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BONDS



STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

BRUCE KING LARRY KEHOE SECRETARY

December 11, 1980

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

New Mexico State University Las Cruces, New Mexico

Attention: Assistant Vice President

for Business Affairs

\$10,000 Multiple-Well Geothermal

Bond No. 6358015

New Mexico State University, Principal, Fireman's Fund Insurance Co., Surety

Gentlemen:

The Oil Conservation Division hereby approves the above-captioned geothermal bond effective this date.

Sincerely,

JOE D. RAMEY, Director

dr/.

cc: Oil Conservation Division Carl Ulvog - Santa Fe

Fireman's Fund Insurance Co.

Revised 7-1-75

STATE OF NEW MEXICO \$10,000 MULTIPLE-WELL GEOTHERMAL EXPLORATORY, DEVELOPMENT, INJECTION, OR DISPOSAL WELL BOND

	NIO	6358015	
שאטם	NO.	0.3.2011.5	
		/For Use of Surety C	'amnanvi

(Note: File with Oil Conservation Commission, P. O. Box 2088, Santa Fe 87501)

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KNOW ALL MEN BY THESE PRESENTS:				
That NEW MEXICO STATE UNIVERSI	TY		(An individual), (An	a partnership)
(a corporation organized in the State ofNEW MEXI	CCO	•	its principal office	
LAS CRUCES , State of NEW	MEXICO	,	and authorized to d	do business in
the State of New Mexico), as PRINCIPAL, and Fire				
corporation organized and existing under the laws of the do business in the State of New Mexico with duly execute this bond on behalf of the surety company, a for the use and benefit of the Oil Conservation Commente sum of Ten Thousand (\$10,000.00) Dollars lawful truly to be made, said PRINCIPAL and SURETY is severally, firmly by these presents.	appointed resident a as SURETY, are held nission of New Mexic l money of the Unite	igent licensed firmly bound to pursuant to ed States, for	in the State of New unto the State of Chapter 272, Law the payment of who will be stated in the payment of who will be stated in the payment of who will be stated in the	New Mexico to New Mexico, vs of 1975, in nich, well and
The conditions of this obligation are such that:				
WHEREAS, The above principal has heretofore State of New Mexico; and	or may hereafter en	iter into geotl	nermal resources le	ases with the

WHEREAS, The above principal has heretofore or may hereafter enter into geothermal resources leases on lands patented by the United States of America to private individuals, and on lands otherwise owned by private individuals; and

WHEREAS, The above principal, individually, or in association with one or more other parties, has commenced or may commence the drilling of wells to prospect for and produce geothermal resources, or does own or may acquire, own or operate such wells, or such wells started by others on land embraced in said State geothermal resources leases, and on lands patented by the United States of America to private individuals, and on lands otherwise owned by private individuals, the identification and location of said wells being:

	Township Rang T29S R8	Section 14	Unit Letter Ĵ	Well Number TG-3	Lease NMSU	:
Ŋ-	T29S ** R8	14	$\{\mathbf{J}_{i}\}$	DT -4	NMS U	
				The second section of the second section of the second section of the second section s	ou well	
 	PU3 / EU9					
	7/1/2 12 12 70 350					
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7, ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	1 30 3 W					

(NOTE: A maximum of FIVE wells may be drilled or acquired under this bond. If the identification and location of all of the wells is not known at the time of filing this bond with the Commission, the identification and location may be furnished by supplemental rider or riders to this bond.)

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug all of said wells if non-productive or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine any geothermal resources or oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata:;

THEN, THEREFORE, This obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

PROVIDED, HOWEVER, That thirty (30) days after receipt by the Oil Conservation Commission of New Mexico of written notice of cancellation from the surety, the obligation of the surety hereunder shall terminate as to property or wells acquired, drilled, or started after said thirty (30) day period but shall continue in effect, notwithstanding said notice, as to property or wells theretofore acquired, drilled, or started.

