FILE COPY



1)	Date:	June	25		, 1984
2)	Operator's Well No.	694-	-2		FORMALY R(B)
3)	API Well No.	47		087 -	3893
		State		County	Permit

					DEP	The same of	STATE OF WEST NT OF MINES, O	VIRGINIA IL AND GAS DIVIS	SION	
							EVENA UPIN	ELL WORK PERMI		
4) WELL		В (	If "Gas",		as	X /	/ Undergroun	d storage	Peep	Shallow X/)
5) LOCAT	ION:		evation: istrict: H	arper		3	Watershed: County:	Flat Fork Roane	(K+ 33)	Walton 7.5 65
6) WELL (		ATOR P	Del lee.	0il ox 70	Com		22020		P.O. Box	ard A. Rexroad
8) OIL & ON Name _ Addr		Но	mer H	. Dou	ghe			Name	ONTRACTOR: Unknown	
10) PROPO		Lo	oneyv	ille, Drill Plug of	WV X ff old	252 _/ Dril	on/ Perf	Address / Redrill  orate new formation	/ Stimulater	JUN 2 6 1984
12) Esti 13) App	mated roxim	depth ate tra	GET FOR of complet ta depths: al seam dep	MATION ed well, Fresh,	Nor	1arce 5,70 200	feet; sa		0 feet. DEF	& GAS DIVISION PT. OF MINES
CASING OR TUBING TYPE			ING PRO		New	Used		INTERVALS Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
Conductor								Dett iii weii	(Cubic feet)	Kinds
Fresh water Coal	9	5/8	8 H-40	32.3	X		325	325	To surfac	e NEAT Sizes
Intermediate		7	J-55	-	X		2,200	2,200	To surfac	e ,
Production Tubing		45	J-55	10.5	X		5,700	5,760	As needed	Depths spy rule
Liners					walla			Amban Kalimatak		Perforations:
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	253				<del>(e) nei</del>	1-10-0	OFFICE USE	ONLY		naliga situa mereli yed
							DRILLING PI			Vell work started
ermit number		47	-087-3	893					June 26,	
o. 8) Prior to	the co	nstruc	tion of roa	ds, locatio	ns and	nd on th	le reverse hereof. N	otification must be given in addition, the we	von to the District Oil	ce with the pertinent legal re- and Gas Inspector, (Refer to rractor shall notify the proper
everse nereor.	work				and A	pplication	on, plat, and reclan	nation plan, subject to	any modifications an	nd conditions specified on the
ermit expires		Ju	ne 26,	1986	- 3 . 3		unless we	l work is commenced	prior to that date and p	prosecuted with due diligence.

Bond: BLANKET NOTE: Keep one copy of this permit posted at the drilling location.

Margaret J. No.
Aministrator, Office of Oil and Gas

09/

1) Date:
2) Operator's Y903 3J17 (B)2-VI MRO7
Well No. 47 OCC
3) API Well No 47 County Permit



STATE OF WEST VIRGINIA

			CE USE ONLY		272.5				
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and the state of t	NTRACTOR:	DRILLING CO	9		FIED	O BE NOT	SPECTOR 1	CASIN	OIL &
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& GAS DIVISION	ПО			int	C.		TARGETF		
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#### SURFACE OWNER'S COPY



1)	Date:	une Z		
2)	Operator's Well No.	694-2		
3)	API Well No.	47	087	
-,		State	County	Permit

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

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10) PROPOSI	ED WELL	WORK:	Drill	00 11	_/ Drill	deeper	/ Redri		/ Stimulate		70
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	oximate coa						Is coal being mine	ed in the ai	rea? Yes	/ No	
15) CASING	AND TUBI					FOOT	AGE INTERVALS	•	CEMPLE EN LUE	ll prov	
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	on a facsi	mile of th	is surface	owner's	copy of t	he Applicatio	n.				
				VO	LUNTAR	Y STATEME.	NT OF NO OBJE	ECTION			
I hereby sta	ate that I ha	ve read th	e instruction	ons to si	ırface own	ers on the rev	erse side of this A	Application	for a Well Work	Permit, and that	I have received
								AND DESCRIPTION OF THE PARTY OF	ll Work Permit or		
									on my surface lan		
	ate that I ha	ive no obj	ection to t	ne plann	ned work d	escribed in the	ese materials, and	d I have no	objection to a pe	rmit being issued	based on those
materials.											
(For execution	by corporat	ion, partr	ership, etc	.)			(For execution b	ov natural	persons)		
(2 or execution)	o, co.porat	July purti	Tomp, etc					0 1	1 1		
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Dv							1//	/ (Sig	nature)	Date	
										Date	
Its _				D	ate			(Sig	nature)	Date	

