

**GTLT - \_\_\_\_\_18\_\_\_\_\_**

**Thomas F. Ryan  
10-21S-1W  
Dona Ana County**

**Well Nos. 1 - 2**

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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File	<input checked="" type="checkbox"/>
N. M. B. M.	
U. S. G. S.	
Operator	
Land Office	

SUNDRY NOTICES AND REPORTS  
ON  
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" 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		7. Unit Agreement Name	
Geothermal Producer <input type="checkbox"/>	Temp. Observation <input checked="" type="checkbox"/>	N/A	
Low-Temp Thermal <input type="checkbox"/>	Injection/Disposal <input type="checkbox"/>	8. Farm or Lease Name	
2. Name of Operator		Ryan	
3. Address of Operator		9. Well No.	
2804 West Union, Las Cruces, NM 88005		1	
4. Location of Well		10. Field and Pool, or Wildcat	
Unit Letter <u>G</u> , <u>1,420</u> Feet From The <u>East</u> Line and <u>1,450</u> Feet From		Wildcat	
The <u>North</u> Line, Section <u>10</u> Township <u>21S</u> Range <u>1W</u> NMPM.			
15. Elevation (Show whether DF, RT, GR, etc.)		12. County	
		Dona Ana	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING
TEMPORARILY ABANDON <input type="checkbox"/>		COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER _____	

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 has been plugged and abandoned (3/24/83) in accordance with Oil Conservation Division regulations.

- o The PVC tubing was cut off 2 feet below the surface.
- o 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.
- o 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 Thomas F. Ryan TITLE Owner DATE 3 May 1983

APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 5-6-83

CONDITIONS OF APPROVAL, IF ANY:

April 27, 1983

Mr. Carl Ulvog  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

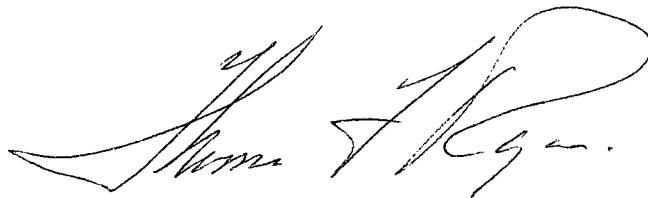
Dear Mr. Ulvog:

Please find enclosed the following documents:

- (1) G-103, Commence Drilling Operations
- (2) G-103, Plug and Abandonment
- (3) Cementer's Affidavit

As you will note, I have supplied all of the information that you requested in your letter dated 4/19/83. I hope that this information is sufficient to satisfy the Oil Conservation Division Rules and Regulations. Should there be any further requirements, please inform me as I intend to fully comply with the law.

Sincerely,

A handwritten signature in dark ink, appearing to read "Tom Ryan", with a large, stylized flourish at the end.

TOM RYAN

Enclosures

CEMENTER'S AFFADAVIT

OPERATOR: Tom Ryan  
2804 W. Union  
Las Cruces, NM 88005

HOLE TYPE: Temperature gradient

HOLE NUMBER: 1

LOCATION: Unit letter G, Section 10, Township 21S, Range 1W

PLUG: 1 bag Portland Cement  
Approximately 15 gallons water  
4 5/8

PLUG DATE: 3/24/83

CEMENTING COMPANY: LarJon Drilling Co.  
P.O. Box 925  
Mesilla Park, NM 88047

SIGNED Barry Johnson for LarJon Drilling Co.

DATE \_\_\_\_\_

*HOLD*  
**Memo** *From*  
CARL ULVOG  
Chief Geologist

*To*

*Ryan #1 Ryan*

*G-10-215-1W Dona Ana*

*Hold for notarized verification  
of plugging. (O.C.D. not notified)*

*No C-103 reporting depth  
reached, tubing setting, etc.; no  
dates of spudding, completion, etc.*

*Memo of notification - 2/27/81 -  
was attached to permit.*

---

*I was there on 2/10/83; alluvium  
had been penetrated; siliceous limestone  
encountered @  $\pm$  175'. I told them, either  
stop or case off upper part of hole if they  
wanted to go deeper.*



STATE OF NEW MEXICO  
**ENERGY AND MINERALS DEPARTMENT**  
OIL CONSERVATION DIVISION

TONEY ANAYA  
GOVERNOR

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

April 18, 1983

Thomas F. Ryan  
2804 West Union  
Las Cruces, New Mexico 88005

Dear Mr. Ryan:

Attached is a copy of a recently submitted Form G-103. Approval of action reported there-in has been suspended, awaiting your compliance with Memorandum of 2/27/81 - copy of which was attached to (and became a condition of OCD approval of) your permit to drill. Another copy of said Memorandum is enclosed for your convenience.