New Mexico State University	Fireman's Fund Insurance Co.
PRINCIPAL	SURETY
Las Cruces, New Mexico Address	San Francisco, Calif. Address
Address	Address
By Julees V	By KARollings
Signature	R. R. Rollings Attorney-in Factors
Assistant Vice President for Business Affair Title	
(Note: Principal, if corporation, affix corporate seal here.)	(Note: Corporate surety affix corporate seal here.)
(Note: If corporate surety executes this bond by an attorney shall countersign here below.)	r-in-fact not in New Mexico, the resident New Mexico agent
Countersigned by:	
New Mexico Resident Agent	Address
ACKNOWLEDGMENT FORM	FOR NATURAL PERSONS
· !	TOR THE PERSONS
STATE OF	
On thisday of	, 19, before me personally appeared
	, to me known to be the person (persons)
described in and who executed the foregoing instrument and act free act and deed.	cknowledged that he (they) executed the same as his (their)
	and seal on the day and year in this certificate first above
written.	
My Commission expires	Notary Public
STATE OF New Melica) ss. On this 5th day of Decendary of Melicary Melicary State University behalf of said corporation by authority of its board of director deed of said corporation. IN WITNESS WHEREOF, I have hereunto set my hand written.	and that the foregoing instrument was figured and sealed on rs, and acknowledged said instrument to be the free act and
ACKNOWLEDGMENT FORM F	FOR CORPORATE SURETY
STATE OF New Mexico COUNTY OF Dona Ana) ss.	
On thislstday of me appeared R. R. Rollings being by me duly sworn, did say that he isAttorney Fireman's Fund Insurance Co. behalf of said corporation by authority of its board of director deed of said corporation.	and that the foregoing instrument was signed and sealed on
-	and sea on the day and year in this certificate first above
6/7/84	Jagee Cargles Notary Poblic
My Commission expires (Note: Corporate surety attach power of attorney.)	V
	APPROYED BY:
	CONTRACTOR DESCRIPTION

AND WHEN RECORDED MAIL TO

GENERAL POWER OF ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the City and County of San Francisco, in said State, has made, constituted and appointed, and does by these presents make, constitute and appoint

----R. R. ROLLINGS----

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VIII, Section 30 and 31 of By-laws of FIREMAN'S FUND INSURANCE COMPANY adopted on the 19th day of November, 1965, and now in full force and effect.

Article VIII, Appointment and Authority of Resident Assistant Secretaries, and Attorney-in-Fact and Agents to accept Legal Process and Make

Section 30. Appaintment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President, may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 31. Authority. The Authority of such Resident Assistant Secretaries, Attorneys-in-Fact, and Agents shall be as prescribed in the instructional their appointment, and any such appointment and all authority granted thereby may be revoked at any time by the Board of Directly any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 15th day of July, 1966, and that said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President,

Вv

and its corporate seal to be hereunto affixed this 21st day of May



FIREMAN'S FUND INSURANCE COMPANY

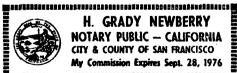
JAMES H. WELLS,

STATE OF CALIFORNIA.

CITY AND COUNTY OF SAN FRANCISCO

On this 21st day of May 19.75, before me personally came James H. Wells, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



H. GRADY NEWBERRY NOTARY PUBLIC - CALIFORNIA CITY & COUNTY OF SAN FRANCISCO mission Expires Sept. 28, 1976

GRADY NEWBERRY, Notary Public

CERTIFICATE

STATE OF CALIFORNIA

CITY AND COUNTY OF SAN FRANCISCO

I, the undersigned, Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VIII, Sections 30 and 31 of the By-laws of the Corporation, and the Resolution of the Board of Directors, set forth in the

Signed and sealed at the City and County of San Francisco. Dated the



WINIFRED H. BROWNE, Assistant Secretary

Revised 7-1-75

STATE OF NEW MEXICO \$10,000 MULTIPLE-WELL GEOTHERMAL EXPLORATORY, DEVELOPMENT, INJECTION, OR DISPOSAL WELL BOND

BOND NO	6.358015:
	(For Use of Surety Company)