# INSTRUCTIONS TO SURFACE OWNERS AND EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT ON OIL AND GAS WELL WORK PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas West Virginia Department of Mines 1615 Washington Street East Charleston, West Virginia 25311 (304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have FIFTEEN (15) DAYS after the filing date to file your comments as provided in Methods for Filing Comments below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- "(1) The proposed well work will constitute a hazard to the safety of persons; or
- "(2) The plan for soil erosion and sediment control is not adequate or effective; or
- "(3) Damage would occur to publicly owned lands or resources; or
- "(4) The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

#### INSTRUCTIONS TO APPLICANT

#### CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
  - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
  - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
  - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
  - 7) See Code § § 22-4-11(d, e).

#### CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE & 22-4-11 (d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

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

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

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

Rolfe Kee, et ux, et al. M & J Joint Venture 1/8 175/284

Obverse 2) Operator's June 25 8419 [8-83] Well No. 694-2 3) API Well No. 47 -087-3893 State County Pe STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS NOTICE OF APPLICATION FOR A WELL WORK PERMIT 4) SURFACE OWNER(S) OF RECORD TO BE SERVED None 5(i) COAL OPERATOR Rolfe Kee (i) Name Address Address Gandeeville, WV 5(ii) COAL OWNER(S) WITH DECLARATION ON RE (ii) Name None Address Address (iii) Name Name Address Address 5(iii) COAL LESSEE WITH DECLARATION ON RECO None Address TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents: (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and (2) The plat (surveyor's map) showing the well location on Form IV-6; and(3) The Construction and Reclamation Plan on Form IV-9 )unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road. THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMBARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator processes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Application and Reclamation Plan have been mailed by registered or certified mail or delivered by the Reclamation Plan have been mailed by registered or certified mail or delivered by the Reclamation Plan have been mailed by the Reclamation Pl by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator. 6) DUTRACTION RIGHTS Check and provide one of the following: Included is the lease or leases or other continuing contract or contracts by we I hold the right to extract oil or gas. JUN 2 5 1984 The requirement of Code 22-4-1-(c)(1) through (4). (See reverse side for specifics.) 7) ROYALTY PROVISIONS OIL & GAS DIVISION Is the right to extract, produce or market the oil or gas based upon a lease or lease or lease or or other contracts providing for flat well royalty or any similar property for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted. to the volume of oil or gas so extracted, produced or marketed? Yes If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60. See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan. The truth of the information on the WELL Notice and Application is verified Key Oil Company OPERATOR and sworn to and the Notice is signed on behalf of the Well Operator. in my County and State by Agent Designated Richard A Keyroad this 25 day of June P.O. Box 709 , 1984. Spencer, WV 25276 My cammission expires 5-11-92, Telephone 304-927-5490 Durgess Notary Public, 09/15/2023 State of W. UA

