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

Form G-103 Adopted 10-1-74

NO 05 000 50 DEGENTED	SANTA FE, NEW	MEXICO 87501	Revised 10-1-78		
NO. OF COPIES RECEIVED	i				
DISTRIBUTION .	-				
N. M. B. M.	SUNDRY NOTICES	AND REPORTS			
	ON		5. Indicate Type of Lease		
U. S. G. S	GEOTHERMAL RES	OURCES WELLS	State Fee X		
Operator			5.a State Lease No. N/A		
Land Office	<u> </u>		N/A		
Do Not Use This Form for Proposals to For Permit —" (Form G-101) for Such					
1. Type of well Geothermal Prod	ucer Temp. Observation	X	7. Unit Agreement Name		
Low-Temp Therm	nal 🗌 Injection/Disposal [		N/A		
2. Name of Operator			8. Farm or Lease Name		
Thomas F. Ryan		•	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 G, 1,420	Unit Letter G, 1,420 Feet From The East Line and 1,450 Feet From				
The North_Line, Section		Range 1W NMPM.			
,					
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County Dona Ana		
16. Chec	k Appropriate Box To Indicate Nati	ure of Notice, Report or Other Da	ta		
NOTICE OF INTE	1		NT REPORT OF:		
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING		
TEMPORARILY ABANDON	LOG AND ADANDON	COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT XX		
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB			
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		OTHER			
OTHER			•		
17 Describe Proposed or completed (	Operations (Clearly state all pertinent d	letails, and give pertinenet dates, inclu	iding estimated date of starting any		

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 JAMES / Klyan TITLE Choner. DATE 3 May 1983
APPROVED BY Carl Elling TITLE DISTRICT SUPERVISOR DATE 5-6-83
CONDITIONS OF APPROVAL, IF ANY:

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,

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
PLUG DATE: 3/24/83
CEMENTING COMPANY: LarJon Drilling Co. P.O. Box 925 Mesilla Park, NM 88047
Hesilia Tark, Nr. 00047
SIGNED Sarry for Laryon Drilling Co
DATE

Memo GARL ULVO **CARL ULVOG** Chief Geologist

To Ryon # 1 Ryon 11<-11 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 later of speedding, completion, etc.

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

I was there on 2/10/83, allowing had been possetrated, silicious limestone encountered @ + 175' I told them, either stop or ease off upper part of hole if they wanted to go deeper.

> Oil Conservation Division P.O. Box 2088 Santa Fe, N.M. 87501



#### 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

## STATE OF NEW MEXICO

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-103

SANTA FE. NEW MEXICO 87501  DOS INDUSTRIES  DOS INDUSTRIES  SUNDRY NOTICES AND REPORTS ON GEOTHERMAL RESOURCES WELLS  SANTA FOR NO.  S. DOS S. S.  GEOTHERMAL RESOURCES WELLS  SANTA FOR NO.  SANTA FOR N	ENERGY AND MINERALS DEPARTMENT	SANTA EF NEW		Adopted 10-1-74 Revised 10-1-78
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Type of twell   Type of twel	Land Office			N/A
Type of twell   Type of twel	5. N I			
Name of Operator  Thomas F. Ryan  S. Fattor of Lass Name Ryan  Ryan  Ryan  S. Fattor of Lass Name Ryan  Ryan  Ryan  Ryan  S. Fattor of Lass Name Ryan  Ryan  Ryan  Ryan  Rya		Deepen or Flug Back to a D	interent Reservoir. Use "Application	
Note of Operator  Thomas F. Ryan  Address of Operator  2804 West Union  Las Cruces, NM 88005  Lineation of Well  Usit Letter G, 1420  Feet From The East  Line and 1450  Feet From  Wildcat  Wil	1. Type of well Geothermal Producer	Temp. Observation	X	
Thomas F. Ryan  1. Address of Operation  2806 West Union  2807 West From Tine  2807 William  2816 William  2817 William  2816 William  281	Low-Temp Thermal	Injection/Disposal		N/A
Address of Operator  2804 Rest Union  2805 Peet From The East  2805 Location of Well  2806 Rest Union  2807 Rest From The East  2807 Location of Well  2807 Rest From The East  2808 Rest Union	2. Name of Operator			8. Farm or Lease Name
2804 West Union  2804 West Union  Las Cruces, NM 88005  10. Feet From The East  Line and  1450  Feet From The East  Line and  North Line, Section  10. Township  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:  SUBSCOUENT REPORT OF:  REMEDIAL WORK  SINGPARRILLY ABANDON  OTHER  OTHER  OTHER  OTHER  OTHER  TO HANGE PLANS  CHANGE PLANS  OTHER  OTHER  D. Describe Proposed or completed Operations (Clearly state all personent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 203.  Role 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 DECEPTION AND AND AND AND AND AND AND AND AND AN	Thomas F. Ryan			Ryan
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# ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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

