GTLT - ____3___

ROSETTE No. 2 UL: P 6-25S-19W Hidalgo County

DRILLED: ~10/21/1993

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

NO. OF COPIES RECEIVED						
DISTRIBUTION					5. Indicate T	ype of Lease
File	APP	LICATION FOR PERM	IT TO DRILL DEEPE	N .	STATE	FEI
N,M,B,M,	i 1	.UG BACKGEOTHER		•	5.a State Lease	8 No.
U.S.G.S.					GTR 30	3
Operator						
Land Office	<u></u>					7]][]][]]
la. Type of Work Drill	X	Deepen	Plug Back 🔲		7. Unit Agreen	nent Name
	mai Producer 🔲		emp Observation ection/Disposal		8. Farm or Lea	ise Name
Low-Ten	np Thermal 📈				Rosett	e
2. Name of Operator Rosette Inc	C.				9. Well No. two	
3. Address of Operator					10. Field and F	Pool, or Wildcat
P.O. Box 20	65 A Animas	New Mexico 8	8020		Lightn	ing Dock
165 02		ATED 330 FEET F		LINE	12. County Hidalgo	
			19. Proposed Depth	19A. Formatio		O. Rotary or C.T.
				IYA. POFMATIC)n	-
21. Elevations (Show whether DF.	RT. etc.) 21A. Ki	nd & Stapus Plug. Bond	500 21B. Drilling Contractor		22. Approx.	Rotary Date Work will sta
4250	1 1 1	Cash	<u> Self</u>		10/	20/93
SIZE OF HOLE	SIZE OF CASING	PROPOSED CASING AND	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
9 7/8	8 5/8	32	200.		50	cir
· · · · · · · · · · · · · · · · · · ·	ļ	1	<u> </u>	1	L_	
	•					
	•					
_						
			•			
		•				
			•			
·		·	•			
IN ABOVE SPACE DESCRIBE PRO	POSED PROGRAM:	If proposal is to deepen o	r plug back, give data on :	present produc	tive zone and p	roposed new produ
cone. Give blowout preventer progra		mplete to the best of my l	snowledge and helief			
Jal Landas	All		D H		10/	1-1-12
igned of a Marior Vaga		Title C	EO MEDEMI LA	<u> </u>	wie 10/2	5/73
(This space for Si	ute Use					7
X 51	laken -	nictdic'	T SUPERVISO		11/0	-/93
APPROVED BY //9 (/	N JUN-	TITLE VIOLNIL	O WAI PILAIMA	<u></u> D	ATE _//	713
CONDITIONS OF APPROVAL,	ANY:				′	•

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION P. O. BOX 2055 SANTA FE, NEW MEXICO 87501

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

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances must be	from th	e outer boundarie	s of the Section	on.	•
Operator Rose	tte Inc.		Lease	Rosette	State		Well No.
	Section	Township	R	lange	County		
· P	6	25 S		19 E	I	Hidalgo	
Actual Footage Locat	ion of Well: 3 feet from the	Easť lin		500 165	feet from the	South	line
Ground Level Elev.	Producing Form		e and Pool	105	ieet from the		dicated Acreage:
4250	Valley		1	Lighting	Dock	}	313.59 Acres
1. Outline t	he acreage dedicate	ed to the subject well	by colo	red pencil or ha	chure marks	on the plat bel	ow.
2. If more of and royal		ledicated to the well,	outline	each and ident	ify the own	ership thereof (both as to working inter
		different ownersip is n, force-pooling, etc?	dedicate	ed to the well,	have the int	erests of all ow	mers been consolidated
☐ Yes	□ No If ans	swer is "yes," type of	consolid	dation			
If answer is necessary.) _	"no," list the own	ers and tract descript	ions wh	nich have actual	ly been con	solidated. (Use	reverse side of this form
		ed to the well unti- until a non-standard					nmunitization, unitization by the Division.
		\\////	111	//////	11112		
	1				7	1	CERTIFICATION
				· · · · · · · · · ·		contained he	ertify that the information erein is true and complete t my knowledge and belief.
	_ +		- 	 -	- - - - 1	Name Name	2
	1	*		1	1	Position CEO	surgen
1	 ·	,}		} 	X	Company	ette Inc.
	1	}		 	1	Date	ette ine.
	 				7	shown on th	rtify that the well locatio is plat was plotted from fiel ual surveys made by me c
	 			 - 	4	1	pervision, and that the sam correct to the best of m nd belief
	1 1			F		Date Surveyed	
		\$		1	€0 3	Registered Profe and/or Land Su	ssional Engineer rveyor
			HH	HHHH	FIFF	Certificate No.	
0. 310 060 9	0 1320 1650 1980	2319 2640 200	0 19	1000	500 p	Cermicate No.	

