

**GTLT - \_\_\_\_\_ 3 \_\_\_\_\_**

**ROSETTE State No. 5**

**UL: E 5-25S-19W**

**Hidalgo County**

**DRILLED:**

**~11/12/1993**

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

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  
Rosette State

2. Name of Operator  
Rosette Inc.

9. Well No.  
Five

3. Address of Operator  
P.O. Box 265 A Animas, New Mexico 88020

10. Field and Pool, or Wildcat  
Lighting Dock

4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE  
AND 165 FEET FROM THE West LINE OF SEC. 5 TWP. 25 S RGE. 19 W NMPM

12. County  
Hidalgo

19. Proposed Depth  
500

19A. Formation  
Valley Fill

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
4250

21A. Kind & Status Plug. Bond  
Blanket Bond

21B. Drilling Contractor  
Self

22. Approx. Date Work will start  
10/20/93

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
9 7/8	8 5/8	32	200	50	dir

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 [Signature] Title CEO Date 11/11/93

(This space for State Use)

DISTRICT SUPERVISOR

11/24/93

TOTAL P. 02  
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form G-102  
Adopted 10-1-77  
Revised 10-1-77

### GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

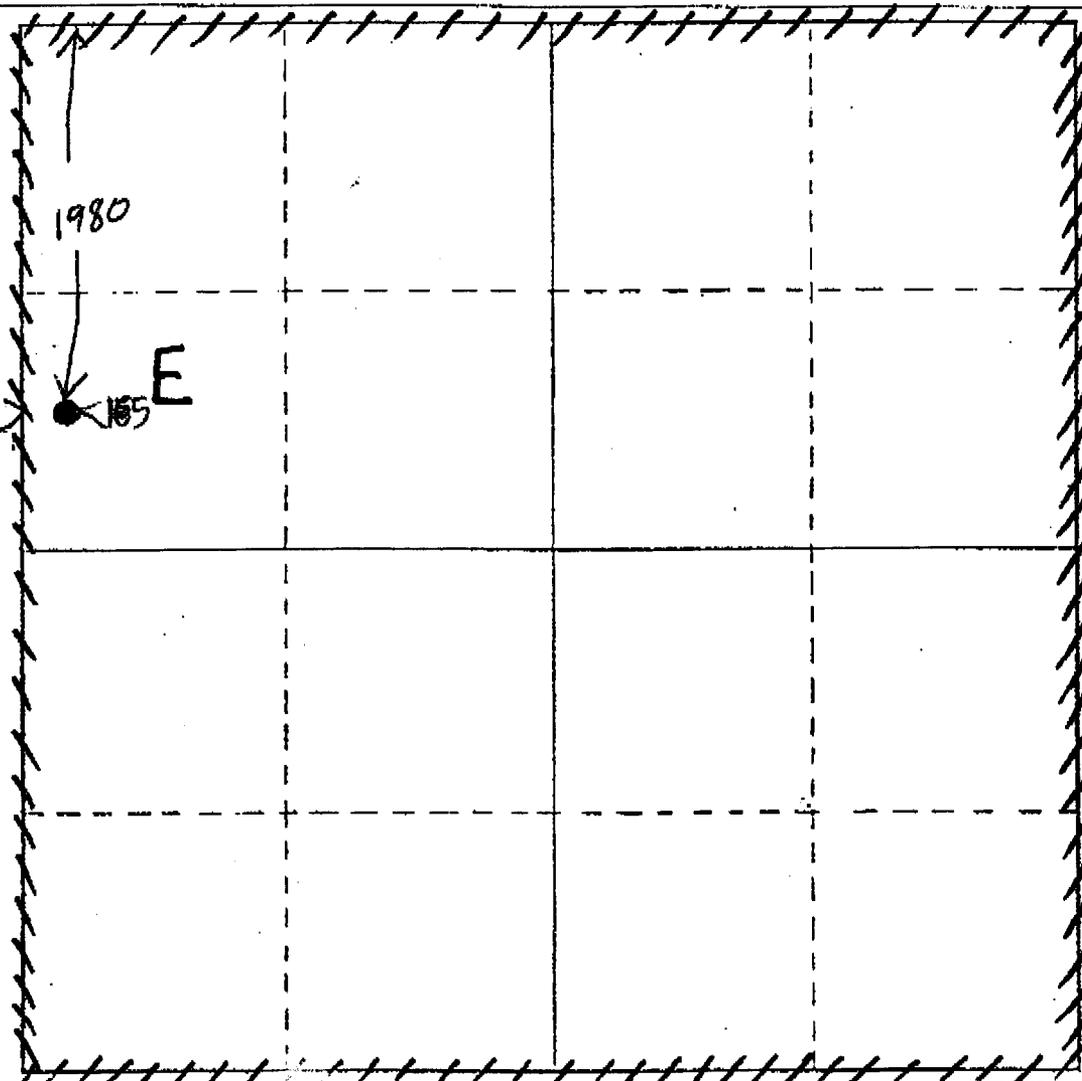
Operator <b>Rosette Inc.</b>		Lease <b>Rosette State</b>			Well No. <b>5</b>
Unit Letter <b>E</b>	Section <b>5</b>	Township <b>25 S</b>	Range <b>19 W</b>	County <b>Hidalgo</b>	
Actual Footage Location of Well: <b>1980</b> feet from the <b>North</b> line and <b>165</b> feet from the <b>West</b> line					
Ground Level Elev. <b>4250</b>	Producing Formation <b>Valley Fill</b>	Pool <b>Lighting Dock</b>	Dedicated Acreage: <b>313.59</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?