2) Operator's Well No. 694-2

3) API Well No. 47 - 087 State County P

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OFFICE OF OIL & GAS

Secretaria de Alexandro do Seculo de Caracido de Carac

NOTICE OF APPLICATION FOR A LITT

4) STIPFACE OF	ATTENDED OF THE PROPERTY OF	FOR A WELL WORK PERMIT
	NER(S) OF RECORD TO BE SERVED	5(i) COAL OPERATOR None
(i) Name	Rolfe Kee	Address
Address	Gandeeville, WV	
1::1		5(ii) COAL OWNER(S) WITH DECLARATION ON
(ii) Name		· Nall
Address		Address None
(iiii) Non-		
(iii) Name		Name
Address		Address
		F. /
<i>;</i>	.*	5(iii) COAL LESSEE WITH DECLARATION ON RE
		None
	•	Address
	TO THE PERSON(S) NAMED ABOVE: You should	have received this Form and the following documents:
	(1) The Application for a Well Work P	ermit on Form IV-2(B) (or Form IV-4 if the well is parties involved in the drillian
	and describes the well and its lo	ermit on Form IV-2(B) (or Form IV-4 if the well is parties involved in the drilling or other work, cation and, if applicable, the proposed casing and
	CEDENTING DITTOTION	The property of the property casing and
	(2) The plat (surveyor's map) showing (3) The Construction and Reclamation is	the well location on Form IV-6; and
	plus a well), which sees are at	and the ivery juniess the well work is only to
	reclaration for the site and acces	s road.
	HAICH ARE SUMARIUM IN THE INSTRUMENT	S IS TEAT YOU EAVE RIGHTS REGROING THE APPLICATION
	(FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU ACTION AT ALL.	S IS INT YOU EAVE RICKIN RECARDING THE APPLICATION ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION HOLEVER, YOU ARE NOT REQUIRED TO TAKE ANY
	Take major the	TO TAKE ANY
	erator proposes to file or has filed this	the West Virginia Code, the undersigned well op-
-	and depicted on attached the Til	at the location described on attached and inclination
	by hand to the person(s) named above (or by before the day of mailing or delivery to the	
		Atministrator.
	6) DURACTION RICES	
	Check and provide one of the following:	
	I hold the right to extract oil or	er continuing contract or contracts by which UN 2 6 1984
	The requirement of Code 22-4-1-(c)(1)	es. See reverse side for specific & GAS DIVISION
	7) ROYALTY FROVISIONS	OIE & GAS DIVISION
	Is the right to extract, produce or named or other command or contracts providing f	the cil or gas based upon a lease DEPT. OF MINES
	aut of peneation to the	The section of any similar and
	to the volume of oil or gas so extracted,	produced or marketed? Yes
	If the answer above is No. mething	adding a second
	you may use Affidavit Form IV-60.	additional is needed. If the answer is Yes,
	See the program side of	
	the required copies of the Notice and	tructions, and for instructions concerning Application, plat, and Construction and
The total	Tan.	Application, plat, and Construction and
The truth of t	he information on the	WELL
Notice and App	lication is verified	OFFRATOR Key Oil Company
and swoth to a	nd the Notice is	OFFICATION 100 COMPANY
signed on behalf	lf of the Well Operator.	By Kuline The O
in my County a	nd State by	T+d
richard A	Kerroad	Designated Agent
this day of	June , 1984.	Address P.O. Box 709
my commission	on expires <u>5-//- 92</u> , 19	Spencer, WV 25276
11.15/16	10	Telephone 304-927-5490
Notary Publi		
C+a+a -f		
	Wiln	

IV-) (Rev 8-81)

Attach separate sheets as necessary for comments.



