

GTLT - _____3_____

ROSETTE No. 4
UL: P 6-25S-19W
Hidalgo County

DRILLED:
~11/23/1993

orig
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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File	
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

5.2 State Lease No.

GTR 303

7. Unit Agreement Name

8. Farm or Lease Name

Rosette

9. Well No.

4

10. Field and Pool, or Wildcat

Lighting Dock

11. County

Hidalgo

1a. Type of Work Drill ☒ Deepen ☐ Plug Back ☐

b. Type of Well Geothermal Producer ☐

Low-Temp Thermal ☒

Temp Observation ☐

Injection/Disposal ☐

2. Name of Operator

Rosette Inc.

3. Address of Operator

P.O. BOX 265 A, Animas, N.M. 88020

4. Location of Well

UNIT LETTER P LOCATED 800 FEET FROM THE East LINE

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

19. Proposed Depth

500

19A. Formation

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	cir

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

11/22/93

(This space for State Use)

APPROVED BY

TITLE

DATE

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

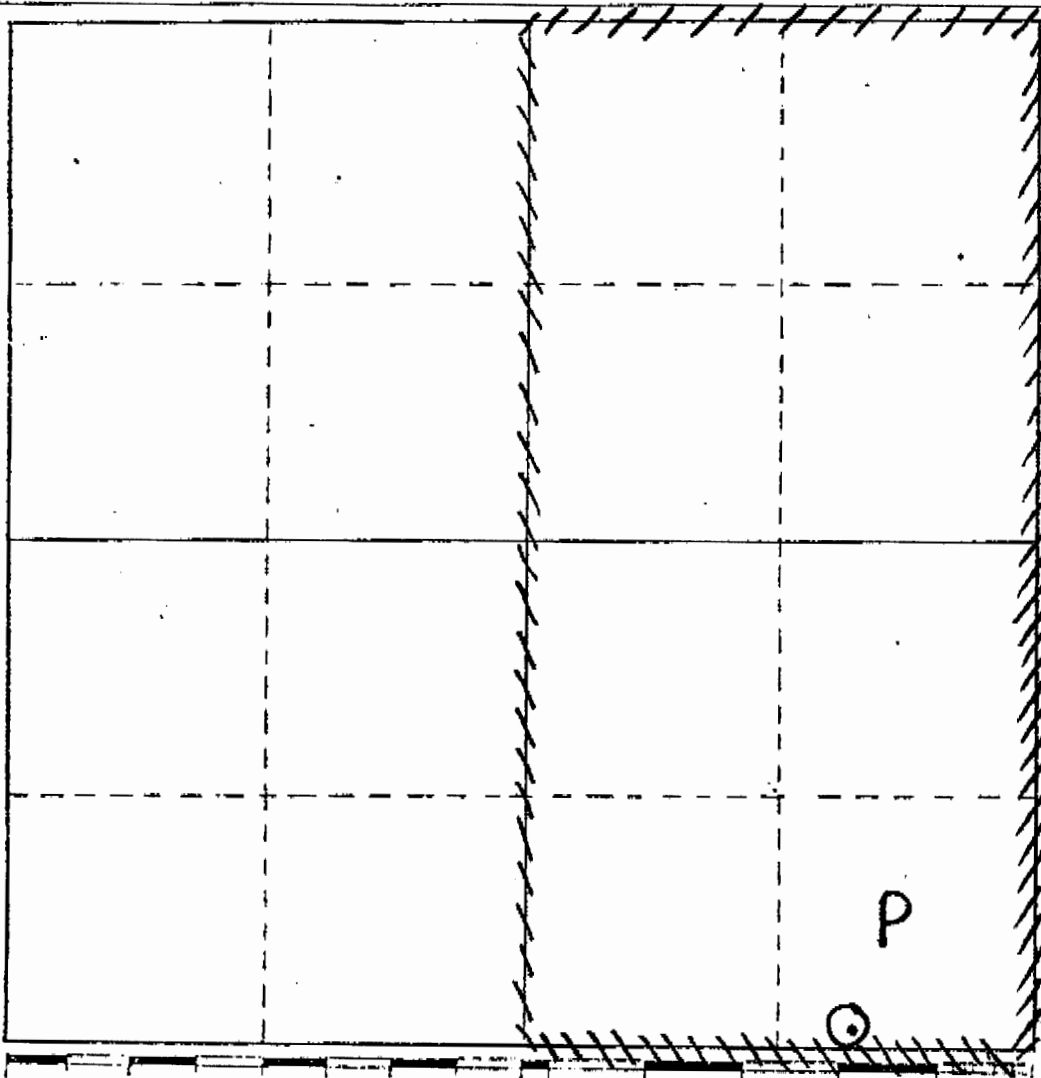
Operator Rosette Inc.		Lease Rosette State		Well No. 4	
Unit Letter P	Section 6	Township 25 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 800 feet from the East line and 50 feet from the North line					
Ground Level Elev. 4250	Producing Formation Valley Fill		Pool Lighting Dock		Dedicated Acreage: 313.59 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.