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.*

*[Signature]*  
Name  
*[Signature]*  
Position  
**CEO**  
Company  
**Rosette Inc.**  
Date  
**Nov 11, 1993**

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

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Adopted 10-1-78  
Revised 10-1-78

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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  
Rosette State

2. Name of Operator  
Rosette Inc.

9. Well No.  
Five

3. Address of Operator  
P.O. Box 265 A Animas, New Mexico 88020

10. Field and Pool, or Wildcat  
Lighting Dock

4. Location of Well    UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE  
AND 165 FEET FROM THE West LINE OF SEC. 5 TWP. 25 S RGE. 19 W NMPM

12. County  
Hidalgo

19. Proposed Depth 500	19A. Formation Valley Fill	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4250	21A. Kind & Status Plug. Bond <i>Blanket Bond</i>	21B. Drilling Contractor Self
		22. Approx. Date Work will start 10/20/93

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new product zone. Give blowout preventer program, if any.

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Signed *John Burges* Title CEO Date 11/11/93

(This space for State Use)

TOTAL P. 02  
STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION  
P. O. BOX 2048  
SANTA FE, NEW MEXICO 87501

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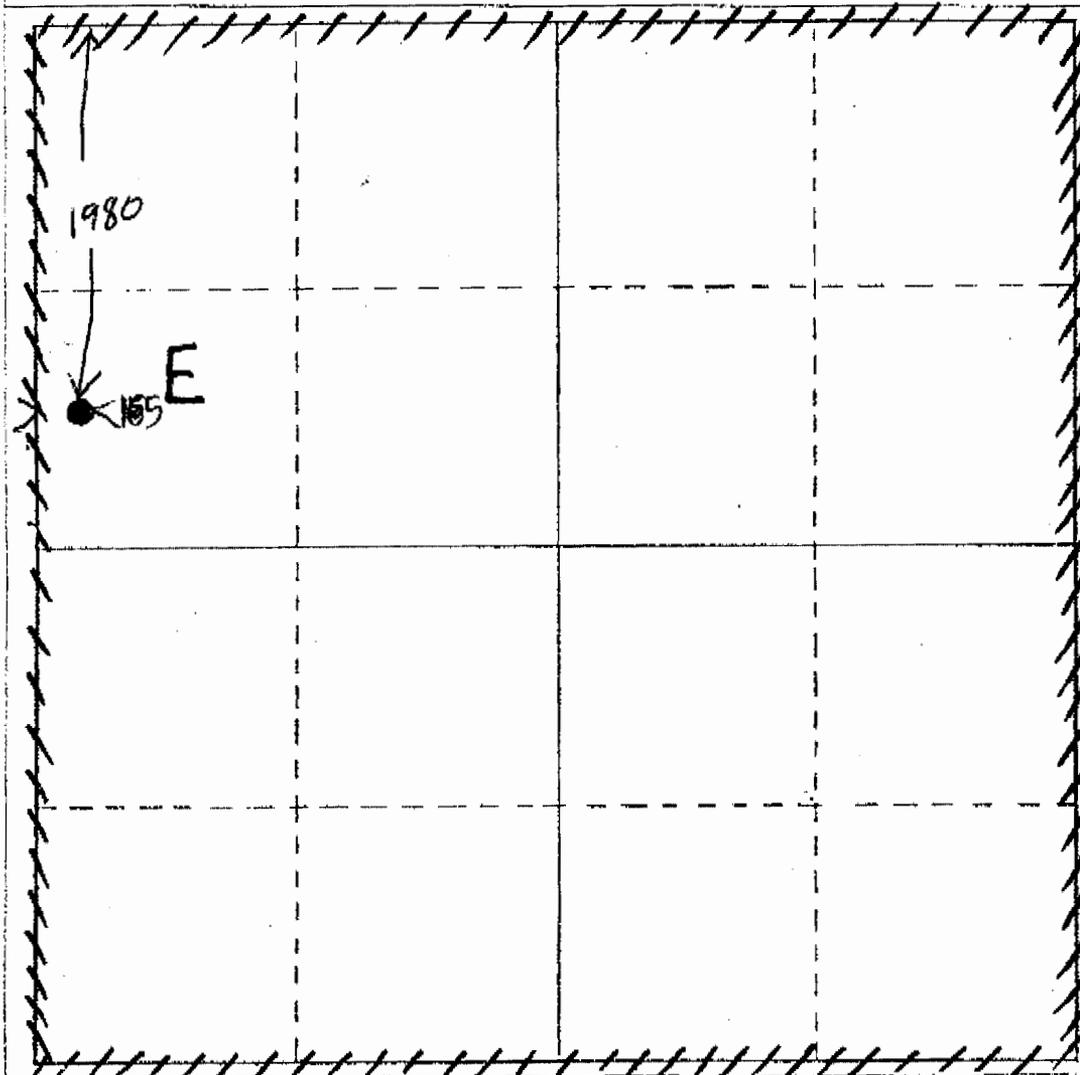
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*[Signature]*  
Name

*[Signature]*  
Position

CEO

Company  
**Rosette Inc.**

Date  
**Nov 11, 1993**

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Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.