DATE April 24, 1984 WELL NO. KEE

State of Mest Birginia Bepartment of Mines

API NO. 47

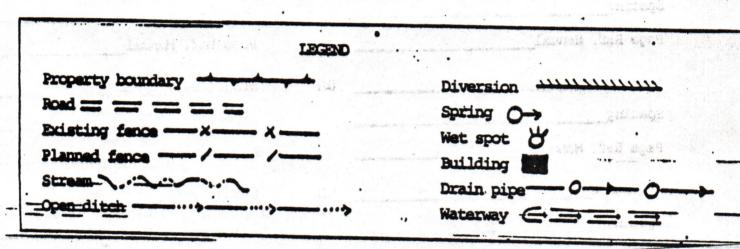
Berea WVa 26327

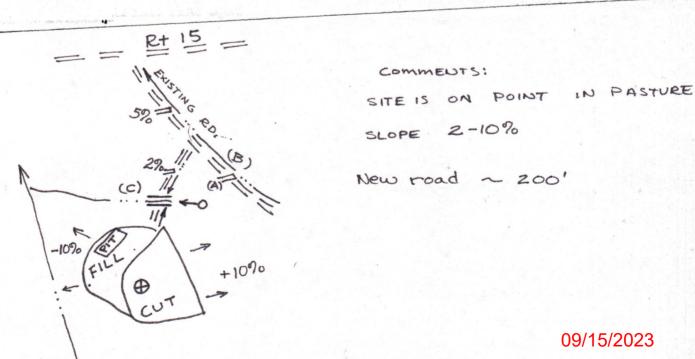
PHONE NO. 304 -659-2378

Gil und Gus Bivision

COMPANY NAME KEY OIL CO.		DESIGNATED AGENT Richard	Rexroad
Address P.O. Box 709; Spe	ncer, WL	h Address P.O. Box 709; Sp	encer.WU
Telephone 304 - 927 - 549	0	Telephone 304-927-5	7490
LANDOWNER Rolfe Kee		SOIL CONS. DISTRICT 1:44	
Revegetation to be carried out by	Richa	rd Rexroad	(Agent
This plan has been reviewed by	Little	Handwhaz SO. All	corrections.
and additions become a part of this	plan:	11-11-01	ECEIVI
Exite.	(1)	. HI /	B CRIT A L
	Juni	(SCD Agent)	JUN 2 6 1984
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destruction of the second of the second particles and the second	and the second of the second o	Material	<u></u>
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structure Open Drains	(B)	Structure	astroit.
Spacing SEE SKETCK		Material 2	
Page Ref. Manual 2-12	•	\$16.450.50	
	_	Page Ref. Manual	
Structure Culvert . CMP.	_ (C)	Structure	1
Spacing 15" IN SPRING DRA	IN .	Material	
Page Ref. Manual 2-7		Page Ref. Manual	
All structures should be inspect	ed regular	Tu and name and it assessed	AZZ
commercial timber is to be out and out and removed from the site befo	STACKED OF	nd all househ and amall timber	to be
	REVEGEDAT	ION	
Treatment Area I		Treatment Area I	T
LimeTons/a	case	Lime	Tons/acre
Fertilizer 500 lbs/ac	_	or correct to pH 6.5	
(10-20-20 or equivalent)		Fertilizer 500 (10-20-20 or equ	lbs/acre
Mulch HAY 1.5 Tons/a		Mulch HAY. 15	Tons/acre
Seed* KV 31 40 lbs/ac		Seed* KY 31 40	lbs/acre
Redtop 5 lbs/ac		Redtop 5	
Ladino Clover 3 1bs/ac		Ladino Clover Q	
*Inoculate all legumes such as veto Inoculate with 3% recommended amount.	ch, trefoil	and clovers with the proper	bacterium.
	PLAN PR	EPARED BY Neal Hugh	es
NOTES: Please request landowners'		ADDRESS R+ 1 BOX	
seedling for one growing season.		Berea WU	
			~ ~ ~ ~ ~ .

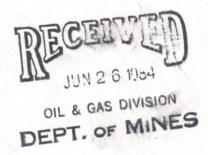
Sketch to include well location, existing access road, roads to be constructed, wellsightfulling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.





COMMEDIS:
SITE IS ON POINT IN PASTURE
STORE &-10%

09/15/2023





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

1st stage 35-0.39" holes from 4229 to 4823
250 gallons of 15% HCl Acid 1,000,000 Scf N<sub>2</sub>

2nd stage 25-0.39" holes from 3314' to 3834'
250 gallons of 15% HCl Acid 700,000 Scf N<sub>2</sub>

### WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Soil	0	2.5	
Sand & Shale	2.5	1230	
1st Salt Sand	1230	1320	
Shale	1320	13509	
2nd Salt Sand	1350	1430	
Shale	1430	1600	
3rd Salt Sand	1600	1820	
Big Lime	1820	1985	
Big Injun	1985	2115	
Shale	2115	2505	
Coffee shale	2505	2515	
Shale	2515	4815	
Benson	4815	4821	
Shale	4821	T.D.	

(Attach separate sheets as necessary)

Key	Oi1	Company		
Well	Opera	tor		
			0	
By:	D	Mu	00	y Petrol <b>⊕9√15/2023</b> er
Date:		2-11-85		
			/	

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 weal, encountered in the drilling of a well."

RECEIVED
FEB 1 3 1985

OIL & GAS DIVISION DEPT. OF MINES



IV-35 (Rev 8-81)

