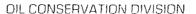
GTLT - 15

# Alex R. Masson, Inc. 10-21S-1W Dona Ana County

Well Nos. 16 - 35

#### STATE OF NEW MEXICO

#### ENERGY AND MINERALS DEPARTMENT





GOVERNOR

August 18, 1987

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE. NEW MEXICO 87501 (505) 827-5800

Alex R. Masson, Inc. c/o Radium Springs Farms Box 20 Radium Springs, New Mexico 88054

Attention: Bruce Fitzgerald

Dear Bruce:

Enclosed please find copies of your well files for your operations in Radium Springs. A review of these well files has indicated that this office will require a few more forms as outlined by our rules and regulations. A summary of these forms is as follows:

WELL	NO. STATUS	101	102	103	104	105	106	107	112
4 10	T 1 1 1	37		<b>T</b> -	37				37
15	Injection	X	X	Χ	25				Х
16	Injection	X	$\mathbf{X}$	X	X	X	X	X	X
17	P & A	X	X	X	N/A	X	X		N/A
19	Inj/Producer	X	X	X	X	X	X		Χ.
20	P & A	X	X	X	$N/\Lambda$	X	X		N/A
21	Producer	X	X		X	X	X	X	N/A
22	Producer	X	X		X			X	N/A
23	Drilling	X	X						

The necessary forms to bring this project up-to-date are also enclosed and should you have any questions, please contact me at this office.

Sincerely,

ROY E. JOHNSON, Sr. Petroleum Geologist

REJ/dr

## 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 .				1	. Indicate Type	
File	APPLI	CATION FOR PERM	,	TATE []	· FEE 🔯	
N.M.B.M.	OR PLU	G BACKGEOTHE	RMAL RESOURCES WE	LL 5	a State Lease N	10.
U.S.G.S.				-	~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Operator						
Land Office			and the state of t		7///////	
1a. Type of Work Drill X	C	Deepen 🗆	Plug Back 📋		. Unit Agreemen	
b. Type of Well Geotherma			Temp Observation   njection/Disposal	8	. Farm or Lease	Name
Low-Temp	inermai 🗀		njection/Disposai C3		Bailey	7
2. Name of Operator Alex R. M	lasson, Inc.			9	. Well No. #16	
3. Address of Operator				1	0. Field and Poo	ol, or Wildcat
	inwood, Ks. 6			R	kadium Sp.	K.G.R.A.
4. Location of Well UNIT LETTE	r <u>B</u> LOCAT	ер <u>833</u> геет	FROM THE	LINE		
AND 2368 FEET FROM TH	E LINE OF S	sec. 10 TWP. 2	21 S RGE. 1 W	NMPM		
					2. County	
					Ona Ana	
444444444			19. Proposed Depth 1		7777777	7//////////////////////////////////////
			500 ft.	9A. Formation		Rotary or C.T. Air Rotary
21. Elevations (Show whether DF, R	T, etc.) 21A. Kind	& Status Plug. Bond	21B. Drilling Contractor		<u> </u>	ite Work will start
3980 ft.			Lar-Jon		3/00	
•	þ	ROPOSED CASING A	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF C	CEMENT	EST. TOP
9 7/8	7 O.D.	17#	80 ft.	20		Surface
		L				
						•
	•					
•	•					
			•			
					•	
			<b>'•</b>			
IN ABOVE SPACE DESCRIBE PROPO zone, Give blowout preventer program,	OSED PROGRAM: 16 , if any.	proposal is to deepen	or plug back, give data on p	resent producti	ve zone and pro	posed new productive
i hereby certify that the information a	bove is true and comp	olete to the best of my	knowledge and belief.			
Kun 177	الكري وهور	Min at 1	+		م ام در ا	01_
Signed Diver A 41	June 7	Title O'Dua	100	Dat	e 420	00
(This space for State	· Usej					
$\gamma = \gamma / 4$	L /	De 1	<b>,</b>		1	
CONDITIONS OF APPROVAL IS AN	erent	TITLE Tetroleur	n Criqueer	DA	TE March	25,1486

#### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator  Alox D. M.	accon Inc	All distances must be	Leave	ires of the Section	1.	well Bo.	
Unit Letter	asson, Inc. Section 10	Township T.21S.	Range R.1W.	Dona	Ana		
Actual Footage Locat				1		*	<del>- Company</del> - Contract - The Contract - Cont
	feet from the	tine		feet from the		line	· .
Ground Level Hev. 3990 ±	Producing For	mation	Radium	Snrings	Dedic	10 Acreage:	
<del>-</del>				·		·	Acres
1. Outme t	ne acreage dedicat	ed to the subject well b	by colored pench or	nachure marks	on the plat octor	<b>v.</b>	
and royal	than one lease of	dedicated to the well, of different ownersip is don, force-pooling, etc?	i.	i:			`; :
(7)				; ·	1	• • • • • • • • • • • • • • • • • • •	•
necessary.) _ No_allowabl	"no," list the ow	ners and tract descriptied to the well until	ons which have act	ually been cons	dated (by comn	nunitization,	unitization
		BARD CONTROLL STATE	ngeo 1	BRASS CAP SECTION CORNER	Name BRUCE Position Company  ALEX R.	A Filz	information complete to 1 belief.
				TELLETET	I hereby certificate No.	plat was plotted in surveys made crision, and the crision that was a crision to crision the crision that was a crision to crision the crision that	d from field by me or at the same