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SANTA FE, NEW MEXICO 87501

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Revised 10-1-7

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Signed *John Berger* Title CEO Date 11/11/93

APPROVED BY *Ry E. Dhu* TITLE DISTRICT SUPERVISOR DATE 11/24/93

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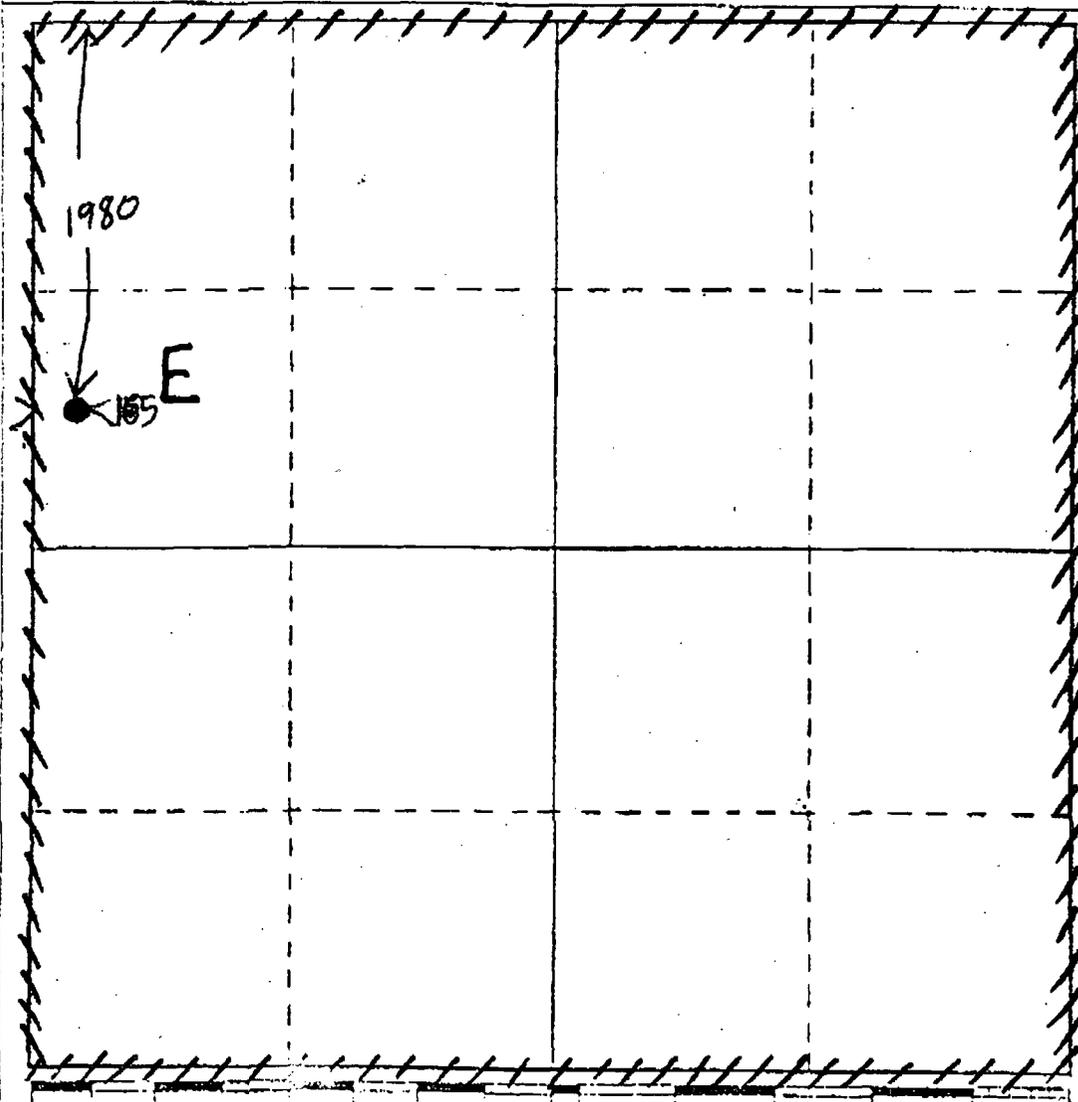
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Name *Dalburg*

Position *Dalburg*

Company **Rosette Inc.**

Date *Nov 11, 1993*

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Registered Professional Engineer and/or Land Surveyor \_\_\_\_\_

Certificate No. \_\_\_\_\_