

**GTLT - \_\_\_\_\_3\_\_\_\_\_**

**ROSETTE No. 1**  
**UL: P 6-25S-19W**  
**Hidalgo County**

**DRILLED:**  
**~10/21/1993**

July 7, 1995

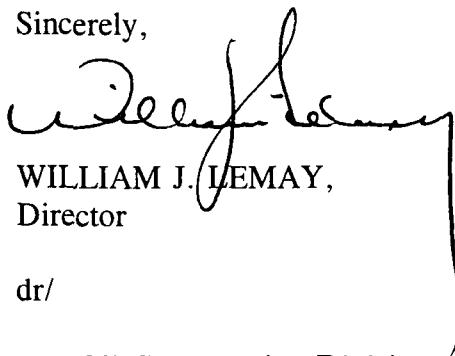
Rosette Inc.  
PO Box 254 A  
Animas, New Mexico 88020

Re: \$10,000 Multiple Well Geothermal  
Observation Well Bond  
Rossette, Inc., Principal  
American Bonding Company, Surety  
Bond No. 9360094

Gentlemen:

the Oil Conservation Division hereby approves cancellation of the above-referenced geothermal bond.

Sincerely,



WILLIAM J. LEMAY,  
Director

dr/

cc: Oil Conservation Division  
Santa Fe - Roy Johnson

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

RECEIVED

OCT 21 1993

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

5. Indicate Type of Lease  
STATE ☒ FEE  
5.a State Lease No.  
**GTR 303**

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

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

2. Name of Operator  
**Rosette Inc**

10. Field and Pool, or Wildcat

3. Address of Operator  
**PO Box 265A Animas, NM 88020**

**Lighting Rod**

4. Location of Well UNIT LETTER **P** LOCATED **1050** FEET FROM THE **East** LINE

AND **50** FEET FROM THE **So.** LINE OF SEC **6** TWP **25S** RGE **19W** NMPM

12. County

**Hidalgo**

19. Proposed Depth  
**500**

19A. Formation

20. Rotary or C.T.

21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 22. Approx. Date Work will start

**4250**

**Cash 2,000--**

**Self**

**10/20/93**

**#5622**

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<b>9 7/8</b>	<b>8 5/8</b>	<b>32</b>	<b>150</b>	<b>50</b>	<b>air</b>

Hotwater could be encountered at 100' if so. Pipe will be set there

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new production 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 **Dale Burgett** Title **CEO** Date **10/16/93**

(This space for State Use)

APPROVED BY **R. E. Johnson** TITLE **DISTRICT SUPERVISOR** DATE **10/28/93**

CONDITIONS OF APPROVAL, IF ANY:

