

GTLT - _____23_____

**Jennie Garland
35-24S-2E
Dona Ana County**

Well No. 1

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form G-103
Adopted 10-1-74
Revised 10-1-78

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U. S. G. S.	1
Operator	1
Land Office	

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease State <input type="checkbox"/> Fee <input type="checkbox"/>
5.a State Lease No. N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name N/A
2. Name of Operator Mrs. Jennie Garland	8. Farm or Lease Name JG-TG
3. Address of Operator 1710 Royal Street Las Cruces, New Mexico 88001	9. Well No. 1
4. Location of Well Unit Letter J 2250 Feet From The East Line and 2,500 Feet From The South Line, Section 35 Township 23S Range 2E NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4180	12. County Dona Ana

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

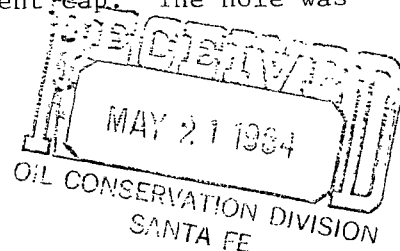
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	
PULL OR ALTER CASING <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 203.

The temperature gradient hole was plugged and abandoned in accordance with Oil Conservation Division regulations on May 10, 1984. The PVC tubing was cut off 2 feet below the surface. The top 8 feet of the PVC were filled with cement and the cement was allowed to overflow into the annular space to form a permanent cap. The hole was backfilled and the surface reclaimed.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jennie Garland TITLE May Lease Holder DATE May 18, 1984

APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 5/24/84

CONDITIONS OF APPROVAL, IF ANY:

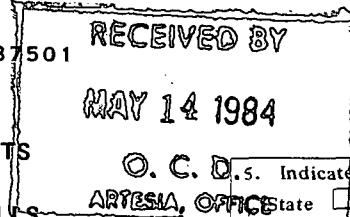
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form G-103
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U. S. G. S.		
Operator	/	
Land Office		



SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5.a State Lease No.	N/A
7. Unit Agreement Name	N/A
8. Farm or Lease Name	JG-TG
9. Well No.	1
10. Field and Pool, or Wildcat	Wildcat
12. County	Dona Ana

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well	Geothermal Producer <input type="checkbox"/>	Temp. Observation <input checked="" type="checkbox"/>
	Low-Temp Thermal <input type="checkbox"/>	Injection/Disposal <input type="checkbox"/>
2. Name of Operator	Mrs. Jennie Garland	
3. Address of Operator	1710 Royal Street Las Cruces, NM 88001	
4. Location of Well	Unit Letter J 2250 Feet From The East Line and 2,500 Feet From The South Line, Section 35 Township 23 S Range 2 E NMPM.	

15. Elevation (Show whether DF, RT, GR, etc.)
4180

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

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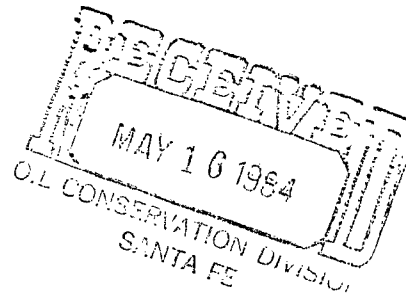
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 203.

Hole will be plugged and abandoned on or about May 9 or 10, 1984.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jennie Garland TITLE Lease Holder DATE May 4, 1984

APPROVED BY Carl Wloog TITLE DISTRICT SUPERVISOR DATE 5/18/84

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

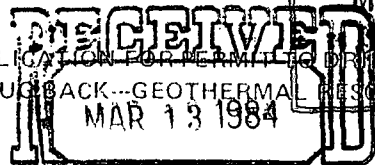
OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form G-101
Adopted 10-1-74
Revised 10-1-78

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Operator	/
Land Office	

APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK--GEOTHERMAL RESOURCES OFFICE



RECEIVED BY

MAR 12 1984

OIL CONSERVATION DIVISION

5. Indicate Type of Lease

STATE ☐

FEE ☐

5.a State Lease No.

