by on 12, or pplicable ame well e owner shall not which a possible DAT THACCORD	to the fe of any be required by the termit is	plat in eu the reclase required fo s sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or nt and is noted	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation ously paid \$22-4-8a eparate Frit of the way MUST B	Regulation Regulation Plan', a lon the safrom the corm Iv-2: work for which provides the posterior of the posterior with the po	panied by on 12, or pplicable ame well e owner shall not which a portion of the policy	to the to the fe of any be requestrict is:	plat in eu thee reclaire required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or nt and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation pusly paid \$22-4-8a eparate For of the warm of the w	Regulation Regulation Plan', a lon the sale from the corm Iv-2: work for which provides the posterior of the posterior with the	panied by on 12, or pplicable ame well e owner which a portion of the policy of the po	to the to the fe of any be requestrible WEL	plat in eu the reclasse required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation pusly paid \$22-4-8a eparate For of the warm of the w	Regulation Regulation Plan', a lon the sale from the corm Iv-2: work for which provides the posterior of the posterior with the	panied by on 12, or pplicable ame well e owner which a portion of the policy of the po	to the to the fe of any be requestrible WEL	plat in eu the reclasse required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or nt and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation pusly paid \$22-4-8a eparate For of the warm of the w	Regulation Regulation Plan', a lon the sale from the corm Iv-2: work for which provides the posterior of the posterior with the	panied by on 12, or pplicable ame well e owner which a portion of the policy of the po	to the to the fe of any be requestrible WEL	plat in eu the reclasse required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation pusly paid \$22-4-8a eparate For of the warm of the w	Regulation Regulation Plan', a lon the sale from the corm Iv-2: work for which provides the posterior of the posterior with the	panied by on 12, or pplicable ame well e owner which a portion of the policy of the po	to the to the fe of any be requestrible WEL	plat in eu the reclasse required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
THIS PERMIT ALL PROVISI ARTICLE 4 C	epartmen ribed by amation pusly paid \$22-4-8a eparate For of the warm of the w	Regulation Regulation Plan', a lon the sale from the corm Iv-2: work for which provides the posterior of the posterior with the	panied by on 12, or pplicable ame well e owner which a portion of the policy of the po	to the to the fe of any be requestrible WEL	plat in eu the reclasse required for sough	the form prescreof the other mation require ired by Code § r well or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) ved by Cod 2-4-12b and v) if applical feet of the vell where fr	a bond in a 22-4-2 Regulation of the comproposed	n one of the f . (iii) Form on 23, (iv) u onsent required i well.	orms IV-9, nless ed by
The Department of the Departme	epartmen ribed by amation ously paid \$22.4-8a eparate Fort of the warm of the	Regulation Regulation Plan', a lon the sale from the orm Iv-2: work for which work for which is the posterior of the posterior in the posterior was a few and the posterior which is the posterior of the posterior in the posterio	panied by on 12, or pplicable ame well ee owner shall not which a portion of the control of the	to the fe of any be requestrict is the termit is the termin is the termit is the termi	blat in eu the reclase required for sough	the form prescreof the other require ired by Code § rewell or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY 1-27-83	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) yed by Cod 2-4-12b and y) if applical feet of the yell where fi Form IV-2 fi	a bond in e § 22-4-2 Regulation of the comproposed fracturing fracturing fracturing of the comproposed fracturing f	n one of the f . (iii) Form on 23, (iv) u onsent require i well. or stimulating mection there	orms IV-9, nless ed by is to with.
The format in the present in the present in the previous code. A set to be part in the previous interest i	epartmen ribed by amation ously paid \$22.4-8a eparate Fort of the warm of the	Regulation Regulation Plan', a lon the sale from the orm Iv-2: work for which work for which is the posterior of the posterior in the posterior was a few and the posterior which is the posterior of the posterior in the posterio	panied by on 12, or pplicable ame well ee owner shall not which a portion of the control of the	to the fe of any be requestrict is the termit is the termin is the termit is the termi	blat in eu the reclase required for sough	the form prescreof the other require ired by Code § rewell or dwell or fracturing or and is noted CHAPTER 22 N IS HEREBY 1-27-83	ribed by Regul security allow d by Code \$ 222-4-12a, and (ing within 200 stimulating a vas such on the	ation 11, (ii) yed by Cod 2-4-12b and y) if applical feet of the yell where fi Form IV-2 fi	a bond in e § 22-4-2 Regulation of the comproposed fracturing fracturing fracturing of the comproposed fracturing f	n one of the f . (iii) Form on 23, (iv) u onsent require i well. or stimulating mection there	orms IV-9, nless ed by is to with.
The undersigner opposed well I The undersigner opens of the undersigner opens opens of the undersigner opens opens of the	epartmen ribed by amation ously paid \$22-4-8a eparate From the way amation of the way amation of the way amation of the way are the way amation of the way are the way amation of the way are the way	Regulation Regulation Regulation Plan', a lon the sall from the community of the sall from the control of the sall from the	map exis	to the fe of any be requermit is well as the total and the	blat in eu the er reclarer required for sough	the form prescreof the other require ired by Code § rewell or dwell or fracturing or nt and is noted CHAPTER 22 N IS HEREBY 1-27-83 WAIV lessee resthe area of text or done	and by any coassued within for	ation 11, (ii) yed by Cod 2-4-12b and y) if applical feet of the vell where fi Form IV-2 fi towner or co fitteen (15) of the coal unc the well lo	a bond in e § 22-4-2 Regulatione, the comproposed facturing colled in constants of residues of residues and lessee that the constants of residues of residues of residues of residues of residues and the constants of residues and the constants of residues of residues of residues and the constants of residues and the constant of residues and the constants of residues	n one of the f (iii) Form on 23, (iv) u onsent require i well. or stimulating mection there who has recorded thereof	orms IV-9, nless ed by is to with.
The undersigner opposed well I The undersigner opens of the undersigner opens opens of the undersigner opens opens of the	epartmen ribed by amation ously paid \$22-4-8a eparate From the way amation of the way amation of the way amation of the way are the way amation of the way are the way amation of the way are the way	Regulation Regulation Regulation Plan', a lon the sall from the community of the sall from the control of the sall from the	map exis	to the fe of any be requermit is well as the total and the	blat in eu the er reclarer required for sough	the form prescreof the other require ired by Code § rewell or dwell or fracturing or nt and is noted CHAPTER 22 N IS HEREBY 1-27-83 WAIV lessee resthe area of text or done	and by any coal ssued within for this location at this location at this location at this location at this location are this location at the location at this location at the location at the location at this loca	ation 11, (ii) yed by Cod 2-4-12b and y) if applical feet of the vell where fi Form IV-2 fi towner or co fitteen (15) of the coal unc the well lo	a bond in e § 22-4-2 Regulatione, the comproposed facturing colled in constants of residues of residues and lessee that the constants of residues of residues of residues of residues of residues and the constants of residues and the constants of residues of residues of residues and the constants of residues and the constant of residues and the constants of residues	n one of the f (iii) Form on 23, (iv) u onsent require i well. or stimulating mection there who has recorded thereof	orms IV-9, nless ed by is to with.