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT 1993

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

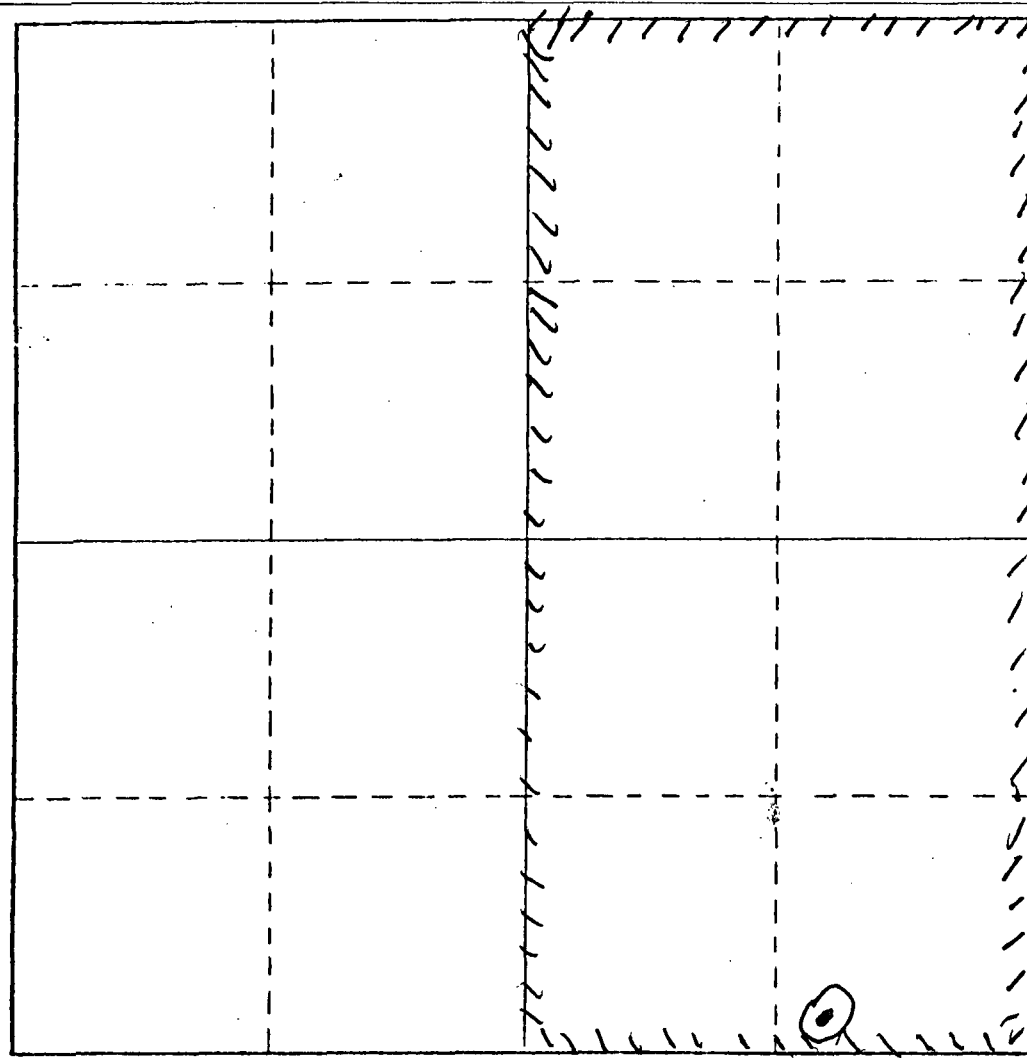
Operator <i>Rosette Inc</i>		Lease <i>Rosette State</i>		Well No. <i>1</i>	
Unit Letter <i>P</i>	Section <i>6</i>	Township <i>25 So.</i>	Range <i>19 E</i>	County <i>Hidalgo</i>	
Actual Footage Location of Well: <i>1050</i> feet from the <i>E.</i> line and <i>50</i> feet from the <i>South</i> line					
Ground Level Elev. <i>4250</i>	Producing Formation <i>Valley Fall</i>	Pool <i>Lightning Rock</i>	Dedicated Acreage: <i>313.59</i> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or machine 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.

*Dale Burgett*  
Name

Position  
*CEO*

Company  
*Rosette Inc*

Date  
*10/16/93*

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.

## OIL CONSERVATION DIVISION

#1

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form G-106  
Adopted 10-1-74  
Revised 10-1-78

## GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Operator Rosette Inc. Address P.O. Box 265 A Animas NM 88020  
 Lease Name State Well No. 1  
 Unit Letter P Sec. 6 Twp. 25S Rge 19W  
 Reservoir Lighting Dock County Hidalgo

Commenced drilling 10/30/93 GEOLOGICAL MARKERS DEPTH  
 Completed drilling 01/15/94 Top of Basalt (Red) 313'  
 Total depth 440' Plugged depth \_\_\_\_\_  
 Junk NONE  
 Commenced producing waiting on pump Geologic age at total depth: tertiary  
 (Date)

Date	Static test		Production Test Data								
	Shut-in well head		Total Mass Flow Data					Separator Data			
	Temp. °F	Pres. Psig.	Lbs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
	226°			226°	400	GPM	test				

## CASING RECORD (Present Hole)

Size of Hole	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seamless or Lapweld	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	Cement Top Determined By
12 1/4	8 5/8	32	J55	used	seamless	265	GL	60	circulate	circulate

## PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Was analysis of effluent made? NO Electrical log depths \_\_\_\_\_ Temperature log depths 226° F

## CERTIFICATION

I hereby certify that the information given above and the data and material attached hereto are true and complete to the best of my knowledge and belief.