Please note that this memorandum is used as a convenience to the operator. Lacking such a proviso, the operator is subject to Rule 302 of the State Geothermal Regulations. However, the stipulation of above-mentioned memorandum waives only the PRIOR notification by filing a Form G-103; it does not exempt an operator from submitting the data required by that Rule 302.

Yours truly,

CARL ULVOG  
Geothermal Supervisor

CU/jc

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U. S. G. S.		
Operator		
Land Office		

SUNDRY NOTICES AND REPORTS  
ON  
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No. N/A
7. Unit Agreement Name N/A
8. Farm or Lease Name Ryan
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 Thomas F. Ryan
3. Address of Operator 2804 West Union Las Cruces, NM 88005	4. Location of Well Unit Letter G, 1420 Feet From The East Line and 1450 Feet From The North Line, Section 10 Township 215 Range 1W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)	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"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

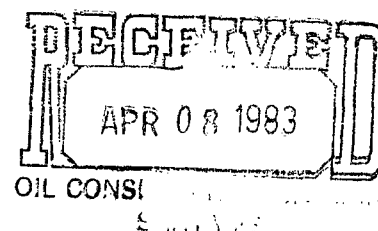
SUBSEQUENT REPORT OF:

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

7. 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 has been plugged and abandoned (3/24/83) in accordance with Oil Conservation Division regulations.

- o The PVC tubing was cut off 2 feet below the surface
- o 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
- o The hole was backfilled and the surface reclaimed



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

SIGNED Thomas F. Ryan TITLE Owner DATE 6 April 1983

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

BRUCE KING  
GOVERNOR

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

\* \* \* NOTICE - NOTICE \* \* \*

MEMORANDUM

TO: OPERATORS, DIVISION DISTRICT IV

FROM: CARL ULVOG, DISTRICT SUPERVISOR

SUBJECT: WITNESSING OF CASING-CEMENTING AND WELL PLUGGING OPERATIONS

The District IV office of the Oil Conservation Division is to be notified of casing-cementing or well plugging in sufficient time to permit Division inspection of such operations.

In those cases where the operator fails to provide such notice the operator shall obtain and submit a cementer's affidavit describing the cementing operation giving volumes used, cement class type(s), additives used, and slurry weight; quantity, weight, and volume of mud mixed, if any; and such other detail as may be appropriate to confirm the cementing or plugging operations. The cementer's affidavit shall be signed by a representative of the cementing company and shall be filed by the operator with Division Form C-103 "Sundry Notices and Reports on Wells" which reports such operation.

February 27, 1981

jc/



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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N.M.B.M.	
U.S.G.S.	
Operator	
Land Office	

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

DEC 3 1982

O. C. D.

ARTESIA OFFICE

5. Indicate Type of Lease  
STATE ☐ FEE ☒  
5.a State Lease No. **N/A**

1a. Type of Work Drill ☒ Deepen ☐  
b. Type of Well Geothermal Producer ☐ Temp Observation ☒  
Low-Temp Thermal ☐ Injection/Disposal ☐

7. Unit Agreement Name **N/A**  
8. Farm or Lease Name **Ryan**

2. Name of Operator **THOMAS F. RYAN**

9. Well No. **1**

3. Address of Operator **2804 West Union**

10. Field and Pool, or Wildcat **Wildcat**

4. Location of Well UNIT LETTER **G** LOCATED **1420** FEET FROM THE **East** LINE  
AND **1450** FEET FROM THE **North** LINE OF SEC. **10** TWP. **21S** RGE. **1W** NMPM

12. County **Dona Ana**

19. Proposed Depth <b>300'</b>	19A. Formation <b>Santa Fe</b>	20. Rotary or C.T. <b>Rotary</b>
21. Elevations (Show whether DJF, RT, etc.)	21A. Kind & Status Plug, Bond <b>Single Well #</b>	21B. Drilling Contractor <b>to be determined</b>
	22. Approx. Date Work will start <b>January 1, 1983</b>	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
5-3/4"	1-1 1/2" PVC		300'	N/A	N/A

Well described above will be drilled for temperature observation and feasibility study.