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

GEOTHERMAL RESOURCES

Adopted 10-1-74 Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION RECE VED

294 FE4 18 AM 8 35

Name Po Bo	L 265A anima	12 MM 8	8020
TYPE OF WELL Geothermal Producer []	Low-Temperature	Thermal 💢	Injectión/Disposal []
REASON FOR FILING New Well (X) Reco Change in Ownership [] Other (Please Explain)	ompletion [] Designation of Purchaser [] []		
DESCRIPTION OF WELL	Well No. — —	Name ofReservoir	lighting Dock
Kind of Lease (Fee, Fed. or State)	Lease Number	2TR 30	3
LOCATION Unit Letter ; 6 Section 6 County Hidae	feet from the fe	e South	line an
TYPE OF PRODUCT Dry Steam	Steam and Water	Low Te	emp. al Water
DESIGNATION OF PURC Name of Purchaser		-1	
Address of Purchaser	<i>O</i> *	····	
Product Will Be Used For	a heating		
CERTIFICATE OF COMPI	JANCE		
I hereby certify that all r promulgated by the Oil (JIANCE ales and regulations concerning geother Conservation Division of New Mexicon formation given above is true and con	o, have been complied	d with, with respect to the

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE GEOTHERMAL RESOURCES

OWNER OR OPERATOR	sette Inc.		
Address PO Boy	6 965A anim	as 71 880	20
TYPE OF WELL Geothermal Producer []	Low-Temperatur	e Thermal Ji	njection/Disposal []
REASON FOR FILING New Well Recom Change in Ownership [] Other (Please Explain)	pletion [] Designation of Purchaser [] []		
DESCRIPTION OF WELL	Well No	Name of Reservoir Lash	ting Jock
Kind of Lease (Fee, Fed. or State)	Lease Number	970 -00	
	feet from feet from Township 255	() L.	line and line of
TYPE OF PRODUCT Dry Steam	Steam andWater	Low TempThermal Water	
DESIGNATION OF PURCHA Name of Purchaser	ser of product log operator	2	
promulgated by the Oil Cor	s and regulations concerning geot aservation. Division of New Mex	hermal resources wells in the Statico, have been complied with, wo	with respect to the
Signed Dale U	Burgett	Position CEO	Dute 1/3//
Approved	<i></i>	Position	Date

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE **GEOTHERMAL RESOURCES**

OWNER OR OPERATOR	sette Inc.		
Address Po Bo	L 965A anim	12 MM 880	20
TYPE OF WELL Geothermal Producer []	Low-Temperature	Thermal Ir	jection/Disposal []
REASON FOR FILING New Well Record Change in Ownership [] Other (Please Explain)	npletion [] Designation of Purchaser [] []	•	·
DESCRIPTION OF WELL	Well No. 2	Name of Light Reservoir Light 27R 303	ting Dock
Kind of Lease (Fee, Fed. or State)	Lease Number	2TR 303	
165	feet from the	e South	line and
Section 6 County Hidal	Township 255	Range 19w	
TYPE OF PRODUCT			
Dry Steam	Steam and Water	Low Temp. Thermal Water	
DESIGNATION OF PURCH Name of Purchäser	Δ		
Address of Purchaser			
Product Will Be Used For	ce heating		
CERTIFICATE OF COMPL	ANCE		
promulgated by the Oil C	les and regulations concerning geother conservation. Division of New Mexic formation given above is true and con	o, have been complied with, v	ith respect to the
Signed Dale	Buryett	Position CEO	Dute
Approved		Position	Dute

P. O. BOX 2088

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

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE **GEOTHERMAL RESOURCES**

OWNER OR OPERATOR	sette Inc.		
Address Po Boy	(965A anima	2 MM 880	20
TYPE OF WELL Geothermal Producer []	Low-Teinperature Th		Injection/Disposal []
REASON FOR FILING New Well Recomp Change in Ownership [] Other (Please Explain)	pletion [] Designation of Purchaser [] []		
DESCRIPTION OF WELL Name State Kind of Lease (Fee, Fed. or State)	Well No. Lease Number	Name of James of Reservoir Light	ting Dock
LOCATION Unit Letter 7; 60	feet from the feet from the Township 255		line and
County Hidaly			
TYPE OF PRODUCT Dry Steam	Steam and Water	Low Temp. Thermal Water	
DESIGNATION OF PURCHA Name of Purchaser	<u> </u>	·	
Address of Purchaser Product Will	1 - T:		
CERTIFICATE OF COMPLIA	NCE NEW WORD	,	
promulgated by the Oil Con	s and regulations concerning geothern iscreation. Division of New Mexico, rmation given above is true and comp	have been complied with,	with respect to the
Signed Dale W	Burgett	Position CEO	Date _//3//9
Approved		Position	Dute