And the gas a management

STATE OF WEST VIRGINIA DEPARTMENT OF MINES

1982

OIL AND GAS WELLS DIVISION

AFFIDAVIT OF PLUGGING AND FILLING WELL & GAS DIVESON

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, ONE COPY MAILED TO THE DEPARTMENT, ONE COPY TO BE RETAINED BY THE ADDRESSES.

None	and the second of the second o		be mailed to each coal of		
Commence of the second	AL OPERATOR OF OWNER	<u>Kai</u>	ser Exploration a	nd Mining	Company
Commongrame and annual common first and common first and common c	ADDRESS		D. Box 8, Ravensw	DPEWATOR	26164
None	odnoming (III III III III III III III III III I	Octo	ber 26	Dress	
SOA	L OPERATOR OR OWNER	Rip	WELL AND LO	CATION	19 82
	ADDRESS	***************************************		***************************************	District
<u>Grant Donohe</u>		<u>Jack</u>	son	•	C
South Church	Street, Ripley, WV 25271		The second secon	AND CONTROL OF THE PROPERTY OF	County
e de la company	ADDRESS		No. KEM #224	en e	and the second commence of the second commenc
		Gran	nt Donohew .	Well-control of the state of th	Farm
STATE INSPECTO	R SUPERVISING PLUGGING Ric	bard Mo	Marin en en judisposeren en e	මෙක්කිකිකිකිකිකිකිකිකිකිකික මෙක්සම එ සහස ඇ	: ଦିବ୍ୟବିଶ୍ୟ ଓଡ଼େ ଓଡ଼ି କରିଥିଲେ କଣ୍ଡ କପ୍ତକ୍ଷ
	AFFID.	AVIT			
STATE OF WES	•				
County oflac	kson ss:	•			
R. L. C	oty	nd R.	A. Pryce		
peing hist duly s	worn according to law depose a	nd say t	hat they are experie	nced in the	work of
plugging and filling	ng oil and gas wells and were emp	loyed by	KEMGAS		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
				rell, that sa	aid work
and filled in the fe			$\frac{82}{1982}$, and that the	ie well was	plugged
SAND OR ZONE RECOR					
CENTRAL STATE OF THE SECOND STATE OF THE SECON	FILLING MATERIAL	***************************************	PLUGB USED	CA	SING
FORMATION		Control of the contro	SIZE & KIND	CSG PULLED	Cse
<u>Oriskany Perf</u> 5105'-5129' (KB)	Permanent bridge plug		3.71" O.D.	70000	LEFT IN
5105'-5129' (KB)	Set @ 4370' (KB)	CONTROL OF THE STREET,	Gearhart Owen	None Pi	llad
4200 data masa serengan periode panggan	Diversity	The same of the sa			
of 2000 to the section of the contraction of the co	Plug back to Brown Shale	<u>Interv</u>			
		Marie and Medical Processing and Assessment			
The second secon		***************************************			
			Commercial designation of the commer	<u> </u>	
CECTURE 2004 above set quickly set us (MA) to be reviewed to the control of the particular and control of the c					
A This was a proper proper proper to the contract of the contr				-	
CONTROL OF		-			
CONTROL CONTROL OF THE PROPERTY OF THE PROPERT					
Of party transport and the second		Children Co.			
COAL BEAMS					
(NAME)			DESCRIPTION	OF MONUMEN	iT
(NAME)	The state of the s		NOT THE STREET OF THE STATE OF THE STREET,		The same of the sa
(NAME)		*		The state of the s	PARTIES OF THE PROPERTY OF THE
(NAME)				Commence of the Commence of th	:
and that the work					and the second of the second o
September	of plugging and filling said wel	l was co	ompleted on the $\frac{2}{2}$	7	day of
Contraction of the second	, 19_04.		\wedge \cap		
via intruet del	ponents saith not.			···)
<i>p</i> 0	· · · · · · · · · · · · · · · · · · ·	22	ZColy	** * * * * * * * * * * * * * * * * * * *	
Sworn to and s	abscribed before me this 27	day of	October .	. 19	82
My commission expi	program o	tack	Mann Ha	lber	
December 1, 198			- अवयाणावात व १००० व व्यवस्था सं ५७ व	Notary Pu	blic.
Convert de la contraction de l	Security of the security despitation of the security despitation of the security of the securi		Permit	No. JAC-1	712
ч				035-	