COMPLETION OF TEMPERATURE  
MEASUREMENTS TO BE FOLLOWED BY  
PLUGGING IN ACCORD WITH OCD  
REGULATIONS.

OIL CONSERVATION DIVISION

DEC 6 1982

RECEIVED

APPROVAL VALID FOR **90** DAYS  
PERMIT EXPIRES **2-10-83**  
UNLESS DRILLING UNDERWAY

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 prevention program, if any.

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

Signed [Signature] Title \_\_\_\_\_ Date **11-19-82**

(This space for State Use)

APPROVED BY [Signature] TITLE **DISTRICT SUPERVISOR** DATE **12/10/82**

CONDITIONS OF APPROVAL, IF ANY:

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

**GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

Operator <b>THOMAS F. RYAN</b>		Lease <b>Ryan</b>		Well No. <b>1</b>
Unit Letter <b>G</b>	Section <b>10</b>	Township <b>21S</b>	Range <b>1W</b>	County <b>Dona Ana</b>

Actual Footage Location of Well:

**1420** feet from the **East** line and **1450** feet from the **North** line

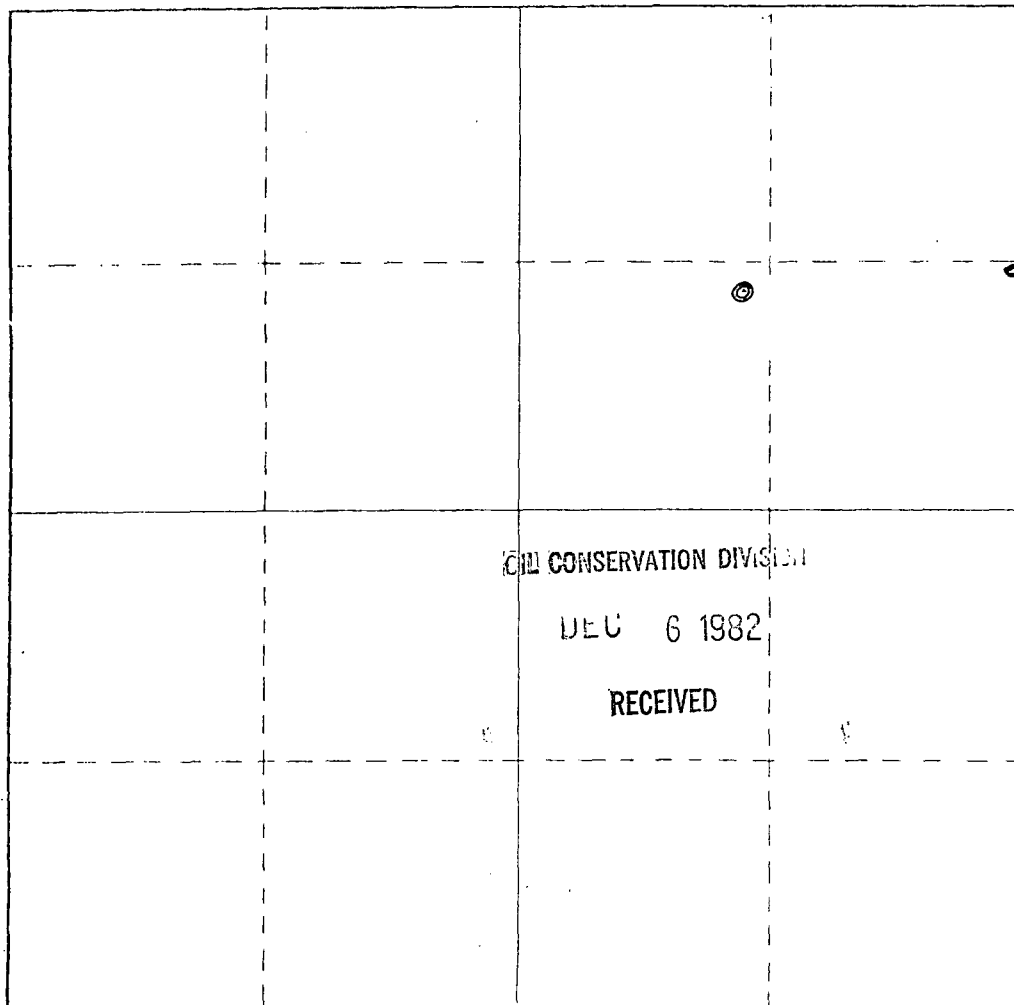
Ground Level Elev.	Producing Formation <b>Santa Fe Fill</b>	Pool <b>Radium Springs</b>	Dedicated Acreage: Acres
--------------------	---	-------------------------------	-----------------------------

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **N/A**
- 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? **N/A**

☐ 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 Commission.