(Note: File with Oil Conservation:	on Commission, P. O. Box 2088, Sant	ta Fe 87501)			
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(\)^* KNOW ALL MEN BY THES	E PRESENTS:				
~			(An individual) (a pi	artnershin)
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	NEW MEXICO		•		
				principal office in	
LAS CRUCES	, State of NEW MEX	CICO	, and	l authorized to do	business in
	s PRINCIPAL, and _Fireman'				
to do business in the State execute this bond on behalf for the use and benefit of t the sum of Ten Thousand (cisting under the laws of the Statof New Mexico with duly appoor of the surety company, as SUI he Oil Conservation Commission \$10,000.00) Dollars lawful mon RINCIPAL and SURETY herebyesents.	inted resident ager RETY, are held find of New Mexico ey of the United	nt licensed in rmly bound ur pursuant to C States, for the	the State of New nto the State of Ne hapter 272, Laws of a payment of which	Mexico to w Mexico, of 1975, in h, well and
The conditions of this	obligation are such that:		•		
WHEREAS, The abov State of New Mexico; and	e principal has heretofore or n	nay hereafter enter	into geother	mal resources lease	s with the
	e principal has heretofore or n es of America to private individu	-	_		
may commence the drilling or operate such wells, or su lands patented by the Uni	e principal, individually, or in as of wells to prospect for and pro ch wells started by others on la ted States of America to priv and location of said wells being	duce geothermal r nd embraced in sai ate individuals, an	esources, or d d State geothe	oes own or may ac ermal resources leas	equire, own ses, and on
Lease NMSU	Well Number TG-3	Unit Letter J	Section 14	Township T29S	Range R8W
100' well NMSU	DT -4	J	14	T29S	R8W
1000' well					<u>:</u>
		<u> </u>			i
					9

(NOTE: A maximum of FIVE wells may be drilled or acquired under this bond. If the identification and location of all. of the wells is not known at the time of filing this bond with the Commission, the identification and location may be furnished by supplemental rider or riders to this bond.)

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug all of said wells if non-productive or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine any geothermal resources or oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata;;

THEN, THEREFORE, This obligation shall be null and void; otherwise and in default of complete compliance with any and all of said obligations, the same shall remain in full force and effect.

PROVIDED, HOWEVER, That thirty (30) days after receipt by the Oil Conservation Commission of New Mexico of written notice of cancellation from the surety, the obligation of the surety hereunder shall terminate as to property or wells acquired, drilled, or started after said thirty (30) day period but shall continue in effect, notwithstanding said notice, as to property or wells theretofore acquired, drilled, or started.

New Mexico State University PRINCIPAL	Fireman's Fund Insurance Co. SURETY
Las Cruces, New Mexico	San Francisco, Calif.
Address	Address
By I plueles V	By KKRollings
Signature	R. R. Rollings Attorney-in Factoria
Assistant Vice President for Business Affair $Title$	s
(Note: Principal, if corporation, affix corporate seal here.)	(Note: Corporate surety affix corporate seal here.)
(Note: If corporate surety executes this bond by an attorney	-in-fact not in New Mexico, the resident New Mexico agent
shall countersign here below.)	Ť
Countersigned by:	
New Mexico Resident Agent	Address
ACKNOWLEDGMENT FORM	FOR NATURAL PERSONS
STATE OF) ss.	
	, 19, before me personally appeared
described in and who executed the foregoing instrument and active act and deed.	knowledged that he (they) executed the same as his (their)
IN WITNESS WHEREOF, I have hereunto set my hand written.	and seal on the day and year in this certificate first above
	Notary Public
My Commission expires	
ACKNOWLEDGMENT FOR	M FOR CORPORATION
STATE OF Mew Melico) ss.	
9n this 500 day of Decar	to me personally known who, being by me
duly sworn, did say that he is asst. Vice fres	to me personally known who, being by me
new mexico State University	
behalf of said corporation by authority of its board of director deed of said corporation.	rs, and acknowledged said instrument to be the free act and
	and seal on the day and year in this certificate first above
written.	Sarah H Davenport Notary Public
1/-3-82	Notary Public
My Commission expires	
ACKNOWLEDGMENT FORM F	OR CORPORATE SURETY
STATE OF New Mexico) COUNTY OF Dona Ana) ss.	
	December 1980 before to me personally known, who,
me appeared R. R. Rollings being by me duly sworn, did say that he is Attorney	to me personally known, who,
Fireman's Fund Insurance Co.	in fact of of and that the foregoing instrument was signed and sealed on
behalf of said corporation by authority of its board of director deed of said corporation.	
	and seal on the day and year in this certificate first above.
written.	Lace Constitut
6/7/84 My Commission expires	Notary Police
(Note: Corporate surety attach power of attorney.)	
	APPROVED BY:
•	OIL CONSERVATION COMMISSION OF NEW MEXICO