STATE OF NEW MEXICO . ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form G-106 Adopted 10-1-74 Revised 10-1-78

GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Lease Name Rogethe State Unit Letter Sec. Twp. Reservoir Lightling Sec. Twp. County Heading Commenced drilling Nov. 1913 GEOLOGICAL MARKERS DEPTH Rod Basalt 280' Total depth 562 Plugged depth Junk Static test Production Test Data Shut-in well head Total Mass Flow Data Temp. F Pres. Psig. Lbs/Hr Temp. F Pres. Psig. Enthalpy Orifice Water culti/Hr Steam Lbs/Hr Pres. Psig. Temp. FF Pumped a 1000 SPM Temp of States CASING RECORD (Present Hole) CASING RECORD (Present Hole) Casing Casing Casing Used Lapweld Shoe Casing Cement Coment Determined by Total Hash Ballel wash Japanele 280 BLL 1440 10'	Oper	ator	Ross	Meal	_^ ·				ress PD	B0026	5A		
County Heading More 1993 County Heading More 1993 County Heading More 1993 Geological Markens Depth Junk Commenced producing Marged depth Junk Static test Production Test Data Separator Data Separator Data Temp. 12 Pros. Psig. LibsiHe Temp. 12 Pres. Psig. Leathdry Onfice Water cutt/He Seem Libs/He Pres. Psig. Temp. 14 Rumped a 1000 IPM Temp of the Water cutt/He Seem Libs/He Pres. Psig. Temp. 15 CASING RECORD (Present Hole) CASING RECORD (Present Hole) Casing Commenced producing Marged	•	•	Ansi	11. 8	Pote					_			
Commenced drilling Nov. 1993 Competed drilling Nov. 1993 Competed drilling Nov. 1993 Commenced drilling Nov. 1993 Commenced producing Nov. 1993 Commenced producing Nov. 1993 Commenced producing Nov. 1993 Static test Static test Total Mass Flow Data Temp: I Pres. Psig. Lbs/llf Temp: I Pres. Psig. Enthalpy Orifice Water cut/llf Stoum Lbs/llf Pres. Psig. Temp: I Pres. Psig. Lbs/llf Pres. Psig. Temp. I Pres. Psig. Casing Cogfic. Casing Cogfic. Casing Cogfic. Casing Cogfic. Casing Used Lapweld 280 CASING RECORD (Present Hole) Casing Cogfic. Casing Used Lapweld 280 Casing Cogfic. Casing Used			P		Sec.	6	-			- Ra	19w	A	
Commenced drilling Nov. 1993 Red Grade Separator Data Static test Static test Shurin well head Total Mass Flow Data Temp. If Pres. Psip. Los/Hr Temp. IF Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Los/Hr Temp. If Pres. Psip. Los/Hr Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Los/Hr Temp. If Pres. Psip. Los/Hr Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Steam Lis/Hr Pres. Psip. Temp. If Pres. Psip. Eathalpy Ordice Water cut/Hr Pres. Psip. Eathalpy Ordice Water cu			link	tings	Dow			•		Hidal	ao-		
Completed drilling North 1933 Red Basalt 280 Total depth 562 Plugged depth Junk Static test Static test Static test Shut in well head Total Mass Flow Data Temp. 1º Pres. Psig. List/Hit Temp. 1º Pres. Psig. List/Hit Temp. 1º Pres. Psig. List/Hit Temp. 1º Pres. Psig. CASING RECORD (Present Hole) CASING RECORD (Present Hole) Casing Casing Casing Used Lapseld Shoe Casing Cement Cement Determined by Hole to Tay 45 th Apall Mass Lapseld Shoe Casing Cement Cement The Hole to Tay 440 Per Pres. Psig. PERFORATED CASING Size to the total depth: 22th tay 24 Fee. Psig. Temp. 1º Pres. Psi			1		<u></u>					-	<i>J</i>		
Total depth 562 Mugged depth Junk Nature Commenced producing Alady the Broduce Geologic age at total depth: Detritory (Date) Static test Froduction Test Data Separator Data Total Mass Flow Data Temp. 1 Pres. Psig. Lbs/Hr Temp. 2 Data Temp. 1 Pres. Psig. Lbs/Hr Temp. 2 Data Pumped a 1000 SPM Temp after 2 Lbs 2 Lf Pumped a 1000 SPM Temp after 2 Lbs 2 Lf CASING RECORD (Present Hole) CASING RECORD (Present Hole) Casing Casing Casing Used Lapweld Shoe Casing Cement Cement Determined By The Casing Casing Casing Used Lapweld Shoe Casing Cement Cement Determined By The Casing							·		0 1	<u> </u>		DEPTH	
Commenced producing Present to Product Geologic age at total depth: Determined to Production Test Data Static test Shut-in well head Total Mass Flow Data Temp. IF Pres. Psig. Libs/life Temp. IF Pres. Psig. Enthalpy Orifice Water cuft/life Steam Libs/life Pres. Psig. Temp. IF Pres. Psig. Libs/life Temp. IF Pres. Psig. Enthalpy Orifice Water cuft/life Steam Libs/life Pres. Psig. Temp. IF Pres. Psig. Temp. IF CASING RECORD (Present Hole) CASING RECORD (Present Hole) Casing Casing Used Lapweld Shoe Casing General Command Determined By Total Mass Flow Data Press Psig. Enthalpy Orifice Water cuft/life Steam Libs/life Pres. Psig. Temp. IF Casing Casing Used Lapweld Shoe Casing Caseks Of Sacks Of Sacks Temp. II Total Mass I Spandle 28 0 21 140 10° PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made No Electrical log depths				05	197	3			nis	BASAG		-00	
Commenced producing Production Test Data Static test Shut-in well head Total Mass Flow Data Temp. F Pres. Psig. Lbs/Hr Temp. F Pres. Psig. Eathalpy Orifice Water cutt/Hr Steam Lbs/Hr Pres. Psig. Temp. F P	Total	depth	562	Plugge	d depth _					· · · · · · · · · · · · · · · · · · ·			