# State of Mest Airginia Department of Mines

Bepartment of Mines Gil und Gas Bivision

Date	2-11-85	
Operat Well N	or's lo. 694-2	-
Farm	Kee	
API No	0.47 _ 087 _ 3893	

# WELL OPERATOR'S REPORT OF

# DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WEIL TYPE: Oil / Gas X / Liquid Injection (If "Gas," Production / Undergro	ound Storag	ge/ Deep	/ Sha	llow_	/)
LOCATION: Elevation: 885 Watershed					-
District: Harper County Roa	ne	Quadrangle	e Waltor	7.5	
The second secon					
COMPANY Key Oil Company				Cemer	<u>+</u>
ADDRESS P.O. Box 709, Spencer, WV	Casing	Used in	Left	fill	
DESIGNATED AGENT Richard A. Rexroad	Tubing	Drilling	in Well	Cu.	ft.
ADDRESS P.O. Box 709, Spencer, WV	Size				
SURFACE OWNER Rolfe Kee	20-16 Cond.				
ADDRESS Gandeeville, WV	13-10"				
MINERAL RIGHTS OWNER Rolfe Kee et al	9 5/8	331	331	125	sks
ADDRESS Gandeeville, WV	8 5/8				
OIL AND GAS INSPECTOR FOR THIS WORK Homer	7	2284	2284	150	sks
Dougherty ADDRESS Looneyville, WV	5 1/2			1	ORB
PERMIT ISSUED 12-6-84	4 1/2	5003	5003	190	sks
DRILLING COMMENCED 12-12-84	3	<del>                                     </del>			
DRILLING COMPLETED	2			$\top$	
IF APPLICABLE: PLUGGING OF DRY HOLE ON				1	
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners				
GEOLOGICAL TARGET FORMATION Devonian Sha	1e	Dep	th 50	1 7	feet
Depth of completed well 5017 feet					_
Water strata depth: Fresh feet;					
Coal seam depths: N/A		being min		area	? N.
	_ 15 0001	20219			INC
OPEN FLOW DATA					
Producing formation Devonian Shale					_fee
Gas: Initial open flow show Mcf/d	Oil: In	itial open	flow		Bb1/d
Final open flow 390 WW Mcf/d	Fi	nal open f	low		Bbl/d
Time of open flow between ini-					
Static rock pressure 900 psig(surface	ce measure	ment) afte	r 36 hou	ırs sh	ut i
(If applicable due to multiple completion	n)		00	MEIO	100
Second producing formation	Pa	y zone dep	oth	/15/2(	Tee
Gas: Initial open flow Mcf/d	Oil: In	itial open	flow_		Bbl/
Final open flow Mcf/d					
Time of open flow between ini	tial and f	inal tests	he he	ours	
Static rock pressure psig(surfac					ut i
		(Conti	mia on n	anaraa	22.7
		(Conti	nue on re	zverse	SI

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



## INSPECTOR'S WELL REPORT

DEPT. OF MINLS

Oil or Gas Well\_ CASING AND USED IN LEFT IN PACKERS Size Kind of Packer\_ 16\_ 13. Well No 10 Size of\_\_ Depth set\_\_\_ Drilling commenced\_ 5 3/16\_ \_Total depth\_ Drilling completed\_\_\_\_\_ Perf. top\_\_\_\_ Depth of shot Date shot\_\_\_\_ Perf. bottom\_\_\_\_ Perf. top\_\_\_\_ Liners Used. Initial open flow\_\_\_ \_/10ths Water in\_ \_Inch Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_\_\_\_ Volume\_ Cu. Ft. CASING CEMENTED\_\_\_\_ SIZE \_No. FT.\_\_\_\_Date NAME OF SERVICE COMPANY lbs. hrs. Rock pressure\_ COAL WAS ENCOUNTERED AT\_\_\_ FEET INCHES Oil bbls., 1st 24 hrs. Fresh water\_ feet feet FEET INCHES FEET INCHES Salt water. feet FEET INCHES FEET INCHES feet el Drillers' Name Remarks:

Form 26 2/16/82

#### STATE OF WEST VIRGINIA

# **DEPARTMENT OF MINES**

# OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

COMPANY			ADDRESS		- 10	Ú, en la
			C			11,570×190
	A State of S			No and Mark		
illing Material Used					100	1.
iner Loc	cation	Amoun	t Packer	Loc	eation	
	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Andrew Address Company of Section 2014, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975, 1975	V 1 2/4 A. 84					
	E CPS	1875 Y 3 4 Y	VILLED TO THE CONTRACT OF THE		and the second second	
rillers' Names	C. Charles		Tan.			
Tillers Names						
					episone in a single	
Remarks:						
					1932	
	I hereby certify I vis	sited the above we	ell on this date.			
DATE	I hereby certify I vis	sited the above we	on this date.			
			DIS	STRICT WELL IN	SP697975	/2023

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION
DEPT. OF MINES

# INSPECTOR'S WELL REPORT

Permit No. 087	3893				Oil or	Gas Well	77.4374
Company Key O	il lo		CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACI	KERS
Address Spenie	, M.Va.		Size		•		
Farm Rolfe	Kee		16	e Jeros and a state trans		Kind of Pac	eker
Well No. 694-	2		10			Size of	
District Harper	County Root	M	81/4				
Drilling commenced /2	15/84		65/8			_ Depth set_	
Drilling completed	Total depth		3			Perf. top_	
Date shot	Depth of shot		2			Perf. botton	n
Initial open flow	/10ths Water in_	Inch	Liners Used			Perf. top Perf. botton	
Open flow after tubing	/10ths Merc. in	Inch				Ferr. botton	
Volume		Cu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure	lbs	hrs.	NAME OF SEF	RVICE COMPA	ANY		
Oil	bbls., 1	st 24 hrs.	COAL WAS EN	COUNTERED	AT	FEET	INCHES
Fresh water	feet	feet	FEET	INCI	HES	FEET	INCHES
Salt water	feet	feet	FEET.	INCI	HES	_FEET	INCHES
Drillers' Names Dav Clint Hun	id Snydes		Puss	her S.	Stare	he	
Remarks: 12/5/8	4 ORing	roved	on rigg	ed up	4 sta	ited do	illing
Ran 317, 8	et of 938	"Su	rface pe	ipl an	d con	rented.	with
125 sacks	Theol 3%	6.4.9	4/6/09	floill	e. Plu	eg dow	n
Ran 317, f. 125 sacks 0 12:00 A.M. 13 2/6/84 Rid 12/6/84 0	of sust st	you.	9 back.	in ble	owing	hole.	with
12/6/84 0	0 834"	Bito		Hor	nes of	09/15/20	of real

