GTLT - ____3____

ROSETTE State No. 5 UL: E 5-25S-19W Hidalgo County

DRILLED: ~11/12/1993

STATE OF NEW MEXICO ENERGY AND MINERALS DEPAR	TMENT P. C	RVATION DIVISION 2. BOX 2015 NEW MEXICO 87501			Form G-101 Adapted 10-1-74 Revised 10-1-72
NO. OF COPIES RECEIVED],				
DISTRIBUTION				5. Indicate	Type of Lease
File	APPLICATION FOR	PERMIT TO DRILL, DEEP	EN.	STATE 🗓	
N.M.B.M.		THERMAL RESOURCES		5.a State Lo	ase No.
U.S.G.S.				GTR 3	303
Operator			Î	IIIIII	MMMM
Land Office					
la. Type of Work Drill	Deepen	Plug Back]	7. Unit Agre	ement Name
b. Type of Weil Geothermal	Producer	Temp Observation	,	8. Farm or t	ease Name
Low-Temp	Thermal 🕺	Injection/Disposal		Rosette	state .
2. Name of Operator				9. Well No.	
Rosette Inc.		· · · · ·		Five	
3. Address of Operator				10. Field and	d Pool, or Wildcat
P.O. Box 265	A Animas, New Mexi	co 88020		Light	ing Dock
	West line of sec. 5 TW		LINE	12. County	
				Hidal	10 <i>() </i>
http://www.com/		19. Proposed Depth	19A. Formatic	Alt Contraction of the local division of the	20. Rotary or C.T.
//////////////////////////////////////		500	Valley	Fill	Rotary
21. Elevations (Show whether DF, R) 4250	F, etc.) 21A. Kind & Status Plug.			22. Appro	x. Date Work will star 0/20/93

20

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF COMENT	EST. TOP
9 7/8	8 5/8	32	200	50	cir
		1			

\$

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new produzone. Give blowout preventer program, if any,

۰,

i hereby certify that the information above is true and complete to the best of my knowledge and belief. CEO ugned Title . Dure The space for State User DISTRICT SUPERVISOR 11/24/93

20'd

SO.9 JATOT MEXICO

OIL CONSERVATION DIVISION

Form G-102 Adopted 10-1-7 Revised 10-1-7

ENERGY AND MINERALS DEPARTMENT	P. Q. BQX 2025
	SANTA FE, NEW MEXICO 87301

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator			Lear		ies of the Section		Well No.	
Ros	sette Inc.		1	Rosett	e State			5
Unit Letter E	Section 5	Township 25 S		Kange · 19 W	County	н	lidalgo	
Actual Footage Lo 1980		North	line and	165	feet from the	West	line	
Ground Level Elev 4250		rmation .ley Fill	Pool		ng Dock		Dedicated Acreage: 313.59	Acres
2. If mor	e the acreage dedica e than one lease is yalty).	-					below. of (both as to work	ing inter

3. If more than one lease of different ownersip 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.

States a		//////	 <u> </u> 	11117	CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
and the second	1980 	 			Name CEO
No. of the second secon	₩165 ^C				Company Rosette Inc. Date Nov 1/1993
					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.
	<u>ka ana</u> ang	╋ ŀ ŀ ŀ ŀ			Date Surveyed Registerod Professional Engineer and/or Land Surveyor
		1 1 1 1 1 1 1 1 1 1		11111	Certificate No.

OIL CONSERVATION DIVISION Form G-101 STATE OF NEW MEXICO Adopted 10-1-74 P. O. 80X 2015 Revised 10-1-78 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501 NO, OF COPIES RECEIVED 5. Indicate Type of Lease DISTRIBUTION STATE 🖾 File APPLICATION FOR PERMIT TO DRILL, DEEPEN. FEE 5.a State Lease No. N.M.B.M **OR PLUG BACK---GEOTHERMAL RESOURCES WELL** GTR 303 U.S.G.S. Operator Land Office 7. Unit Agreement Name Υ.---Deepen Dr ill Plug Back la. Type of Work Temp Observation Geothermal Producer 8. Farm or Lease Name b. Type of Well Injection/Disposal Low-Temp Thermal Rosette State 9. Well No. 2. Name of Operator Five Rosette Inc. 10. Field and Pool, or Wildcat . 3. Address of Operator P.O. Box 265 A Animas, New Mexico 88020 Lighting Dock LOCATED 1980 FEET FROM THE NORTH 14. Location of Well E. UNIT LETTER _ LINE 165 FEET FROM THEWEST LINE OF SEC. 5 25 19 W -5 TWP. AND RGE NMPN 12. County Hidalgo 9. Proposed Depth 19A. Formation 20. Rotary or C.T. 500 Valley Fill Rotary 21. Elevations (Show whether DF, RT, etc.) 4250 21A. Kind & Status Plug. Blanket 130 21B. Drilling Contractor 22. Approx. Date Work will start 10/20/93 Şelf

20

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

٠,

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,

٠.

i hereby certify that the information above is true and complete to the best of my knowledge and belief. CEO vened Tille Dute

(This space for State Use)

Z0'd

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

50.9 JATOT

OIL CONSERVATION DIVISION P. Q. BOX 2015 SANTA FE, NEW MEXICO 87501

Form 6-102 Adopted 10-1-74 Revised 10-1-78

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section, Operator Loase Well No. 5 Rosette Inc. Rosette State Section Township Range County Unit Letter Hidalgo ·19 W 5 25 S Ε Actual Footage Location of Well: West North 165 1980 tine and feet from the line feet from the Dedicated Acreage: Ground Level Elev. Producing Formation Pool Lighting Dock 313.59 Valley Fill 4250 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 ownersip is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

If answer is "yes," type of consolidation_ \Box Yes \Box No

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.