Jul Burget
Name

Position
CEO

Company
Rosette Inc.

Date
Nov 22/1993

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.



Mailed
10-1-96

STATE OF NEW MEXICO

STATE ENGINEER OFFICE
DEMING

THOMAS C. TURNEY
State Engineer

September 4, 1996

216 S. Silver
Post Office Box 844
Deming, New Mexico 88031
(505) 546-2851
(505) 546-7452
FAX: (505) 546-2290

FILE: Lordsburg Basin General

Roy Johnson
Supervisor, District 4
Oil Conservation Division
2040 Pacheco Street
Santa Fe, New Mexico 87505

Dear Mr. Johnson:

This office, researching existing wells in Sections 6 and 7, Township 25 South, Range 19 West, N.M.P.M., located three (3) geothermal wells of which this office has no record.

The three wells are located in the Lightning Dock Geothermal Field and Pool Area of Hidalgo County and two of the wells have posted signs as follows:

1. State #2
Unit P
SE $\frac{1}{4}$ SE $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 6 T 25
2. State #4
Unit P
SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 6
3. (No sign posted)

These three wells are located in Section 6 approximately 700 feet north of OCD Permitted Well SEA-1, State Lease GTR-304-1, Section 7, Township 25 South, Range 19 West, N.M.P.M. Please send this office any information your office may have pertaining to these three wells.

Thank you for your assistance.