Form 26 2/16/82

### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

# OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

OMPANY	>(40)		ADDRESS		10	A STATE OF
ARM		DISTRICT _		COUNTY		
	ATT THE			13. 18		1
illing Material Used						
iner Loc	ation	Amou	nt Packer	Loc	cation	7
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	IBING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Tot You't						
Mark State				in Westland		- Carlotte
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.07	7.77	Lastvakan	William Dr. Martin			
	750.780	antities of	andata lea			
HOM THAT		MEDIES L.C.	W (Add) consider about	2	Constitution of the Consti	
orillers' Names	2316041	7,350		74.5		
HOME TENS	201070	7.57	21-9	144		
Remarks:						

## DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



INSPECTOR'S WELL REPORT

OIL & GAS DIVISION DEPT. OF MINES

	18	10	2%	9 0	2
Permit	No. 08	/	00	1	1

Oil or Gas Well. CASING AND USED IN LEFT IN PACKERS Size Kind of Packer\_ Size of\_ Drilling commenced 12-5-84 Depth set\_ 5 3/16\_ Drilling completed\_\_\_\_\_ \_Total depth\_ Perf. top\_ Depth of shot Date shot\_ Perf. bottom\_\_\_ Liners Used. Perf. top\_\_ Initial open flow\_ \_/10ths Water in\_ \_Inch Perf. bottom\_ Open flow after tubing\_\_\_\_\_/10ths Merc. in\_ SIZE 2284 No. FT/2 9-84 Date CASING CEMENTED\_ Volume. Cu. Ft. NAME OF SERVICE COMPANY Halliburton lbs. Rock pressure. hrs. INCHES Oil bbls., 1st 24 hrs. COAL WAS ENCOUNTERED AT. FEET. INCHES FEET INCHES Fresh water\_ feet FEET Salt water. feet FEET INCHES INCHES Rig 4 7" pipe cemented with 150 sks Remarks: 50. Eo Poz mix plug down I P.M. by Halliburton 12-11-84 - 4736' dup drilling on air with 64" bit going 5050 ft. for T.D.

## **DEPARTMENT OF MINES**

### OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

COMPANY	18 1/2		ADDRESS			1	A North Son
FARM	er en	_ DISTRICT		C	OUNTY		The second second
Filling Material Used	121W 2575	3.4197			777	The state of	Z washing.
Liner Loc		Amou		acker	Loc	ation	<u> </u>
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CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LC	CATION	RECOVERED	SIZE	LOST
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Joe Hiovel	12 V 12 R						
		errore president		<u> </u>	3-0-2		
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	17/ 25/20/2005	er of the second second			and the second second		ak de la
	77 0808	W. WOOMER	AW Jacob Service				
Drillers' Names	OTTOTAL A		T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Drillers' Names							
	E3F37 <u>4E</u>				and the second		
Remarks:							
	I hereby certify I visi	ited the above	well on this date.				
DATE							
The state of the				DIS	TRICT WELL INS	PRECTOR	1

### DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION

# INSPECTOR'S WELL REPORT

Permit No. 087-3893			Oil or	Gas Well	
Company Key Oil Co,	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKE	RS
Address Spences, W.Va.	Size				and or its
Farm Rolfe Kee	16			Kind of Pack	er
Well No. 694-2	13			Size of	ery lings
District Harpes County Roane	81/4			5,20 0,2	
Drilling commenced 12/5/84	6%			Depth set	
Drilling completed 12/11/8//Total depth 5050	5 3/16			Perf. top	
Date shotDepth of shot	2			Perf. bottom	
Initial open flow/10ths Water inInch	Liners Used			Perf. top	
Open flow after tubing/10ths Merc. inInch				Perf. bottom	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressurelbshrs.	NAME OF SEF	RVICE COMP.	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERE	O AT	FEET	_INCHES
Fresh waterfeetfeet	FEET	INC	HES	FEET	_INCHES
Salt waterfeetfeet	FEET	INC	HES	_FEET	_INCHES
Drillers' Names David Snydes	Push	les Si	Stan	ches	
Clint Hest Rig # 4	12/11	184 5.	Diof 1	Vell 50	50 ff.
Remarks: 12/12/84 O Ran 499	3 ft. of	4511 p	ipl a lug do	nd Cen	rented 30 A,M
will 190 sains of Sh	3 ft of hixatrop	on,	ling do	um /i	O HIM
29 110					

