

GTLT - _____ 23 _____

BONDS

STATE OF NEW MEXICO
\$2,000 ONE-WELL LOW-TEMPERATURE THERMAL WELL
OR GEOTHERMAL OBSERVATION WELL BOND

Form GB-LT-1
Adopted 10-1-74
Revised 10-1-78

BOND NO. 91 09 1882
(For Use of Surety Company)

Note: File with Oil Conservation Division, P. O. Box 2088, Santa Fe, NM 87501

KNOW ALL MEN BY THESE PRESENTS:

That Mrs. Jennie Garland, (An individual) (a partnership)
(a corporation organized in the State of NEW MEXICO, with its principal office in the city of
LAS CRUCES, State of NEW MEXICO, and authorized to do business in
the State of New Mexico), as PRINCIPAL, and STATE FARM FIRE & CASUALTY COMPANY, a
corporation organized and existing under the laws of the State of ILLINOIS, and authorized
to do business in the State of New Mexico, with duly appointed resident agent licensed in the State of New Mexico to
execute this bond on behalf of the surety company, as SURETY, are held firmly bound unto the State of New Mexico,
for the use and benefit of the Oil Conservation Division of New Mexico pursuant to Chapter 272, Laws of 1975, in
the sum of Two Thousand (\$2,000.00) Dollars lawful money of the United States, for the payment of which, well and
truly to be made, said PRINCIPAL and SURETY hereby bind themselves, their successors and assigns, jointly and
severally, firmly by these presents.

The conditions of this obligation are such that:

WHEREAS, The above principal has heretofore or may hereafter enter into geothermal resources leases with the
State of New Mexico; and

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 one well to prospect for and produce geothermal resources, or does own or may acquire,
own or operate such well, or such well started by others on land embraced in said State geothermal resources leases, 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 well being:

Lease	Well Number	Unit Letter	Section	Township	Range
<u>Garland - TG</u>	<u>1</u>	<u>J</u>	<u>35</u>	<u>24S</u>	<u>2E</u>

NOW, THEREFORE, If the above bounden principal and surety or either of them or their successors or assigns, or
any of them, shall plug said well, if non-productive or when abandoned in accordance with the rules, regulations, and
orders of the Oil Conservation Division 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 Division 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.

⑧ JENNIE GARLAND
PRINCIPAL
⑧ 1710 ROYAL, LAS CRUCES NM.
Address 88001

STATE FARM FIRE & CASUALTY COMPANY
SURETY
112 E. WASHINGTON STREET
BLOOMINGTON, IL 61701
Address

By ⑧ Jennie Garland
Signature
⑧ _____
Title

Ann Meek
Attorney-in-Fact

(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.)

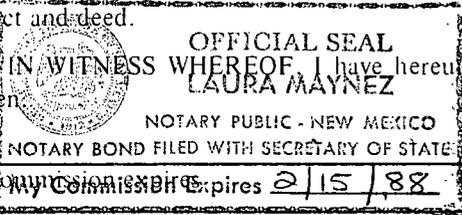
Countersigned by [Signature]
New Mexico Resident Agent

PO Box 276 Las Cruces NM
Address 88004

ACKNOWLEDGMENT FORM FOR NATURAL PERSONS

STATE OF New Mexico)
COUNTY OF Dona Ana) ss.

On this 27 day of March, 1984, before me personally appeared Jennie Garland, to me known to be the person (persons) described in and who executed the foregoing instrument and acknowledged that he (they) executed the same as his (their) free act and deed.



Laura Maynez
Notary Public

ACKNOWLEDGMENT FORM FOR CORPORATION

STATE OF _____)
COUNTY OF _____) ss.

On this _____ day of _____, 19____, before me personally appeared _____, to me personally known who, being by me duly sworn, did say that he is _____ of _____ and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and 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.

My Commission expires _____

ACKNOWLEDGMENT FORM FOR CORPORATE SURETY

STATE OF ILLINOIS)
COUNTY OF McLEAN) ss.

On this 2ND day of MARCH, 1984, before me appeared ANN MEEK, to me personally known, who, being by me duly sworn, did say that he is ATTORNEY-IN-FACT of STATE FARM FIRE & CASUALTY COMPANY and that the foregoing instrument was signed and sealed on behalf of said corporation by authority of its board of directors, and acknowledged said instrument to be the free act and 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.

Monica L. Baumann
Notary Public

SEPTEMBER 6TH, 1987

My Commission expires _____

(Note: Corporate surety attach power of attorney.)

APPROVED BY:
OIL CONSERVATION COMMISSION OF NEW MEXICO

By [Signature]



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

March 30, 1984

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

State Farm Insurance
P. O. Box 276
Las Cruces, New Mexico 88004

Re: \$2,000 One-Well Low-Temperature
Geothermal Well Bond
Mrs. Jennie Garland, Principal
State Farm Fire & Casualty
Co., Surety
TG Well No. 1, Unit J, Sec. 35,
T-24-S, R-2-E
Bond No. 91 09 1882

Gentlemen:

The Oil Conservation Division hereby approves
the above-referenced plugging bond effective
this date.