Static test Shut-in well head Total Mass Flow Data Separator Data Temp. *F Pres. Psig. Lbs/Ht Temp. *F Pres. Psig. Enthalpy Orifice Water cutf/Hr Steam Lbs/Hr Pres. Psig. Temp. *F ### Pres. Psig. Lbs/Ht Temp. *F Pres. Psig. Enthalpy Orifice Water cutf/Hr Steam Lbs/Hr Pres. Psig. Temp. *F #### Casing Casing Casing Orifice Water cutf/Hr Steam Lbs/Hr Pres. Psig. Temp. *F ###################################	Junk	m	one										
Shut-in well head Total Mass Flow Data Separator Data Temp. 'F Pres. Psig. Lbs/Hr Temp. 'F Pres. Psig. Eathalpy Orifice Water cuft/Hr Steam Lbs/Hr Pres. Psig. Temp. 'F Pres.	Com	menced pro	ducing	ZLAO (Date)	ly.	to f)	rodu	u	Geologic	age at total depth	Derti	ary	
Temp. IF Pres. Psig. Lbs/Hr Temp. IF Pres. Psig. Enthalpy Orifice Water cutt/Hr Steam Lbs/Hr Pres. Psig. Temp. IF Pres. Psig. Temp. IF Pres. Psig. Temp. II Pres. II Pres. Psig. Temp. II Pres.		Sta	atic test		-			Pi	roduction Te	st Data			
CASING RECORD (Present Hole) CASING CASING CASING CASING CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) CASING RECORD (Present Hole) CAS	ate	Shut-i	n well head	d		Total	Mass Flow	Data			Separato	r Data	
CASING RECORD (Present Hole) Casing Record (Present Hole) Casing Casing Casing Used Lapweld Shoe Casing Cement C		Temp. 'l	Pres. P	sig. Lbs	s/Hr 1	Гетр. •F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
CASING RECORD (Present Hole) Casing Record (Present Hole) Casing Casing Casing Used Lapweld Shoe Casing Cement C	ilic	wat	1 Ten	el so	Ten	na 2	20 %	224	4	:			
CASING RECORD (Present Hole) Casing	אין	0			000	ej p	mT		alter	o has	2240	F	
CASING RECORD (Present Hole) The Size Weight Grade New Seamless Depth Top Number of Sacks of Determined By Top of Sacks of Casing Casing Casing Used Lapweld Shoe Casing Cement Cement Determined By The Late to the Hole open And Determined By PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? To Electrical log depths Temperature log depths 224°		T.M	ne	_ a /			11/4	777	yus			/	
CASING RECORD (Present Hole) The Size Weight Grade New Seamless Depth Top Number of Sacks of Determined By Top of Sacks of Casing Casing Casing Used Lapweld Shoe Casing Cement Cement Determined By The Late to the Hole open And Determined By PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? To Electrical log depths Temperature log depths 224°													
CASING RECORD (Present Hole) The Size Weight Grade New Seamless Depth Top Number of Sacks of Determined By Top of Sacks of Casing Casing Casing Used Lapweld Shoe Casing Cement Cement Determined By The Late to the Hole open And Determined By PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? To Electrical log depths Temperature log depths 224°		-	-					_		-			
Size Size Weight Grade of Of Of Of Of Of Of Sacks Of Of Sacks Cement Cement Top Of Casing Csg/ft. Casing Used Lapweld Shoe Casing Cement Cement Determined By 124 45 ff Japkel used Japach 280 24 140 10 134 46 to 10 PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? No Electrical log depths			<u> </u>										
Size Size Weight Grade of Of Of Of Of Of Of Sacks Of Of Sacks Cement Cement Top Of Casing Csg/ft. Casing Used Lapweld Shoe Casing Cement Cement Determined By 124 45 ff Japkel used Japach 280 24 140 10 134 46 to 10 PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? No Electrical log depths													
le Casing of Casing of Casing of Or Or Or Or Of Of Of Of Of Casing Cement Cement Determined By 124 45th Japlid used Lapweld 280 21 140 10 While the total 440 open food of Casing Cement Cement Determined By PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? No Electrical log depths					•	CA	ASING RE	CORD (Pre	esent Hole)	•			
le Casing Casing Used Lapweld Shoe Casing Cement Determined By 123 45th Japkil used Japuil 280 24 140 10' 14 bole to to 440 open Sole PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? No Electrical log depths	ze	1		1		-	- 1		•			Cem	ent Top
Was analysis of effluent made? No Electrical log depths Temperature log depths	le											3	-
Was analysis of effluent made? No Electrical log depths Temperature log depths	11	123	- 45/	Jan Wall	used	Lan	well	280	21	140	10'		
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? Mo Electrical log depths Temperature log depths 224°	2/4	110	1- 11	111/12	0	PAGE	1	P	70				
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? Mo Electrical log depths Temperature log depths 224°	8		NA I O	770		ien	-110					<u> </u>	
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? Mo Electrical log depths Temperature log depths 224°	4	hole	to 1	\mathcal{D}					· · · · · · · · · · · · · · · · · · ·				
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.) Was analysis of effluent made? Mo Electrical log depths Temperature log depths 224°				<u> </u>		l	PERFO	RATED CA	.SING				
			•	(Size	top, bott	om, perfor				ration and method	i.)		
									•				
										**			
	 ,											_	
CERTIFICATION	Was a	natysis of e	ffluent mad	no	 Electrical	log depths		•		_ Temperature log	depths 2	240	
CERTIFICATION		<u> </u>		201									
		CERT	HEICATIC	NIC									