**CERTIFICATION**

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

Name **Thomas F. Ryan**  
Position \_\_\_\_\_

Company \_\_\_\_\_

Date **November 19, 1982**

*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. \_\_\_\_\_

0 300 600 900 1200 1500 1800 2100 2400 2700 3000 3300 3600



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

December 28, 1982

BRUCE KING  
GOVERNOR

LARRY KEHOE  
SECRETARY

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

Mr. Thomas F. Ryan III  
2804 West Union  
Las Cruces, New Mexico 88005

Re: \$2,000 One-Well Low-Temperature  
Geothermal Bond  
Thomas F. Ryan III, Principal  
Safeco Insurance Company of  
America, Surety  
Bond No. 2616664

Gentlemen:

The Oil Conservation Division hereby approves  
the above-referenced geothermal bond effective  
December 17, 1982.

Sincerely,

JOE D. RAMEY,  
Director

dr/

cc: Carl Ulvog - Santa Fe

MATHER, WIESE AND GARDNER, INC.  
LAND SURVEYORS AND ENGINEERS  
1280 MED PARK DRIVE, SUITE A  
LAS CRUCES, NEW MEXICO 88005  
TELEPHONE: 524-1502

December 9, 1982

OIL CONSERVATION DIVISION

DEC 13 1982

RECEIVED

Carl Ulvog, Director  
Oil Conservation Division  
Energy and Minerals Department  
State of New Mexico  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Re: Geothermal Test Well Application for Thomas F. Ryan

Dear Mr. Ulvog:

As per our telephone conversation of this date I am requesting that the following items be changed on the G-101 Form submitted to you:

- 1) Change Item 8 from N/A to Ryan;
- 2) Change Item 9 from Ryan-001 to 001;
- 3) Add 2616664 to Item 21A.

Also, as per our conversation, please delete the Form G-102 from the application package. No land is needed to be dedicated to a Temperature Observation Well.

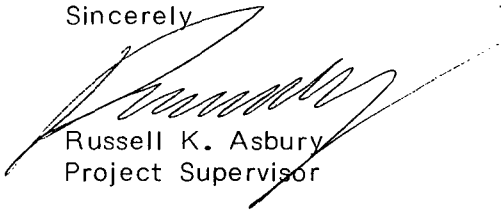
Please find enclosed a \$2000 one-well bond as required.

I hope this information will be of help to you in the approval of the aforementioned application.

Thank you for your time and cooperation on this matter.

If there are any other questions or comments about the application, please feel free to contact me at this office.

Sincerely,



Russell K. Asbury  
Project Supervisor

Encl:

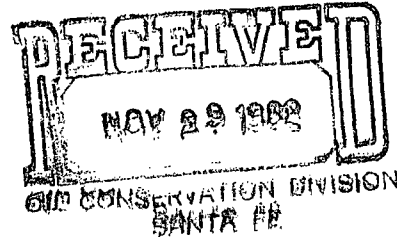
RKA:ja

MATHER, WIESE AND GARDNER, INC.  
LAND SURVEYORS AND ENGINEERS  
1280 MED PARK DRIVE, SUITE A  
LAS CRUCES, NEW MEXICO 88005  
TELEPHONE: 524-1502

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DEC 3 1982

O. C. D.  
ARTESIA, OFFICE



November 22, 1982

State of New Mexico  
Energy and Minerals Department  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Please find enclosed four copies each of forms G-101 and G-102 and the Designation of Agent form for Mr. Thomas F. Ryan.

If there are any questions or comments about the information contained in these forms, do not hesitate to contact me at your earliest convenience.

Thank you for your time and cooperation on this matter.

Sincerely

Russell K. Asbury  
Project Engineer

Enclosures

RKA:ja

12/9/82: By telephone, I advised that; (on C-101 & C-102)

- (1) Item 8 is applicable, if Ryan is landowner, that should be Ryan
- (2) Item 9 is number only, call it no. 1.
- (3) No acreage dedicated to gradient hole because it must be plugged.
- (4) no bond filed here.