12/17/84 DATE Homes Hi DOMESTON DISTRICT YELL INSPECTOR

Form 26 2/16/82

# MEGELVIE

# STATE OF WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

# TROPER BRIDDING S'SOTORIS ELECTION & CAS DIVISION CONTROL OF MINES

			ADDRESS			
ARM		DISTRICT _	STRICT COUNTY			
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illing Material Used						
iner Loc	ation	Amou	nt Packer	Loc	cation	M
PLUGS USED A	ND DEPTH PLACED		BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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Orillers' Names		Page 1		1007		App Comment
urud Tana						
Remarks:	kalamata ang 2001 Al of Patago			re me anne le sit estat pet este anne est es	-Margania	
	I hereby certify I visi					

## DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION



OIL & GAS DIVISION INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. <u>087-3893</u>			Oil or	Gas Well	
Company Key Oil Co,	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACK	ERS
Address Spencer, W. Var	Size			in the state of th	stable gastra
Farm Rolfe Kee	16			Kind of Pac	ker
Well No. 694-2	10	- 1725 c A		Size of	
District Harpes County Roans	81/4				
Drilling commenced 12/5/84	6%			_ Depth set	
Drilling completed 12/12/84 Total depth 5050	5 3/16 3			Perf. top	
Date shotDepth of shot	2			Perf. botton	1
Initial open flow/10ths Water inInch	Liners Used			Perf. top Perf. botton	
Open flow after tubing/10ths Merc. inInch				7 2022. 00000	
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Dat
Rock pressurelbs,hrs.	NAME OF SEI	RVICE COMP.	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	NCOUNTERE	O AT	FEET	INCHE
Fresh waterfeetfeet	FEET	INC	HES	FEET	INCHE
Salt water feet feet	FEET	INC	HES	FEET	INCHE
Drillers' Names Status Report					
Remarks: 2/11/85 Well hos been. Well, Well flowed Bock Dozen on location.	frocked Rig g filleng	Pool sing to pit +	Servi nun	is rig tubing	on g

Form 26 2/16/82

#### STATE OF WEST VIRGINIA

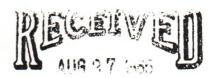
### **DEPARTMENT OF MINES**

OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

			ADDRESS			
FARM		DISTRICT .	0	OUNTY		a Portina
	13.8		Series Se	19 / 19		1
illing Material Used						
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Orillers' Names	2/20/2				State of the last	
er transmission i Service de service de production de la contraction del la contraction de la contract	Control of the second of the s			and the second second second second		F77-11
lemarks:						
DATE	hereby certify I visi	ted the above w	vell on this date.			
DATE						
			Die	TRICT WELL INC	PECTOR	
			Dis	TRICT WELL INS	09/15	5/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF HIME Energy
OFFICE OF OIL AND GAS
CHARLESTON 25305
FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT



DIVISION OF OIL & GAS DEPARTMENT OF ENERGY

Company: KEY OIL CO. Farm: KEE, ROLFE

Well: 694-2

Permit No. 47- 87-3893 (6-06-84)
County:ROANE

In Compliance Rule Description Yes No 23.06 Notification prior to starting work 25.04 Prepred before drilling to prevent waste 25.03 High pressure drilling 16.01 Required permits at wellsite 15.03 Adequate Fresh Water Casing 15.02 Adequate Coal Casing 15.01 Adequate Production Casins 15.04 Adequate Cement Strength 15.05 Cement Type 23.02 Maintained Access Roads 25.01 Necessary Equipment to Prevent Waste 23.04 Reclaimed Drilling Pits 23.05 No Surface or Underground Pollution 23.07 Requirements for Production & Gathering Pipelines \_ 14.01 Well Records on Site 02 Well Records Filed 7.05 Identification Markings

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

DATE 8/20/85

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

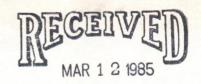
Administrator

September 3, 1985

Date

# DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION



### INSPECTOR'S WELL REPORT

OIL & GAS DIVISION DEPT. OF MINES

100 2020	
ermit No. 087-3893	Oil or Gas Well_
	(KIND)