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.

Position <u>EO</u>

STATE OF NEW MEXICO . ENERGY AND MINERALS DEPARTMENT

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

Form G-106 Adopted 10-1-74 Revised 10-1-78

GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Lea Uni	erator se Name t Letter ervoir	Rose	ting,	Pari Sec. Doz		T	wp	No. 2	Box 26 	5A 919w				
Com		ng 71 562	LOV.	199	33			0 .	Brade	<i>+</i> 2	_{ВО}			
Com	menced pro	ducing	(Date)	ly	tof	rodu	·	Geologic	age at total depth	Derti	ary			
		n weil head	d	 	Total	Mass Flow	Data	<u> </u>						
ate	Temp1-	Pres. P	siv I t	s/Hr	Temp. •F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp, •F		
./	,				Temp. 7	1103. 1316.	224	Office	. water curryin	Steam Ensym	11c3. 13ig.	remp. 1		
לוךי <i>ו</i>	Pur	nged	a/	000	ng 1	n Te	mp	after	2 hrs	2240	F			
-														
			r i			ASING REC				T ~				
ze le	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seam or Lapw		Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	I	ent Top mined By		
~ // 2	123	45/	Japkel	used	Tap	well :	280	21	140	10'				
1/211	Hole	tota	440	0	pen	- hol	e	·						
: 31	holi	to	TO											
7		•				DEDEOD	ATED CA	CINC						
		-	(Siz	e, top, bott	om, perfoi				ration and method	1.)				
								•						
Was :	analysis of ef	ffluent mad	ez no	Electrical	log depths	i	·.		Temperature log	depths 2	240			
		TFICATIO									,			
	l here	by certify	that the in	iformatio	n given al	bove and th	ne data and	l material at	tached hereto a	re true and co	mplete to th	10		

best of my knowledge and belief.