# Memo

*From*

ROY JOHNSON  
*Geologist*

*To File*

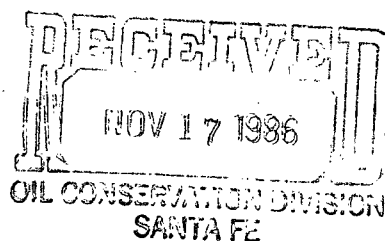
11-2-89

*Note: This well has been drilled, on Fedl. acreage - BLM mandates plugging & subsequent clean up Jim Witcher - NMSCU claims all in order - OK to release bond*

ENERGY INSTITUTE

Box 3E1/Las Cruces, New Mexico 88003  
Telephone (505) 646-1745

November 14, 1986



Mr. Roy Johnson  
Oil and Gas Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Dear Mr. Johnson:

This letter is to introduce myself, Jim Witcher, and send in the OCD Forms G-101 and G-102 for Mr. Tom Ryan. I replaced Jim Gross as staff geologist at the New Mexico State University Energy Institute and I'll be assisting Tom Ryan with his geothermal drilling program. If you have comments or questions concerning these applications please call. My number is 646-2856.

Sincerely,

James C. Witcher  
Staff Geologist

JCW/gcv

*Dianna  
Geothermal bond  
Thomas F. Ryan  
The  
Ry*



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

November 3, 1989

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

Safeco Insurance Companies  
9630 N. 25th Avenue  
Suite 314  
Phoenix, Az. 85021-2712

Attention: Dorothy Miller

Re: \$2,000 One-Well Low-Temperature  
Geothermal Observation Well Bond  
Thomas F. Ryan, Principal  
Ryan Well No. 2, Unit A, Sec. 10,  
T-21-S, R-1-W,  
Bond No. 2616668

Dear Ms. Miller:

The Oil Conservation Division hereby approves release of  
the above-captioned geothermal well bond effective  
November 2, 1989.

Sincerely,

A handwritten signature in dark ink, appearing to read 'William J. Lemay', written over the typed name.

WILLIAM J. LEMAY,  
Director

dr/

cc: Oil Conservation Division  
Santa Fe District Office

Mr. Thomas F. Ryan  
2804 W. Union  
Las Cruces, New Mexico 88005



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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U.S.G.S.	
Operator	
Land Office	

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

5. Indicate Type of Lease  
STATE ☒ FEE ☐

5.a State Lease No.  
NM 34793

6. Unit Agreement Name  
N/A

7. Farm or Lease Name  
NKH

8. Well No.  
RYAN #2

9. Field and Pool, or Wildcat  
RADIUM SPRINGS

10. Location of Well  
UNIT LETTER A LOCATED 1153.34 FEET FROM THE NORTH LINE  
AND 976.66 FEET FROM THE EAST LINE OF SEC. 10 TWP. 21S RGE. 1W NMPM

11. County  
DONA ANA

12. Proposed Depth  
< 300'

13. Formation  
TERTIARY VOLCANICS

14. Rotary or C.T.  
ROTARY

15. Elevations (Show whether DF, RT, etc.)  
4050

16. Kind & Status Plug. Bond  
LARSON - LARRY JOHNSON

17. Approx. Date Work will start  
11/86

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>9 7/8 INCHES</u>	<u>7 O.D. INCHES</u>	<u>17#</u>	<u>80</u>	<u>N20</u>	<u>SURFACE</u>

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.