Company Bey Dil Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PAC	KERS
Address Spencer, W.OA.	Size				
Farm Rolfe Kee	16			Kind of Pa	cker
Well No. 694-2	13			Size of	
District Harper County Grane	81/4			5.20 02	
Drilling commenced	65%			Depth set_	
Drilling completedTotal depth	5 3/16			Parf ton	
Date shotDepth of shot	2				m
Initial open flow/10ths Water inInch	Liners Used			Perf. top_	
Open flow after tubing/10ths Merc. inInch				Perf. botto	m
VolumeCu. Ft.	CASING CEME	NTED	SIZE	No. FT	Date
Rock pressure lbs. hrs.	NAME OF SER	RVICE COMPA	ANY		
Oilbbls., 1st 24 hrs.	COAL WAS EN	COUNTERED	AT	_FEET	INCHES
Fresh waterfeetfeet	FEET_	INCI	HES	FEET	INCHES
Salt water feet feet	FEET_	INCI	HES	_FEET	INCHES
Drillers' Names Status Repai	t				

Remarks:

3-5-85- Well hooked up, ready for production, 2" gas line laid, but not buried get, will check on line again.

3-5-85

Form 26 2/16/82

#### STATE OF WEST VIRGINIA

#### **DEPARTMENT OF MINES**

## OIL AND GAS WELLS DIVISION

# **INSPECTOR'S PLUGGING REPORT**

			ADDRESS			
ARM		_ DISTRICT _	C	OUNTY	The state of	- color megalic
illing Material Used				A A LEAD	· · · · · · · · · · · · · · · · · · ·	
iner Loc	cation	Amou	nt Packer	Loc	ation	
PLUGS USED A	ND DEPTH PLACED	I	BRIDGES	CASIN	G AND TU	BING
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION	RECOVERED	SIZE	LOST
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			contaction sate Way	85 37 - 3	31	
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	TVASMU	55777733 K	G SIGNAL WE THE THE THE THE THE THE THE THE THE TH	287		
	TA (055)	SOUT DASS, AS	ON TAGO SHANA DE MILA.			
Orillers' Names	19 19 19 19 19 19 19 19 19 19 19 19 19 1			The state of the s		
the second of the contract of						Zimenia za za
Remarks:						
			well on this date.			

# DEPARTMENT OF MINES OIL AND GAS WELLS DIVISION MAY 1 5 1985

OIL & GAS DIVISION

# INSPECTOR'S WELL REPORTOR MINES

Permit No. 087-3893			Oil or	Gas Well
Company Key Oil Co.	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address Spencer, W.Va.	Size			
Farm Rolfe Kee	16			Kind of Packer
Well No. 694-2	10			Size of
District Harper County Roanl	65%			Depth set
Drilling commenced 12/5/84  Drilling completed 12/12/84 Total depth 5050	5 3/16		i i	
Date shotDepth of shot	2			Perf. top Perf. bottom
Initial open flow/10ths Water inInch	Liners Used			Perf. top
Open flow after tubing/10ths Merc, inInch				Perf. bottom
VolumeCu. Ft.	CASING CEME			No. FTDate
Rock pressure lbs. hrs.	COAL WAS EN	The state of the s		FEETINCHES
Oilbbls., 1st 24 hrs.  Fresh waterfeetfeet			HES	
Salt waterfeetfeet		INC	HES	_FEETINCHES
Drillers Names Status Report				
seeded & mulched go	laimed job	Siml On Re	d + fe	tion on
Remarks: 5/8/85 Toration Rec seeded to mulched go. Both upper + lower st with Bas ditches y la Crew setting got + 5/8/85 Well in Pr	lopes on	Local	ion R	ood reclaims
Crew setting and to	n Ben	g len	a loc	toy.
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Form 26 2/16/82

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

# MOTERVIO EMINSPECTOR'S PLUGGING REPORT

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#### CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
  - 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-lb(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
  - 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
  - 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
  - 7) See Code § § 22-4-11(d, e).

# CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-lk and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-lk(d) and the reclaration required by Code § 22-4-l2b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-Ba from the and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-Ba from the conservation of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-lm, 22-4-2, 22-4-2a, and 22-4-2b.

# DEFORMATION SUPPLIED WHER CODE § 22-4-11(d) IN LIEU OF FILLING LEASE(S) AND OTHER CONTENDED CONTENDED

Under the cath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that—

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

Grantor, lessor, etc. Grantee, lessee, etc. Royalty Book Page

Rolfe Kee, et ux, et al. M & J Joint Venture 1/8 175/284