P. O. BOX 2088

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

Form G-106 Adopted 10-1-74 Revised 10-1-78

GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Оре	erator	Bos	ethe	Don			Add	Iress PO	B0/26	5A		
Lea	se Name_	Rose	the S	late				No	•			
	t Letter _	P		Sec	for the second			255	Rg	919w	^	
Res	ervoir 🕏	ligh	ting	Doz	k_		Cou	nty	Hedal	go-		
			lov.		_				GICAL MARKERS		DEPTH	
		_	05	• •				MA	Basalt		80	
Tota	depth	562	Plugį	ged depth _			 					
Junk	$ \Omega$	En										
						0.					,	
Com	menced pro	oducing	(Date)	dy.	so V	rodu	u	Geologic	age at total depth	Zerli	ary	
	St	atic test					Pı	oduction Te	st Data			•
ate	Shu t-	in well hea	d		Total	Mass Flow	Data			Separato	r Data	
,	Temp.	F Pres. F	'sig. Li	bs/Hr T	ľemp. •F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. •F
1/15	wat	the Las	relas	Ten	na 2	20%	224	,				
	1	nges	8	1000	PP	m T	ma	altes	2 hrs	2240	F	·
	0,00											
								•				
	+	<u> </u>							+			
	l-,				C	ASING RE	CORD (Pre	sent Hole)	•			I
ze	Size	Weight	Grade	New	Seam		Depth	Top	Number	Top	Cem	ent Top
le	of Casing	of Csg/ft.	of Casing	or Use d	or Lapw	I	of Shoe	of Casing	of Sacks Cement	of Cement	t	mined By
111	123	45/	Jan Well	used	Lio	well.	280	24	140	10'		
7/11	Mal	Teta	ult	0	ren	Box	P		· ·			
71	111		7-70			-100						
4	nou	10-1	ν									
		I	40:		l		RATED CA					
		•	(512	e, top, botto	om, perior	rated interva	is, size and si		ration and method	1.)		
Was	malueis of s	ffluant mad	سسير مدرده	- Electrical	log danthe		·.		_ Temperature log	denths 2	240	
•• 35 :	marysis of t	тиси пао	~ / · / · / · · ·	imetrical	ng ucpins				_ remperature tog	ar prins		
	CER	FIFICATIO	NC									

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.

P. O. BOX 2088

Form G-106 Adopted 10-1-74 Revised 10-1-78

STATE OF NEW MEXICO . ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

		<i>a</i> .	A	GEOTE /	HERMAL HESC				و			
Оре	rator	Do	elle o	m	<u> </u>	Add	iress PQ	Box 26	5A_			
		dos	Me .	State			No	<u> </u>				
	Letter _	1	de	Sec	p-		255	n Rg	919w			
Hese	rvoir 🧳	ugi	ving	1402		Cou	nty	Hudal	go —			
Comi	menced dri	illing	lov.		3		0 1	GICAL MARKERS		DEPTH		
Comj	pleted drill	ing	los	199	3		Red	Basalt		80		
Total	depth	562	Plug	ged depth	·							
Junk	-m	m		,						·	1:3	
Com	menced pro	oducing	Nea (Date)		to frod	uce	Geologic	age at total depth	Derte	ary		
	St	atic test				Pi	oduction Te	st Data				
te	Shut-	in well hea	ad		Total Mass FI	low Data	a Separator Data					
	Temp.	F Pres.	Psig. 1	.bs/Hr T	emp. •F Pres. Pr	sig. Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. •F	
15	wat	in In	rel 90	Ten	no 220	6 224	<u>, </u>	<u> </u>			<u> </u>	
	Pw	mper	la.	1000 %	ELPM,	Temp	after	2 hrs	2240	F		
		1					·	<u> </u>	,		·	
								-				
							<u> </u>	_				
 -		T	7 3 -	7 		RECORD (Pre		Number	77			
•	Size of	Weight	Grade of	New or	Seamless or	Depth of	Top of Cosing	Number of Sacks Cement	Top of Cement	1	ent Top mined By	
• 11	Casing 123	Csg/ft.	Casing Lapka	Used U used	Lapweld Lawdl	280	22L	140	10'			
11	Hol.	toto	44	0	en_ B	de						
3"	11	-/-										
4	"10 U	No-										
_			(Si	ize, ton, botto		FORATED CA		ration and method	1.)			
												