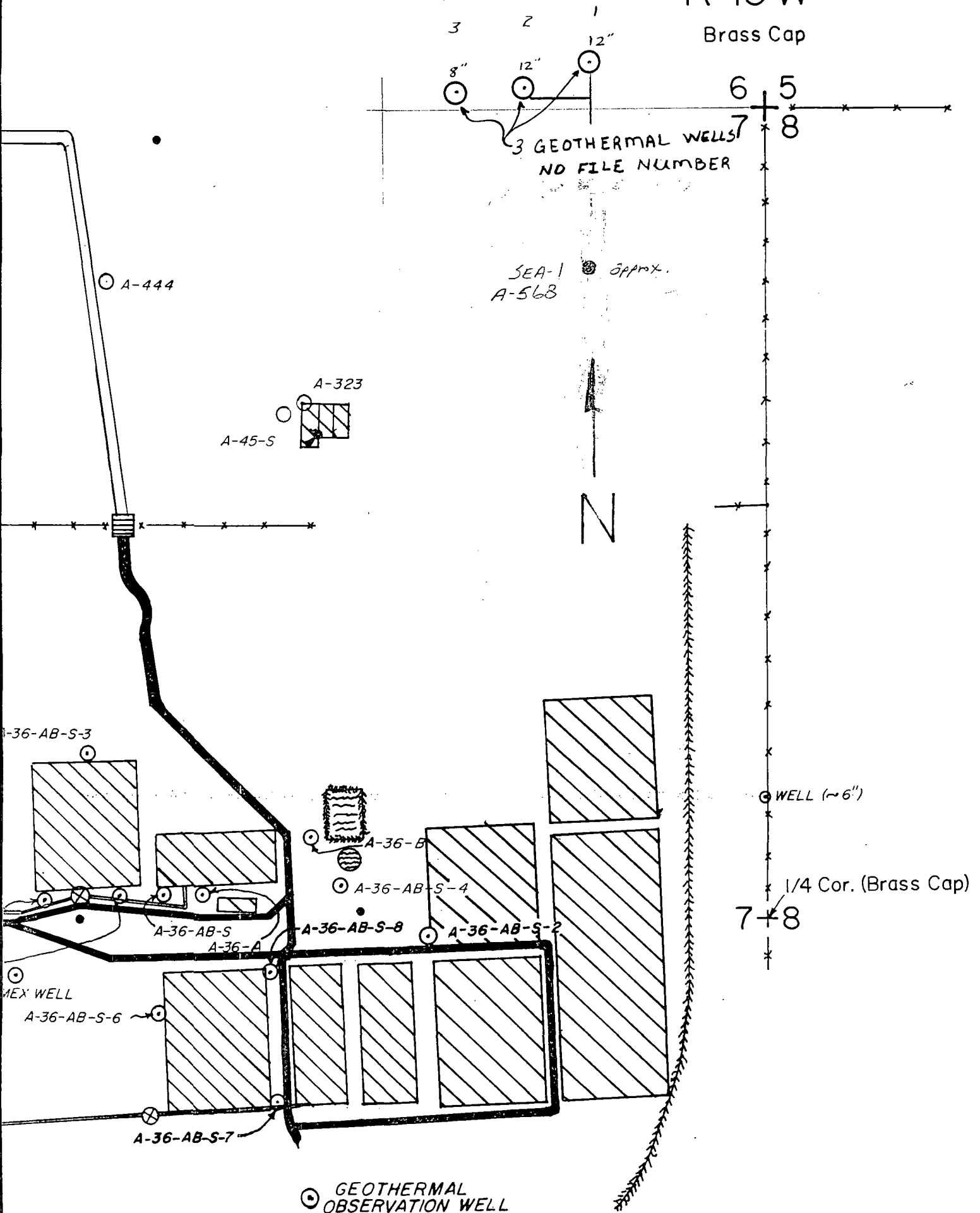
Sincerely,

R. Q. Rogers
Supervisor, District 3

By: 
Larry W. Lytle
Animas Basin Supervisor

LWL:jp
Encl: Map

Brass Cap



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

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

RECEIVED SANTA FE, NEW MEXICO 87501

OIL CONSERVATION DIVISION

RECEIVED

NOV 29 1993

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

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

5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE
5.a State Lease No.	GTR 303

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 type="checkbox"/> Low-Temp Thermal <input checked="" type="checkbox"/> Injection/Disposal <input type="checkbox"/>

7. Unit Agreement Name	
8. Farm or Lease Name	Rosette
9. Well No.	4

2. Name of Operator	Rosette Inc.
3. Address of Operator	P.O. BOX 265 A, Animas, N.M. 88020

10. Field and Pool, or Wildcat	Lighting Dock
--------------------------------	---------------

4. Location of Well	UNIT LETTER <u>P</u> LOCATED <u>800</u> FEET FROM THE <u>East</u> LINE <u>SOUTH</u> AND <u>50</u> FEET FROM THE <u>NORTH</u> LINE OF SEC. <u>6</u> TWP. <u>25</u> S RGE. <u>19</u> W NMPM
---------------------	---

12. County	Hidalgo
------------	---------

19. Proposed Depth	500	19A. Formation		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	cir

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 11/22/93
(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 12/1/93
CONDITIONS OF APPROVAL, IF ANY:

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

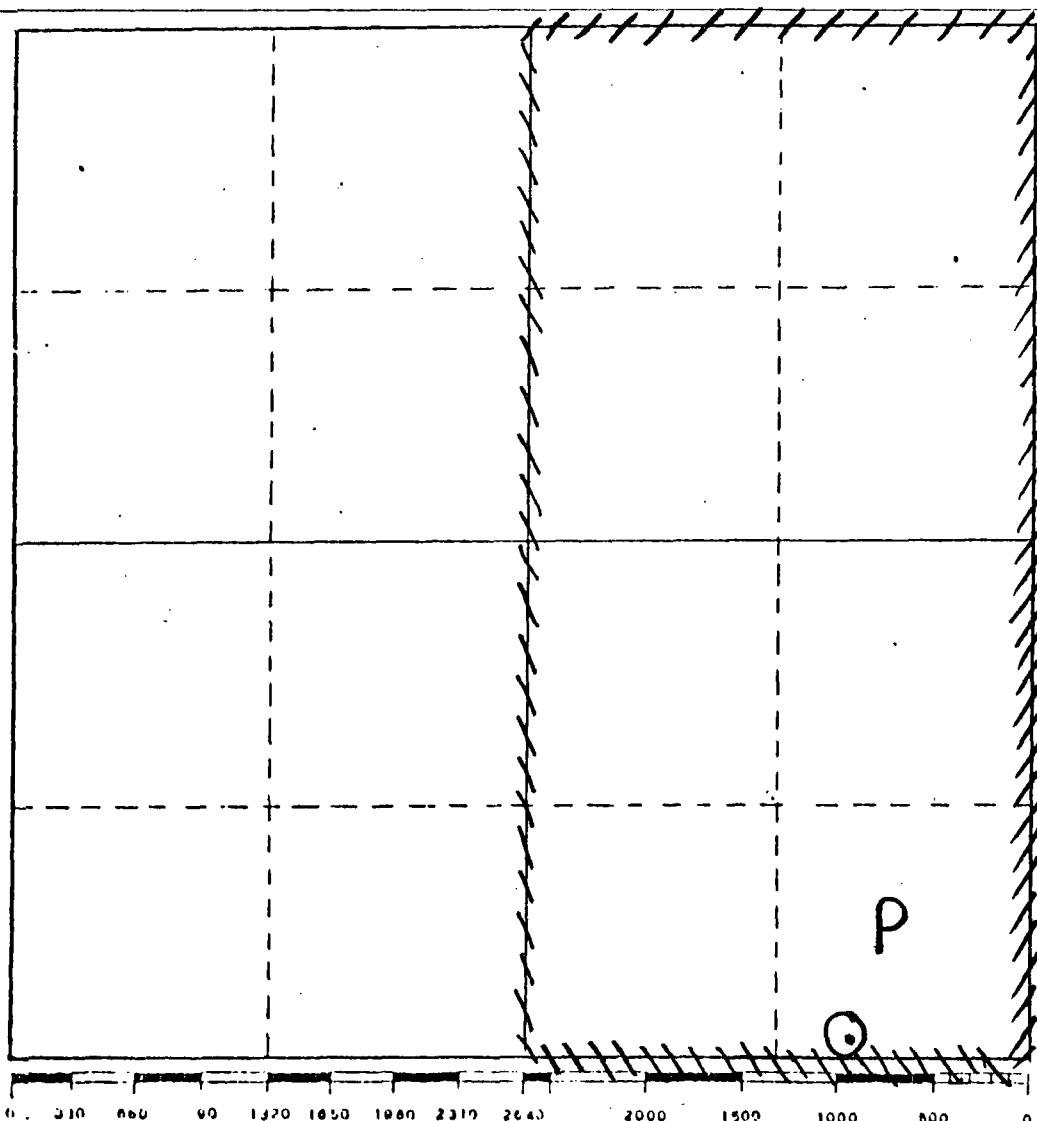
Operator Rosette Inc.		Lease Rosette State		Well No. 4	
Unit Letter P	Section 6	Township 25 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 800 feet from the East line and 50 feet from the North line					
Ground Level Elev. 4250	Producing Formation Valley Fill		Pool Lighting Dock	Dedicated Acreage: 313.59 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.

Dale Burgett
Name

Position

CEO

Company

Rosette Inc.

Date

Nov 22/1973

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

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

#4
Form G-104
Adopted 10-1-74
Revised 10-1-78
OIL CONSERVATION DIVISION
RECEIVED
94 FEB 18 AM 8 35

OWNER OR OPERATOR

Name Prosette Inc
Address PO Box 265A Animas NM 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 Prosette State Well No. 4 Name of Reservoir Lighting Docks
Kind of Lease (Fee, Fed. or State) State Lease Number 92TR 303

LOCATION

Unit P
Letter P; 800 feet from the East line and
50 feet from the South line of
Section 6 Township 25S Range 19W
County _____

TYPE OF PRODUCT

Dry _____ Steam and _____ Low Temp. _____
Steam _____ Water _____ Thermal Water ☒

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser 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 Dale Burget Position CEO Date 1/31/94
Approved Ry E. [Signature] Position DISTRICT SUPERVISOR Date 2/14/94

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Bosette Inc
Address PO Box 2654 Arimas NM 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 Bosette State Well No. 4 Name of Reservoir Lighting Rock
Kind of Lease State Lease Number QTR 303
(Fee, Fed. or State)

LOCATION

Unit P
Letter P; 800 feet from the East line and
50 feet from the South line of
Section 6 Township 25S Range 19W
County _____

TYPE OF PRODUCT

Dry _____ Steam and _____ Low Temp. _____
Steam _____ Water _____ Thermal Water ☒

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser 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 Dale Burget Position CEO Date 1/31/94
Approved _____ Position _____ Date _____

#4

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form G-104
Adopted 10-1-74
Revised 10-1-78CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name

Address

Bosette Inc
PO Box 265A Animas NM 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

Well

No.