Signed  Position CEO Date 01/31/94

## OIL CONSERVATION DIVISION

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Signed  Position CEO Date 01/31/94



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



October 21, 1993

BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

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

Rosette Inc.  
P. O. Box 265A  
Animas, New Mexico 88020

Attention: Dale Burgett

Re: \$2,000 One-Well Low-Temperature  
Thermal Well or Geothermal Observation Well Bond  
Rosette Inc., Operator  
Western Bank CD No. 5622  
GTR 303 Lease, Well No. 1, Unit P,  
Sec. 6, T-25-S, R-19-W  
Bond No. OCD-458

Dear Mr. Burgett:

The Oil Conservation Division hereby approves the above-referenced bond effective October 18, 1993.

It is our understanding that a surety bond will be forthcoming to replace this bond.

Sincerely,

A handwritten signature in cursive script, appearing to read "William J. Lemay".

WILLIAM J. LEMAY,  
Director

dr/

cc: Oil Conservation Division - Santa Fe  
Roy Johnson





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ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



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OIL CONSERVATION DIVISION



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P. O. BOX 2088

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form G-104  
Adopted 10-1-74  
Revised 10-1-78

OIL CONSERVATION DIVISION  
RECEIVED

CERTIFICATE OF COMPLIANCE  
AND AUTHORIZATION TO PRODUCE  
GEOTHERMAL RESOURCES

94 FEB 14 AM 8 35

OWNER OR OPERATOR

Name Rosette Inc.

Address P.O. Box 265 A Animas N.M. 88020

TYPE OF WELL

Geothermal Producer ☐

Low-Temperature Thermal ☒

Injection/Disposal ☐

REASON FOR FILING

New Well ☒ Recompletion ☐

Change in Ownership ☐ Designation of Purchaser ☐

Other (Please Explain) ☐

DESCRIPTION OF WELL

Lease Name Rosette Well No. 1 Name of Reservoir Lighting Dock

Kind of Lease (Fee, Fed. or State) State Lease Number GTR 303

LOCATION

Unit Letter P; 1050 feet from the East line and 50 feet from the South line of

Section 6 Township 25S Range 19W

County Hidalgo

TYPE OF PRODUCT

Dry Steam ☐ Steam and Water ☐ Low Temp. Thermal Water ☒ 226°F

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser To be used by operator

Address of Purchaser \_\_\_\_\_

Product Will Be Used For Space Heating

CERTIFICATE OF COMPLIANCE

I hereby certify that all rules and regulations concerning geothermal resources wells in the State of New Mexico, as promulgated by the Oil Conservation Division of New Mexico, have been complied with, with respect to the subject well, and that the information given above is true and complete to the best of my knowledge and belief.

Signed [Signature] Position CEO Date 1/31/94  
Approved [Signature] Position DISTRICT SUPERVISOR Date 2-18-94

## OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-104  
Adopted 10-1-74  
Revised 10-1-78STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

CERTIFICATE OF COMPLIANCE  
AND AUTHORIZATION TO PRODUCE  
GEOTHERMAL RESOURCES

## OWNER OR OPERATOR

Name Rosette Inc.Address P.O. Box 265 A Animas N.M. 88020

## TYPE OF WELL

Geothermal Producer ☐Low-Temperature Thermal ☒Injection/Disposal ☐

## REASON FOR FILING

New Well ☒ Recompletion ☐Change in Ownership ☐ Designation of Purchaser ☐Other (Please Explain) ☐

## DESCRIPTION OF WELL

Lease Name Rosette Well No. 1 Name of Reservoir Lighting DockKind of Lease (Fee, Fed. or State) State Lease Number GTR 303

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Signed *Del Burget* Position CEO Date 1/31/94

Approved \_\_\_\_\_ Position \_\_\_\_\_ Date \_\_\_\_\_

## OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-104  
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ENERGY AND MINERALS DEPARTMENT