						···-		·				
Vas a	nalysis of e	effluent mac	le?no	 Electrical lo	og depths	·		_ Temperature log	depths 2	240		
					. —		-	-		,		
	CER	TIFICATI	UN									
	l her	eby certify	y that the	information	given above an	d the data and	d material at	tached hereto a	re true and cor	mplete to th	: €	

best of my knowledge and belief.

#2

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 Form G-105 Adopted 10-1-74 Revised 10-1-78

GEOTHERMAL RESOURCES WELL LOG

Address	Operator Brosette In
Lease Name Bosette State Well No. 2 Unit Letter Decation: Well No. 2 Unit Letter Decation: Unit Decation:	
Location:	Reservoir Lighting York
Location:feet from theline and	Lease Name
	Location: 600 feet from the East line and
	feet from the South line Section 6
Township 255 Range 7 W County	Township 255 Range 7 W County

FORMATIONS PENETRATED BY WELL

Top of	H TO Bottom of	Thickness	Drilled or Cored	Recovery	DESCRIPTION
Formation	Formation				
O	280	280	Dilled		Gravel with Clay Tawyers Some Gravel very loose
					Some Gravel very loose
280	5/5	235	Drilled	,	Red Basalt Very Hard
					Red Basalt Very Hard fractured 325 and 375
515	562	48	Drilled	,	Very loose Gravel
	,	· .			
				,	·

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 Salekswaft	Position CEO	Date //3/	1/94
		7	

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 Brosette Dine
Address PO Bish 265A Animas MM 88020
Reservoir Lighting Joseph
Lease Name Well No. 2 Unit Letter
Location: feet from the line and
Township 25 g Range 1914 County

FORMATIONS PENETRATED BY WELL

DEPT	н то	Thistories	Drilled or		DECOGLETION		
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION		
Ö	280	280	Drilled		Gravel with clay Jawyers. Some Gravel very loose		
280	5/5	235	Drilled		Red Basalt Very Hard fractured 325 and 375		
515	562	48	Drilled		Very loose Dravel		

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 Valekurgett Position ED Date 1/31/94

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

GEOTHERMAL RESOURCES WELL LOG

Operator Assetts	Don-	·	
	2154 1	rimas n	m 8802-0
Address for Sugar	2011	umus 11	11/880-10
Reservoir Lighton	g docto		
Lease Name	2 State		_Unit Letter
Location: 600	feet, from	the East	line and
165	feet from the	Thline Section	_6
Township 255	Range	191 Cou	nty

FORMATIONS PENETRATED BY WELL

DEPT	н то	Thickness	Drilled or		
Top of Formation	Bottom of Formation	Inickness	Cored	Recovery	DESCRIPTION
Ö	280	280	Drilled		Gravel with clay Jawyers Some Gravel very loose
2_80	5/5	235	Drilled		Red Basalt Very Hard fractured 325 and 375
515	562	48	Drilled		Very loose Dravel
				·	·

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 Valekury Position EO Date 1/31/94

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 Brosette Inc
Address PO Bush 265A Mimus MM 88020
Reservoir Lighting York
Lease Name
Location: 600 feet from the East line and
Township 255 Range 19W County

FORMATIONS PENETRATED BY WELL

DEPT	DEPTH TO		Drilled or	D	
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION
O	280	280	Dilled		Gravel with Clay Tawyers Some Gravel very loose
280	5/5	235	Drilled		Red Basalt Very Hard fractured 325 and 375
515	562	48	Filled		fractured 325 and 375 Very loose Dravel
:					