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

JG-TG

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

12. County

Dona Ana

19. Proposed Depth

300 feet

19A. Formation
Quaternary
Alluvium

20. Rotary or C.I.

Rotary

21. Elevations (Show whether DF, RT, etc.)

4180

21A. Kind & Status Plug. Bond

21B. Drilling Contractor
To be determined

22. Approx. Date Work will start

3/27/84

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP surface
4"	1 1/2" OD	11b.	300 feet	1	
	PVC				

PVC casing will be filled with fresh water and capped. Temperature measurements will be made during the month following drilling.

Hole will be plugged and abandoned after final use, in accordance with O.C.D. requirements, hole location will be restored.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 6-28-84
UNLESS DRILLING UNDERWAY

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Mrs. Jennie Garland Title Lease Holder Date March 6, 1984

(This space for State Use)

Carl Ulloa

DISTRICT SUPERVISOR

APPROVED BY

TITLE

DATE

3-30-84

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

Operator Mrs. Jennie Garland		Lease JG-TG		Well No. 1	
Unit Letter J	Section 35	Township 24S	Range 2E	County Dona Ana	

Actual Footage Location of Well:

2250 feet from the East line and 2500 feet from the South line

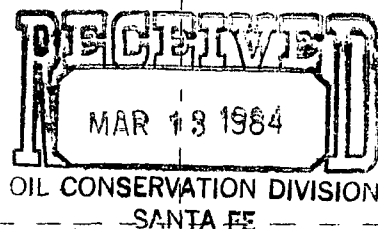
Ground Level Elev. 4180	Producing Formation Quaternary Alluvium	Pool Wildcat	Dedicated Acreage: N/A Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
Mrs. Jennie Garland
Position
Lease Holder
Company

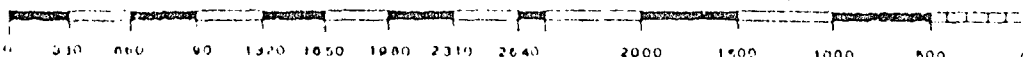
Date
Mar. 6, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

Form G-103
Adopted 10-1-74
Revised 10-1-78

SANTA FE, NEW MEXICO 87501

APR 30 1984

SUNDRY NOTICES AND REPORTS
ON
ARTESIAN OFFICE
GEOHERMAL RESOURCES WELLS

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File	1	✓
N. M. B. M.		
U. S. G. S.		
Operator	1	
Land Office		

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name N/A
2. Name of Operator Mrs. Jennie Garland	8. Farm or Lease Name JG-TG
3. Address of Operator 1710 Royal Street Las Cruces, NM 88001	9. Well No. 1
4. Location of Well Unit Letter <u>J</u> <u>2250</u> Feet From The <u>East</u> Line and <u>2500</u> Feet From The <u>South</u> Line, Section <u>35</u> Township <u>23 S</u> Range <u>2 E</u> NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4180	12. County Dona Ana

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

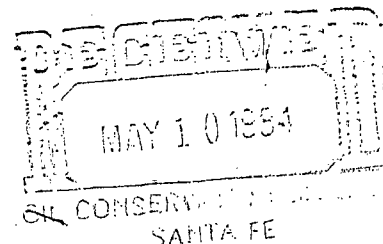
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	
PULL OR ALTER CASING <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 203.

Drilling will commence on either April 9 or 10, 1984.