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AND AUTHORIZATION TO PRODUCE  
GEOTHERMAL RESOURCES

## OWNER OR OPERATOR

Name Rosette Inc.Address P.O. Box 265 A Animas N.M. 88020

## TYPE OF WELL

Geothermal Producer ☐Low-Temperature Thermal ☒Injection/Disposal ☐

## REASON FOR FILING

New Well ☒ Recompletion ☐Change in Ownership ☐ Designation of Purchaser ☐Other (Please Explain) ☐

## DESCRIPTION OF WELL

Lease Name Rosette Well No. 1 Name of Reservoir Lighting DockKind of Lease (Fee, Fed. or State) State Lease Number GTR 303

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Signed *Del Burget* Position CEO Date 1/31/94

Approved \_\_\_\_\_ Position \_\_\_\_\_ Date \_\_\_\_\_

## OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-104  
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ENERGY AND MINERALS DEPARTMENT

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Signed *John Burger* Position CEO Date 1/31/94

Approved \_\_\_\_\_ Position \_\_\_\_\_ Date \_\_\_\_\_

GEOTHERMAL RESOURCES WELL LOG

Operator Rosette Inc.  
Address P.O. Box 265 A  
Reservoir Lighting Dock  
Lease Name Rosette Well No. 1 Unit Letter P  
Location: 1050 feet from the East line and 50 feet from the South line Section 6  
Township 25S Range 19W County Hidalgo

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of formation	Bottom of Formation				
0	313	313	Drilled		Gravel and Clay 1' to 3' thick
313	<del>400</del> 440	<del>87</del> 127	Drilled		Red Basalt Fractured very hard Water at 325' Very Fractured and 376' Very Fractured Temp. 226° F

Attach Additional Sheets if Necessary

This form must be accompanied by copies of electric logs, directional surveys, physical or chemical logs, water analyses, tests, and temperature surveys (See Rule 205).

CERTIFICATION

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Signed  Position CEO Date 1/31/94

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

November 17, 1993



BRUCE KING  
GOVERNOR

ANITA LOCKWOOD  
CABINET SECRETARY

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

Rosette, Inc.  
P. O. Box 265-A  
Animas, New Mexico 88020

Attention: Dale Burgett

Re: \$2,000 Single Well Cash Bond  
Rosette, Inc., Operator  
GTR 303 Lease Well No. 1  
Sec. 6, T-25-S, R-19-W  
OCD-458

Dear Mr. Burgett:

The Oil Conservation Division hereby approves cancellation of the above-referenced bond as the well covered by this bond is now covered by a multi-well bond.

Sincerely,

A handwritten signature in cursive script, reading "William J. Lemay".

WILLIAM J. LEMAY,  
Director

dr/

cc: Oil Conservation Division  
Santa Fe - Roy Johnson

Western Bank of Lordsburg  
P. O. Box 490  
Lordsburg, New Mexico 88045

# NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Rosette Incorporated  
PO Box 265A  
Animas, NM 88020

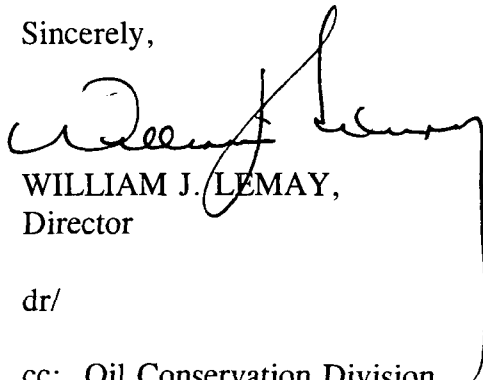
Attention: Jerry A. Malone

Re: \$10,000 Multiple Well Geothermal Bond  
Rosette Inc., Principal  
Redland Insurance Co., Surety  
Bond No. 1010809

Dear Mr. Malone:

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

Sincerely,



WILLIAM J. LEMAY,  
Director

dr/

cc: Oil Conservation Division  
Santa Fe (Roy Johnson)

Redland Insurance Co.