X	11/1/11	11111	 + 	+++++++	CERTIFICATION
J					I hereby certify that the information
ſ					contained herein is true and complete to the best of my knowledge and ballef.
	1980				Jal Surger
					Name Name
1					Position
1	Kint	1			СЕО Сотралу
$\left\{ \right.$		1			Rosette Inc.
	•				Date Nov 11,1993
	in and da - bh Annahanst anns ann an an de dear anns an de dear anns an]			
		1			I hereby certify that the well location shown on this plat was plotted from field
]		1			notes of actual surveys made by me or
]		1		1 2	under my supervision, and that the same is true and correct to the best of my
	X .	1 }		1	knowledge and belief.
		<u>+</u>	= = = = ·_		•
					Date Surveyed
		2 2 1			Registered Professional Engineer and/or Land Surveyor
ļ	111111	+++++++		<u>111117</u>	Certificate No.

29

, iø.q	20	SI:SI	NHI 26-II-AC
STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMEN	OIL CONSERVATION DIVISION P. 0. 40X 2016 SANTA FE, NEW MEXICO 87501		Form G-107 Adapted 10-1-; Revised 10-1-;
NO, OF COPIES RECEIVED DISTRIBUTION File N.M.B.M. U.S.G.S. Operator Land Office	APPLICATION FOR PERMIT TO DRILL, DEEPI OR PLUG BACKGEOTHERMAL RESOURCES W		5. Indicate Type of Lease STATE E FE 5.a State Lease No. GTR 303
Ia. Type of Work Drill Drill		i	7. Unit Agreement Name 8. Farm or Lease Name ROBETTE State 9. Well No.
	Animas, New Mexico 88020	Line	Five 10. Field and Pool, or Wildcat Lighting Dock
AND 165 FEET FROM THEWEST	CLINE OF SEC. 5 TWP. 25 S RGE. 19 W		12. County Hidalgo
	19. Proposed Depth 500	19A. Formatic Valley	
21. Elevations (Show whether DF. RT, etc.) 4250	21A. Kind & Status Plug. Bond 21B. Drilling Contractor Blanket Bond Self		22. Approx. Date Work will st 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 pro-

۰.

i hereby certify that the information above is true and complete to the best of my knowledge and belief.	DUR 11/11/93
APPROVED BY THE TITLE	DATE 11/24/93

SANTA FE, NEW MEXICO 47501	-11-40
GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section. Querator Rosette Inc. Rosette State Unit tetter Section Township Range County E 5 25 S 19 W Hidalgo Actual Rootage Location of Well: 1980 feet from the North line and 165 feet from the West line 250 Valley Fill Lighting Dock 313.59 .	Form G-102 Adopted 10-1
Rosette Inc. Rosette State Unit Latter Section Township Itange County E 5 25 S 19 W Hidalgo Actual Footage Location of Well: 1980 feet from the North line and 165 feet from the West line 1980 feet from the North line and 165 feet from the West line 4250 Valley Fill Lighting Dock 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 wor and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been con communitization, unitization, force-pooling, etc? If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio CERTIFICATION	Revised 10+1
E 5 25 S 19 W Hidalgo Actual Footage Location of Well: 1980 feet from the North line and 165 feet from the West line Cround Level Elev. broducing Formation Pool Dedicated Acreage: 4250 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or liachure marks on the plat below. 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or liachure marks on the plat below. 16 if more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor and royalty). 3. If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been con 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 necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio CERTIFICATION CERTIFICATION	5
Actual Footage Location of Well: 1980 feet from the North line and 165 feet from the West line Ground Level Elev. Producing Formation foot Dedicated Acreage: 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or haching marks on the plat below. 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or haching marks on the plat below. 165 ine 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor and royalty). 3. If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been con communitization, unitization, force-pooling, etc? If 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 necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio CERTIFICATION CERTIFICATION	<u> </u>
Ground Level Elev. Woducing Formation Pool Dedicated Acreage: 4250 Valley Fill Lighting Dock 313.59 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 wor and royalty). 3. If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been con 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 necessary.) No No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio	
 Outline the acreage dedicated to the subject well by colored pencil or hachure 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 wor and royalty). If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been con 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 necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division 	
 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to wor and royalty). 3. If more than one lease of different ownersip is dedicated to the well, have the interests of all owners been concommunitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation	Acres
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 necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of necessary.) CERTIFICATION	
necessary.)No allowable will be assigned to the well until all interests have been consolidated (by communitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio	
forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Divisio	this form
	unitizatio m.
I hereby certify that the	1
1980 Name C	complete to
Position CEO Company Nov 1/19	nc. 193
I hereby certify that the w shown on this plat was plotte notes of actual surveys mad under my supervision, and th is true and correct to the knowledge and belief.	ed from field le by me o hat the some
Date Surveyed Registered Professional Engineer	
and/or Land Surveyor	-