18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Jennie Garland TITLE Lease Holder DATE Apr 3, 84

APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 5/10/84

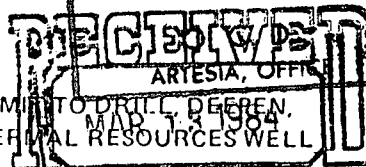
STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 208
SANTA FE, NEW MEXICO 87501

Form G-101
Adopted 10-1-74
Revised 10-1-78

RECEIVED BY

MAR 12 1984



APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK--GEOTHERMAL RESOURCES WELL

OIL CONSERVATION DIVISION
SANTA FE

NO. OF COPIES RECEIVED	
DISTRIBUTION	
File	
N.M.B.M.	
U.S.G.S.	
Operator	
Land Office	

1a. Type of Work	Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>
b. Type of Well	Geothermal Producer <input type="checkbox"/>	Temp Observation <input checked="" type="checkbox"/>	Injection/Disposal <input type="checkbox"/>
	Low-Temp Thermal <input type="checkbox"/>		

5. Indicate Type of Lease	STATE <input type="checkbox"/>	FEE <input type="checkbox"/>
5.a State Lease No.	N/A	

2. Name of Operator	Mrs. Jennie Garland
3. Address of Operator	1710 Royal St., Las Cruces, NM 88001

7. Unit Agreement Name	N/A
8. Farm or Lease Name	JG-TG

4. Location of Well	UNIT LETTER <u>J</u> LOCATED <u>2250</u> FEET FROM THE <u>East</u> LINE
AND	<u>2500</u> FEET FROM THE <u>South</u> LINE OF SEC. <u>35</u> TWP. <u>24S</u> RGE. <u>2E</u> NMPM

9. Well No.	1
10. Field and Pool, or Wildcat	Wildcat

12. County	Dona Ana
------------	----------

19. Proposed Depth	300 feet	19A. Formation	Quaternary Alluvium	20. Rotary or C.T.	Rotary
21. Elevations (Show whether DF, RT, etc.)	4180	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	To be determined	22. Approx. Date Work will start
					3/27/84

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
4"	1 1/2" OD	11b.	300 feet	1	surface
	PVC				

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Hole will be plugged and abandoned after final use, in accordance with O.C.D. requirements, hole location will be restored.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 6-28-84
UNLESS DRILLING UNDERWAY

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WITHIN 24 HOURS OF BEGINNING OPERATIONS

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. Give blowout preventer program, if any.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Mrs. Jennie Garland Title Lease Holder Date March 6, 1984
(This space for State Use)

APPROVED BY Carl Wloag TITLE DISTRICT SUPERVISOR DATE 3-30-84
CONDITIONS OF APPROVAL, IF ANY:

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section.

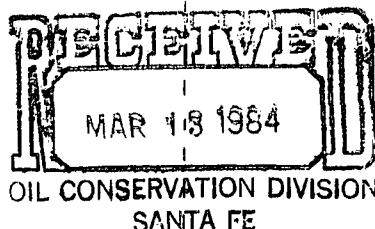
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Unit Letter J	Section 35	Township 24S	Range 2E	County Dona Ana	
Actual Footage Location of Well: 2250 feet from the East line and 2500 feet from the South line					
Ground Level Elev. 4180	Producing Formation Quaternary Alluvium		Pool Wildcat	Dedicated Acreage: N/A Acres	

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CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Mrs. Jennie Garland
Position Lease Holder
Company _____

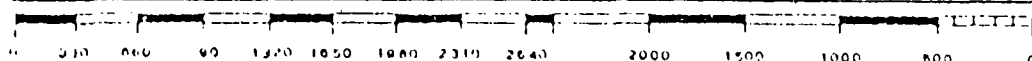
Date Mar. 6, 1984

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed _____

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

March 30, 1984

TONY ANAYA
GOVERNOR

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



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

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

February 29, 1984

Mrs. Jennie Garland
1710 Royal Street
Las Cruces, NM 88001

Dear Mrs. Garland:

Attached are copies of your application received here on February 27th, last. As of this writing, no bond for such an operator or location has been posted with the Oil Conservation Division.

While waiting for your bond to be approved, you may wish to re-examine your indicated location. Form G-101 and Form G-102 describe this as 100 feet from the North line and 200 feet from the West line of the section. A notation on the Form G-102 illustrates where that would be.

You will observe that this is not Unit Letter J, and is far removed from the location shown by Form G-102 which you submitted.

Yours truly,

Carl Ulvog

CARL ULVOG
Geothermal Supervisor

CU/dp

Enc.