Thomas F. Ryan Title OPERATOR Date 13 Nov 1986

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 12-9-86

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

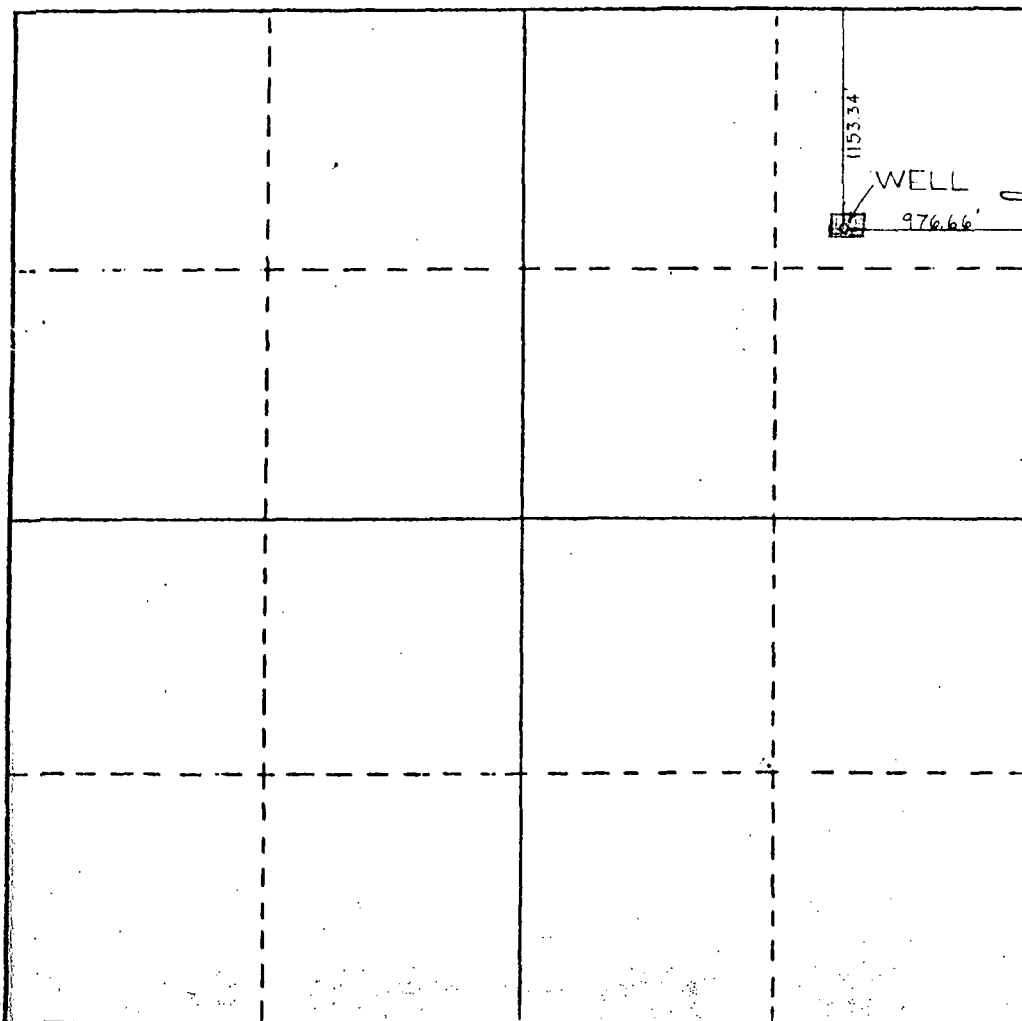
Operator <b>THOMAS F. RYAN</b>		Lease <b>NKH NM 34793</b>		Well No. <b>RYAN-002</b>
Unit Letter <b>A</b>	Section <b>10</b>	Township <b>21 SOUTH</b>	Range <b>1 WEST</b>	County <b>DONAHUA</b>
Actual Footage Location of Well: <b>1153.34</b> feet from the <b>NORTH</b> line and <b>976.66</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>4050</b>	Producing Formation <b>TERTIARY VOLCANICS</b>	Pool <b>RADIUM SPRINGS</b>	Dedicated Acreage: <b>1.0</b> Acres	

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? **N/A**

☐ 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  
**THOMAS F. RYAN**  
Position  
**OPERATOR**  
Company

Date  
**13 Nov 1986**

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  
**11-12-86**

Registered Professional Engineer and/or Land Surveyor  
**ORVILLE K. MATHER, P.E.**  
**MATHER, WILSON & ASSOC., INC.**  
**NMRLS No. 6205**

Certificate No.

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



December 9, 1986

TONY ANAYA  
GOVERNOR

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

Mr. Thomas F. Ryan  
2804 W. Union  
Las Cruces, New Mexico 88005

Re: \$2,000 One-Well Low-Temperature  
Geothermal Observation Well Bond  
Thomas F. Ryan, Principal  
Ryan Well No. 2, Unit A, Sec. 10,  
T-21-S, R-1-W; Bond No. 2616668

Dear Mr. Ryan:

The Oil Conservation Division hereby approves the  
above-captioned one-well low-temperature geothermal bond  
effective December 8, 1986.

Sincerely,

A handwritten signature in cursive script, appearing to read "R. L. Stamets".

R. L. STAMETS,  
Director

dr/

cc: Oil Conservation Division  
Santa Fe, New Mexico