Name of

Reservoir

Kind of Lease

(Fee, Fed. or State)

Lease

Number

Bosette State
State
4
Lighting Dock
2TR 303

LOCATION

Unit

Letter

Section

Section

County

P
800
50
East
South
25S
19W

TYPE OF PRODUCT

Dry

Steam

Steam and

Water

Low Temp.

Thermal Water

☒

DESIGNATION OF PURCHASER OF PRODUCT

Name of

Purchaser

Address of

Purchaser

Product Will

Be Used For

used by operator
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

Position

Date

Dale Burgett
CEO
1/31/94

Approved

Position

Date

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Bosette Inc
Address PO Box 2654 Animas NM 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 Bosette State Well No. 4 Name of Reservoir Lighting Rock
Kind of Lease State Lease Number QTR 303
(Fee, Fed. or State)

LOCATION

Unit P
Letter P; 800 feet from the East line and
50 feet from the South line of
Section 6 Township 25S Range 19W
County

TYPE OF PRODUCT

Dry _____ Steam and _____ Low Temp. _____
Steam _____ Water _____ Thermal Water ☒

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser 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 Dale Burget Position CEO Date 1/31/94
Approved _____ Position _____ Date _____

OIL CONSERVATION DIVISION

4

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 Bosette Inc Address PO Box 265A
 Lease Name Bosette State Well No. 4
 Unit Letter P Sec. 6 Twp. 25S Rge. 19W
 Reservoir Lightinga Wash County Hidalgo

Commenced drilling Nov 26, 1993Completed drilling Nov 30, 1993Total depth 440 Plugged depth _____

Junk _____

GEOLOGICAL MARKERS

DEPTH

Red Basalt 280Commenced producing Jan 1st 1994
(Date)Geologic age at total depth: Tertiary

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	
<u>12/5/93</u>	<u>Pump test 650.2 PM after 2 hours 222°F</u>											

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
<u>15 1/4"</u>	<u>12 3/4"</u>	<u>45</u>	<u>Lapweld</u>	<u>used</u>	<u>Lapweld</u>	<u>280</u>	<u>RL</u>	<u>160</u>	<u>Circulater</u>	

PERFORATED CASING

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

7 7/8" hole from 280' to TD open hole

Was analysis of effluent made? no will be sent later
 Electrical log depths _____ Temperature log depths _____

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 Don Burgett Position CEO Date 1/31/94

GEOHERMAL RESOURCES WELL SUMMARY REPORT

Operator Rosette State Address PO Box 265A
Lease Name Rosette State Well No. 4
Unit Letter P Sec. 6 Twp. 25S Rge 19W
Reservoir Lightinga Dosh County Hidalgo

Commenced drilling Nov 26, 1993 GEOLOGICAL MARKERS DEPTH
Completed drilling Nov 30, 1993 Red Basalt 280
Total depth 440 Plugged depth _____
Junk _____

Commenced producing Jan 1st 1994 (Date) Geologic age at total depth: Tertiary

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	
<u>12/5/93</u>												
	<u>Pump test 6:50 PM after 2 hours 222°F</u>											

CASING RECORD (Present 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
<u>12 3/4</u>	<u>45</u>	<u>Lapweld</u>	<u>used</u>	<u>Lapweld</u>	<u>280</u>	<u>92L</u>	<u>160</u>	<u>Circalot</u>	

PERFORATED CASING

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

7 7/8" hole from 280' to TD open hole

Was analysis of effluent made? no will be sent later Electrical log depths _____ Temperature log depths _____

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 Paul Burgess Position CEO Date 1/31/94

GEOHERMAL RESOURCES WELL SUMMARY REPORT

Operator Bosette Inc Address PO Box 265A
Lease Name Bosette State Well No. 4
Unit Letter P Sec. 6 Twp. 25S Rge 19W
Reservoir Lighting Rock County Hidalgo