Sincerely,

JOE D. RAMEY,
Director

dr/

cc: Carl Ulvog - OCD
Santa Fe, New Mexico

Mrs. Jennie Garland
1710 Royal
Las Cruces, New Mexico 88001

Power of Attorney

STATE FARM FIRE AND CASUALTY COMPANY

KNOW ALL MEN BY THESE PRESENTS: That STATE FARM FIRE AND CASUALTY COMPANY, an Illinois corporation, with its principal office in Bloomington, Illinois, does hereby constitute and appoint: John Gibson, James Platt, Ann Meek, Terry Smith, Donna K. O'Crowly, Greg Malerich, Michael Nelson, Jeanne Kath, Ruth Davis of Bloomington, Illinois its true and lawful Attorney(s)-in-Fact, to make, execute, seal and deliver for, and on its behalf as surety, any and all bonds, undertakings or other writings obligatory in the nature of a bond as follows:

Any such obligation in any amount

This appointment is made under and by the authority of a resolution which was passed by the Executive Committee of the Board of Directors of State Farm Fire and Casualty Company on the 24th day of July 1974, as is duly authorized by the Board of Directors in Article II, Section 6 of the By-Laws of the Company, which resolution is:

Resolved, that the Executive Vice-President or a Vice-President of the Company is hereby authorized to appoint and empower any representative of the Company or other person or persons as Attorney-in-Fact to execute on behalf of the Company any bonds, undertakings, policies, contracts of indemnity or other writings obligatory in the nature of a bond, which the Company might execute through its duly elected officers, and affix the seal of the Company thereto. Any said execution of such documents by an Attorney-in-Fact shall be as binding upon the Company as if they had been duly executed and acknowledged by the regularly elected officers of the Company. Any Attorney-in-Fact, so appointed, may be removed for good cause and the authority so granted may be revoked as specified in the Power of Attorney.

Resolved, that the signature of the Executive Vice-President or any Vice-President and the seal of the Company may be affixed by facsimile on any power of attorney granted, and the signature of the Secretary, Vice-President or Assistant Secretary, and the seal of the Company may be affixed by facsimile to any certificate of any such power and any such power or certificate bearing such facsimile signature and seal shall be valid and binding on the Company. Any such power so executed and sealed and certificate so executed and sealed shall, with respect to any bond or undertaking to which it is attached, continue to be valid and binding on the Company.

IN WITNESS THEREOF, STATE FARM FIRE AND CASUALTY COMPANY has caused this instrument to be signed by its Vice-President, and its Corporate Seal to be affixed this 1st day of November 1982.

This APPOINTMENT SHALL CEASE AND TERMINATE AUTOMATICALLY AS OF DECEMBER 31, 1987, UNLESS SOONER REVOKED AS PROVIDED.

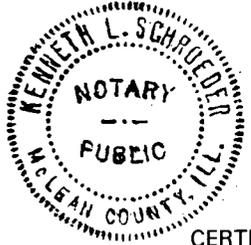
STATE FARM FIRE AND CASUALTY COMPANY

By: Philip G. Buffinton
Vice-President and Secretary



THIS POWER INVALID IF RED DIAGONAL IMPRINT "STATE FARM FIRE AND CASUALTY COMPANY, BLOOMINGTON, ILLINOIS" IS NOT PRESENT IN ITS ENTIRETY
STATE OF ILLINOIS
COUNTY OF McLEAN

On this 1st day of October 1977, before me personally came Philip G. Buffinton to me known, who being duly sworn, did depose and say that he is Vice-President of STATE FARM FIRE AND CASUALTY COMPANY, the corporation described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such Corporate Seal; and that he executed said instrument on behalf of the corporation by authority of his office under the By-Laws of said corporation.



Kenneth L. Schroeder
Notary Public
My commission expires November 1, 1986

CERTIFICATE

I, the undersigned Vice-President of STATE FARM FIRE AND CASUALTY COMPANY, do hereby certify that the original Power of Attorney of which the foregoing is a true and correct copy, is in full force and effect and has not been revoked and the resolutions as set forth are now in force.

Signed and sealed at Bloomington, Illinois. Dated this 2nd day of March 19 84



Carl Platt
Vice-President



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONEY ANAYA
GOVERNOR

March 26, 1984

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Mrs. Jennie Garland
1710 Royal
Las Cruces, New Mexico 88001

Re: \$2,000 One-Well Low-Temperature
Geothermal Well Bond
Mrs. Jennie Garland, Principal
State Farm Fire & Casualty Co.,
Surety
TG Well No. 1, Unit J, Section 35,
T-24-S, R-2-East,
Bond No. 91 09 1882

Dear Mrs. Garland:

We are in receipt of the above-captioned Geothermal Bond. I am returning this bond to you as it will be necessary for you to complete and have notarized the "Acknowledgment Form for Natural Persons" on the second page.

Just as soon as the completed bond is returned to me, I will proceed with its approval.

Sincerely,

DIANE RICHARDSON
Administrative Secretary

dr/

encl