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# 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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b. Type of Well Geothern	nal Producer 🗀 📑	Ter	np Observation 📆		8. Farm or	
Low-Tem	p Thermal 💢 🗀 📑	n ing a salanje	ction/Disposal 💹 🗖 🖰	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		Ryan
2. Name of Operator				7	9. Well-No.	<del></del>
2. Name of Operator	THO	MAS F. RYAN			•	
i 3. Address of Operator		NAS A. * SA IMAN			50 a- 51	d Pool, or Wildcat
•	West Union					Ideat
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WITHIN 24 HOURS OF BEGINNING OPERATIONS

## NEW MEXICO OIL CONSERVATION COMMISSION P. O. BOX 2088 SANTA FE 87501

## GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances n	nust be from the outer b	oundaries of the Sectio	n.	
Operator . <b>T</b>	HOMAS F. RY	AN	Lease Ryan			Well No.
Unit Letter	Section	Township	Range	County		
G	10	218	1	W	Dona	Ana
Actual Footage Lo	feet from the	East	line and 1450	feet from the	North	· line
Ground Level Elev	Producing F	`ormation	Pool			Dedicated Acreage:
The transference of the second		Fe Fill	·	ium Springs		Acres
1. Outline	e the acreage dedic	cated to the subject	well by colored pen	cil or hachure marks	on the plat	below.
	re than one lease in yalty). N/A	is dedicated to the	well, outline each a	nd identify the own	ership therec	of (both as to working interes
		of different owners tion, force-pooling,	· ·	ne well, have the int	erests of all	owners been consolidated b
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	is "no," list the c	owners and tract d	escriptions which ha	ve actually been con	solidated. (U	Jse reverse side of this form
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	1		1		the best	of my knowledge and belief. —
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	<u> </u>				Name	
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					7,000	
	1	ຂາກ ເຄ	NSERVATION DIVISION	ž I	/ hereby	certify that the well location
			· ·			this plat was plotted from field
	1	h	EU 6 1982	and the state of t		actual surveys made by me o
	1	į.	DESCRIPTION	{	ì	y supervision, and that the same and correct to the best of my
	İ	ę.	RECEIVED	· ·	l)	ge and belief.
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#### BRUCE KING GOVERNOR LARRY KEHOE SECRETARY

#### STATE OF NEW MEXICO

### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

December 28, 1982

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** 

OIL CONSERVATION DIVISION

December 9, 1982

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

DEC 1 3 1982

... UELVED

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** 

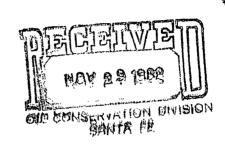
RECEIVED

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:ia

12/9/82: By telephone, I advised that; (on C-1014C-102)

- (1) Item 8 is applicable, if Ryan is landowner, that should be Ryan
- (3) No acreage dedicated to gradient holy 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 Fecl. aereage 
BLM manclates plugging & subsequent clean up Jim Witcher - MMSU claims all in order - Okto release claims all in order - Okto release bond

Box 3EI/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

C. Wille

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

Diemenal Event Geomas L. Ryon

#### 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,

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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NO. OF COPIES RECEIVED	<del></del>			5. Indicate	Type of Lease
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Operator	+				
Land Office	<u> </u>				
ta. Type of Work Drill	$\boxtimes$	Deepen	Plug Back	7. Unit Agr	eement Name
<b>b. Type of Well</b> Geother	mal Producer 🔲	Te	mp Observation $\square$	8. Farm or	Lease Name
Low-Te	mp Thermal 🛮 🖾	Inje	ection/Disposal 🗆	N N	< <i>H</i>
Name of Operator			<del></del>	9. Well No.	• •
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## OIL CONSERVATION DIVISION F.O. BOX 2018 SANTA FE, NEW MEXICO 87501

Form G-102 Adopted 10-1-74 Revised 10-1-78

#### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

	All distar	nces must be from t	he outer boundarie	s of the Section.	•
Operator	<i>-</i> 0 1	Lease			Well No.
THOMAS A			KH NM 3		RYAN-OOZ
Unit Letter Section	· · · · · · · · · · · · · · · · · · ·	SOUTH	Range / WEST	Down AV	9
Actual Footage Location of 1153.34	Well: t from the NORTH	line and	976.66	feet from the EAST	line
	Producing Formation	Pool			Dedicated Acreage:
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2. If more than and royalty).	one lease is dedicated to	the well, outlin	e each and ident		of (both as to working interest
communitizatio	on, unitization, force-po-	oling, etc?	Ilidation		Jse reverse side of this form if
necessary.) No allowable wi	ll be assigned to the	well until all	interests have b		communitization, unitization,
<u> </u>	1		1		CERTIFICATION
		<del></del> -		Containe the best  376.66  Name THO Position	y certify that the information d herein is true and complete to my knowledge and pelicf.
				Date	Mar 1986
				shown o notes of under m is true	r certify that the well location in this plat was plotted from field actual surveys made by me or y supervision, and that the same and correct to the best of my ge and belief.
				l andbe tan	rofessional Engineer I Surveyor LE K. MATHER, Page.
4	1			NMR	LS No. 6205



### ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

December 9, 1986

TONEY 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,

R. L. STAMETS,

Director

dr/

cc: Oil Conservation Division

Santa Fe, New Mexico