Commenced drilling Nov 26, 1993

Completed drilling Nov 30, 1993

Total depth 440 Plugged depth _____

Junk _____

GEOLOGICAL MARKERS

DEPTH

Red Basalt 280

Commenced producing Jan 1st 1994
(Date)

Geologic age at total depth: Tertiary

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	
<u>12/5/93</u>	<u>Pump test 650.2 PM after 2 hours 222°F</u>											

CASING RECORD (Present 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 of Cement	Top of Cement	Cement Top Determined By
<u>12 3/4</u>	<u>45</u>	<u>Lapweld</u>	<u>used</u>	<u>Lapweld</u>	<u>280</u>	<u>RL</u>	<u>160</u>	<u>Circultr</u>	

PERFORATED CASING

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

7 7/8" hole from 280' to TD open hole

Was analysis of effluent made? no will be sent later
Electrical log depths _____ Temperature log depths _____

CERTIFICATION

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Signed Paul Burgess Position CEO Date 1/31/94

GEOHERMAL RESOURCES WELL SUMMARY REPORT.

Operator Rosette Inc Address PO Box 265A
Lease Name Rosette State Well No. 4
Unit Letter P Sec. 6 Twp. 25S Rge 19W
Reservoir Lightning Creek County Hidalgo

Commenced drilling Nov 26, 1993 GEOLOGICAL MARKERS Red Basalt DEPTH 280
Completed drilling Nov 30, 1993
Total depth 440 Plugged depth _____
Junk _____

Commenced producing Jan 1st, 1994 (Date) Geologic age at total depth: Tertiary

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	
<u>12/5/93</u>												
	<u>Pump test 650.2 PM after 2 hours 222°F</u>											

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
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PERFORATED CASING

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

7 7/8" hole from 280' to TD open hole

Was analysis of effluent made? no will be sent later Electrical log depths _____ Temperature log depths _____

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 Paul Burgess Position CEO Date 1/31/94

GEOHERMAL RESOURCES WELL LOG

Operator Rosette Inc.
Address PO Box 2654
Reservoir Lighting Rock
Lease Name Rosette State Well No. 4 Unit Letter P
Location: 800 feet from the East line and 50 feet from the South line Section 6
Township 25S Range 19W County _____

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	280	280	Drilled		Gravel with Grey Clay
280	440	160	Drilled		Red Basalt Very hard Fractured at 323 and 380 Still had red Basalt at 440 Temp 220° to 230° 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

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 Dale Burgett Position _____ Date _____

GEOHERMAL RESOURCES WELL LOG

Operator Rosette Inc.
Address PO Box 265A
Reservoir Lighting Jack
Lease Name Rosette State Well No. 4 Unit Letter P
Location: 800 feet from the East line and 50 feet from the South line Section 6
Township 25S Range 19W County _____

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of formation	Bottom of Formation				
0	280	280	Drilled		Gravel with Grey Clay
280	440	160	Drilled		Red Basalt Very hard Fractured at 323 and 380 Still had red basalt at 440 Temp 220° to 230° 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 Dale Burgett Position _____ Date _____

#4

OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-105
Adopted 10-1-74
Revised 10-1-78STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

GEOTHERMAL RESOURCES WELL LOG

Operator Rosette Inc.
 Address P.O. Box 2654
 Reservoir Lighting Rock
 Lease Name Rosette State Well No. 4 Unit Letter P
 Location: 800 feet from the East line and 50 feet from the South line Section 6
 Township 25S Range 19W County _____

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of formation	Bottom of Formation				
0	280	280	Drilled		Dravel with Grey Clay
280	440	160	Drilled		Red Basalt Very hard Fractured at 323 and 380 Still had red basalt at 440 Temp 220° to 230° 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

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 Paul Burgett Position _____ Date _____

#4

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-105
Adopted 10-1-74
Revised 10-1-78

GEOTHERMAL RESOURCES WELL LOG

Operator Rosette Inc.
Address PO Box 2654
Reservoir Lighting Rock
Lease Name Rosette State Well No. 4 Unit Letter P
Location: 800 feet from the East line and 50 feet from the South line Section 6
Township 25S Range 19W County _____

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	280	280	Drilled		Dravel with Grey Clay
280	440	160	Drilled		Red Basalt Very hard Fractured at 323 and 380 Still had red Basalt at 440 Temp 220° to 230° F

Attach Additional Sheets if Necessary

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CERTIFICATION

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