AND WHEN RECORDED MAIL TO

GENERAL POWER OF ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the City and County of San Francisco, in said State, has made, constituted and appointed, and does by these presents make, constitute and appoint

----R. R. ROLLINGS----

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VIII, Section 30 and 31 of By-laws of FIREMAN'S FUND INSURANCE COMPANY adopted on the 19th day of November, 1965, and now in full force and effect.

Article VIII. Appointment and Authority of Resident Assistant Secretaries, and Attorney-in-Fact and Agents to accept Legal Process and Make

Section 30. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President, may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation.

Section 31. Authority. The Authority of such Resident Assistant Secretaries, Attorneys-in-Fact, and Agents shall be as prescribed in the instrument evidencing their appointment, and any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 15th day of July, 1966, and that said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seat shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President,

and its corporate seal to be hereunto affixed this 21st day of May . 19. **7.5**



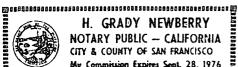
FIREMAN'S FUND INSURANCE COMPANY JAMES H. WELLS.

STATE OF CALIFORNIA,

CITY AND COUNTY OF SAN FRANCISCO

On this 218t day of May 19.75 before me personally came James H. Wells, to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



H. GRADY NEWBERRY NOTARY PUBLIC -- CALIFORNIA CITY & COUNTY OF SAN FRANCISCO My Commission Expires Sept. 28, 1976

NEWBERRY, Notary Public

CERTIFICATE

STATE OF CALIFORNIA,

CITY AND COUNTY OF SAN FRANCISCO

I, the undersigned, Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the loregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VIII, Sections 30 and 31 of the By-laws of the Corporation, and the Resolution of the Board of Directors, set forth in the

Power of Attorney, are now in force Signed and sealed at the City and County of San Francisco. Dated the



WINIFRED H. BROWNE, Assistant Secretary

Revised 7-1-75

STATE OF NEW MEXICO \$10,000 MULTIPLE-WELL GEOTHERMAL EXPLORATORY, DEVELOPMENT, INJECTION, OR DISPOSAL WELL BOND

BOND NO	0 63!	58015
		Use of Surety Company)

(Note: File with Oil Conservation	Commission, P. O. Box 2088, Sant	a Fe 87501)		(1 or 0 de 0) Dine.	,
J	,				
(V* 5		,	•		
KNOW ALL MEN BY THESE	PRESENTS:			,	
1 Hat	CO STATE UNIVERSITY		,(An individual) (a p	oartnership)
(a corporation organized in the	State ofNEW MEXICO		, with its	principal office in	the city of
LAS CRUCES	, State ofNEW_MEX	ICO	, and	authorized to do	business in
the State of New Mexico), as P	RINCIPAL, and <u>Fireman</u>	s Fund Insu	rance Co.		, a
corporation organized and exist to do business in the State of execute this bond on behalf of for the use and benefit of the the sum of Ten Thousand (\$1 truly to be made, said PRIN severally, firmly by these prese	New Mexico with duly appo f the surety company, as SUI Oil Conservation Commission 0,000.00) Dollars lawful mon ICIPAL and SURETY hereby	inted resident ag RETY, are held f n of New Mexico ey of the United	ent licensed in Trmly bound un pursuant to C States, for the	the State of New nto the State of No hapter 272, Laws payment of whice	Mexico to ew Mexico, of 1975, in h, well and
The conditions of this ob	digation are such that:				
WHEREAS, The above p State of New Mexico; and	principal has heretofore or m	ay hereafter ent	er into geother	mal resources lease	es with the
WHEREAS, The above patented by the United States	principal has heretofore or m of America to private individu		_		
WHEREAS, The above p may commence the drilling of or operate such wells, or such lands patented by the United individuals, the identification a	wells started by others on lar I States of America to priva	duce geothermal nd embraced in s ate individuals,	resources, or d	oes own or may ac ermal resources lea	equire, own ses, and on
Lease NMS U	Well Number TG-3	Unit Letter J	Section 14	Township T29S	Range R8W
100' we11 NMSU	. Da /	т		m0.0 g :	
1000' well	DT -4	J	14	T29S	R8W
,				, , , , , ,	
				, , ,	,}
		-			

(NOTE: A maximum of FIVE wells may be drilled or acquired under this bond. If the identification and location of all of the wells is not known at the time of filing this bond with the Commission, the identification and location may be furnished by supplemental rider or riders to this bond.)