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 Washin ED Date 1/31/94

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING

ANITA LOCKWOOD CABINET SECRETARY

October 21, 1993

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,

WILLIAM J. LEMAY

Director

dr/

cc: Oil Conservation Division - Santa Fe

Roy Johnson

STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

November 17, 1993



BRUCE KING GOVERNOR

ANITA LOCKWOOD

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. 2 Sec. 6, T-25-S, R-19-W

for William I Le May

OCD-464

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,

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

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

NO, OF COPIES REC	EIVED		-				
DISTRIBUTION .		1		5. Indicate Type of Lease			
File		APPI	ICATION FOR PE	STATE A FEE			
N.M.B.M.			G BACKGEOTH	5.a State Le	ase No.		
U.S.G.S.] 011120	d backdeo iii	GTR 3	303		
Operator							
Land Office							
ta. Type of Work	Drill 🗷	(Deepen 🗆	Plug Back		7. Unit Agre	rement Name
: b. Type of Well	Geothermal I	Producer		Temp Observation		8. Farm or	Lease Name
l . Type of wen	Low-Temp T			Injection/Disposal		Roset	
2. Name of Operator						9. Well No.	······································
1	tte Inc.					two	
3. Address of Operate	or					10. Field an	d Pool, or Wildcat
P.O.	Box 265	A Animas N	New Mexico	88020		Lightning Dock	
4. Location of Well	LINIT I FTTER	P' LOCAT	ED 3:3:0" FEET	FROM THE East	LINE		
AND 165 82	SET SPONTUS		600 93 SEC. 6 TWP.	-			
F ONA	TTTTTTT	TITITITI			WNMPM	12. County	/////////////////////////////////
						Hidalg	
	1111111	777777		19. Proposed Depth	19A. Format	ion	20. Rotary or C.T.
				500			Rotary
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 4250 \$elf					22. Approx. Date Work will start 10/20/93		
•		#3	636 ROPOSED CASING	AND CEMENT PROGR	AM		
SIZE OF HO	LE SIZ	E OF CASING	WEIGHT PER FOO	T SETTING DEP	TH SACKS C	F 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 productive zone. Give blowout preventer program, if any.

I hereby ceptify that the information above is true and complete to the best of my knowledge and belief.

Title CEO REPUBLICA Dute 10/25/93

(This space for State Use)

APPROVED BY 1990 CONDITIONS OF APPROVAL IF ANY:

OIL CONSERVATION DIVISION P. O. BOX 2088 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 distances mi	ist be from the	outer boundarie	s of the Section	າ.	
Operator	tte Inc.		Lease	Rosette	State		Well No.
Unit Letter	Section	Township	R	ange	County		
PP_	6	25		19 E	Н	idalgo	
Actual Footage Loca	tion of Well:	77 1		1/5°	<i>98</i>	Couth	
Ground Level Elev.	feet from the Producing For	East	line and Pool	165	feet from the		line rated Acreage:
4250	Valley		1,000	Lighting	Dock	1	13.59 Acres
	the acreage dedica	ted to the subject	well by color	red pencil or ha	ichure marks	on the plat below	
	C .	•		_		-	
2. If more and roya		dedicated to the	well, outline	each and iden	tify the owner.	ership thereof (bo	th as to working interest
3 16	there are taken of	different amage	n is dadients	ed to the well	hove the inte	aracte of all owne	ers been consolidated by
1	itization, unitizati		-	u to the well,	nave the mic	crests of all owne	ers been consondated by
☐ Yes	□ No If a	nswer is "yes," typ	oe of consolic	lation		· · · · · · · · · · · · · · · · · · ·	
If answer is necessary.)		ners and tract de	scriptions wh	ich have actua	lly been cons	solidated. (Use re	verse side of this form if
		ned to the well	until all it	nterests have	been consoli	dated (by comm	nunitization, unitization,
	ng, or otherwise)						
	1 .	N// /	11////	//////	11/1/2	CE	RTIFICATION
	!	1		. !	X	·	
		1		İ	1		ify that the information in is true and complete to
	l I	\frac{1}{2}		1	<i>7</i>	1	knowledge and belief.
	1	7		1	T,		
	1	\		 	. /		<u> </u>
	+	}		-i		Name Name	and wetter
344	1	1		1	λ	Position	ac you
	!	,		1	1/2	CEO	
] .	,		J I	1	Company	to The
	i	<i>y</i>		!	1	Date	te Inc.
	1	Ŋ	•	1	X		
					——————————————————————————————————————		
	l I	1		!	<i>\frac{1}{2}</i> .	I hereby certin	fy that the well location
	i	ſ			1	1	plat was plotted from field
	1	}		1	1/2	notes of actual	I surveys made by me or
	! !	1			才	Į.	rvision, and that the same priect to the best of my
	1	X		1	∕},	knowledge and	•
	+			·	A	_	
	i	1			1/2	•	
	1	1		TI F	? / / _}	Date Surveyed	
		1		1	1/2		
.	1	1		1	1/4	Registered Professi and/or Land Surve	
	1	X		1	长面本		
		- Min	+++++	444444	TIME		
Section 1	C post tier to		+1		7777	Certificate No.	
0. 530 660	90 1320 1850 19	NO 2319 2640	2000 15	00 1000	500 0		