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or any of them, shall plug all of said wells if non-productive or when abandoned in accordance with the rules, regulations, and orders of the Oil Conservation Commission of New Mexico in such way as to confine any geothermal resources or oil, gas, and water in the strata in which they are found, and to prevent them from escaping into other strata:;

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New Mexico State University PRINCIPAL	Fireman's Fund Insurance Co. SURETY
Las Cruces, New Mexico	San Francisco, Calif. Address
RV Princes Person	PPP DI'
Signature	R. R. Rollings ^{Attorney-in Factor}
Assistant Vice President for Business Affairs	
(Note: Principal, if corporation, affix corporate seal here.)	(Note: Corporate surety affix corporate seal here.)
(Note: If corporate surety executes this bond by an attorney-i shall countersign here below.)	n-fact not in New Mexico, the resident New Mexico agent
Countersigned by:	
New Mexico Resident Agent	Address
ACKNOWLEDGMENT FORM FO	OR NATURAL PERSONS
STATE OF) ss.	,
On thisday of	, to me known to be the person (persons)
described in and who executed the foregoing instrument and ack free act and deed.	nowledged that he (they) executed the same as his (their)
IN WITNESS WHEREOF, I have hereunto set my hand;	and seal on the day and year in this certificate first above
written.	Notary Public
My Commission expires	Notary Fublic
ACKNOWLEDGMENT FORM	FOR CORPORATION V
STATE OF Mew Mexico) ss.	
	lue . 19 80, before me personally appeared
An this 5th day of Decem Richard J. Wells duly sworn, did say that he is asst, Vice free	dent for Business affairs of
behalf of said corporation by authority of its board of directors, deed of said corporation.	nd that the foregoing instrument was signed and scaled on
IN WITNESS WHEREOF, I have hereunto set my hand a	
written. (/-3-82	Sarah H Davenport
My Commission expires	Notary Public V
ACKNOWLEDGMENT FORM FO	OR CORPORATE SURETY
STATE OF New Mexico) ss.	
On this 1st day of	December 1980 before
On this 1st day of the appeared R. R. Rollings being by me duly sworn, did say that he is Attorney is	to me personally known, who,
Fireman's Fund Insurance Co. behalf of said corporation by authority of its board of directors	nd that the foregoing instrument was signed and sealed on
deed of said corporation. IN WITNESS WHEREOF, I have hereunto set my hand:	and seal on the day and year in this certificate first above
written.	Lange Canada 1
6/7/84	Notary Public.
My Commission expires (Note: Corporate surety attach power of attorney.)	
	APPROVED BY:
,	OIL CONSERVATION COMMISSION OF NEW MEXICO

AND WHEN RECORDED MAIL TO

GENERAL POWER OF ATTORNEY

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----R. R. ROLLINGS----

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

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"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or c'ertificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President,

and its corporate seal to be hereunto affixed this 21st day of May 19 75



FIREMAN'S FUND INSURANCE COMPANY JAMES H. WELLS, Vice

STATE OF CALIFORNIA,

CITY AND COUNTY OF SAN FRANCISCO

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



H. GRADY NEWBERRY NOTARY PUBLIC — CALIFORNIA CITY & COUNTY OF SAN FRANCISCO My Commission Expires Sept. 28, 1976

NEWBERRY, Notary Public

CERTIFICATE

STATÉ OF CALIFORNIA.

CITY AND COUNTY OF SAN FRANCISCO

I, the undersigned, Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VIII, Sections 30 and 31 of the By-laws of the Corporation, and the Resolution of the Board of Directors, set forth in the Power of Attorney, are now in force.

Signed and sealed at the City and County of San Francisco. Dated the



WINIFRED H. BROWNE, Assistant Secretary