PULL OR ALTER CASING

STATE OF NEV	A WEXICO
VERGY AND MINERAL	LS DEPARTMEN <b>T</b>
OF CORIES RECEIV	FD

## OIL CONSERVATION DIVISION

Form G-1	103
Adopted	10-1-7
Revised	10-1-7

ENERGY WAS MINITARES DEPART	SANTA FE, NEW	/ MEXICO 87501	Revised 10-1-78
NO, OF COPIES RECEIVED		MEXICO 87301	V641260 10-1-10
DISTRIBUTION	•		
File	SUNDRY NOTICES	AND REPORTS	
N. M. B. M.	ON SONDITI NOTICES	• • • • • • • • • • • • • • • • • • • •	5. Indicate Type of Lease
U. s. G. s	GEOTHERMAL RES		State Fee X
Operator	OLO MEMORE MES	OUTGES WELLS	5.a State Lease No.
Land Office			
Do Not Use This Form for Proposals For Permit —" (Form G-101) for Suc	to Drill or to Deepen or Plug Back to a D h Proposals.)	ifferent Reservoir. Use "Application	
1. Type of well Geothermal Pro	oducer Temp. Observation		7. Unit Agreement Name
Low-Temp The	ermal 🛣 Injection/Disposal		N/A
2. Name of Operator			8. Farm or Lease Name
Alex R. Masson,	Inc.		Bailey
3. Address of Operator Drawer F Linwood	d, KS 66052		9. Well No. # 16
4. Location of Well Unit Letter B	2368 Feet From The East	Line and833Feet From	10. Field and Pool, or Wildcat Radium Sprs. K.G.R.A
The North Line, Section	on 10 Township 21	S Range 1 W NMPN	r.
	15. Elevation (Show whether 3980 ft.	DF, RT, GR, etc.)	12. County Dona Ana
16. Che	eck Appropriate Box To Indicate Nat	ure of Notice, Report or Other I	Data
NOTICE OF IN	TENTION TO:	SUBSEQU	JENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	☐ ALTERING CASING ☐
TEMPORARILY ARANDON		COMMENCE DOLL INC ODNO	T BULLO & ARANGONIATANT [

17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinenet dates, including estimated date of starting any proposed work) SEE RULE 203.

CASING TEST AND CEMENT JOB

OTHER

CHANGE PLANS

OTHER Change classification of well

\* Change Well Classification - Well # 16 was originally permitted as a geothermal producer. This well was drilled to produce low-temperature thermal water for the purpose of extracting heat for agriculture, therefore, a type well change is requested from Geothermal Producer to a Low Temp Thermal.

	4.	
18. I hereby certify that the information above is true and complete to the SIGNED	Operator	DATE MAY 5, 86
APPROVED BY STERNAL TITLE.  CONDITIONS OF APPROVAL, IF ANY:	District Supervisor	DATE 6-4-86

#### OIL CONSERVATION DIVISION

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

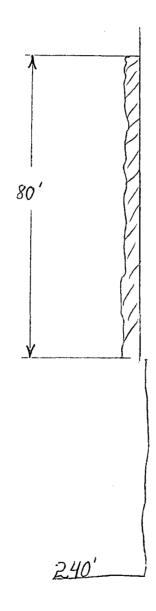
OWNER OR OPERATOR Name & Ex R.	MASSON INC	· .	
Address DRAWER			
TYPE OF WELL			·
Geothermal Producer [ ]	Low-Temperate	ure Thermal [ ]	Injection/Disposal 🔀
REASON FOR FILING  New Well [ ] Recomple  Change in Ownership [ ] !  Other (Please Explain) [ [ Phr. Mr. Roy	Designation of Purchaser [ ]		18-86
DESCRIPTION OF WELL			
Lease Name Bar, Lay	Well 16	Name ofReservoir _	RAdium SPRINGS
Kind of Lease.	Lease	·	
(Fee, Fed. or State)	Number		
2368,6 Section 10 T	33	m the ENST	line and line of
TYPE OF PRODUCT Dry Steam	Steam and Water		Temp.
DESIGNATION OF PURCHASINAME of Purchaser ALEX A		C	
Address of Purchaser ORDWEN	F. Linwood	KANSAS 660	
Product Will Be Used For GREEN HOD	SE HEATING		
CERTIFICATE OF COMPLIAN			
I hereby certify that all rules promulgated by the Oil Conse			in the State of New Mexico, as ied; 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.



P.O. BOX 925 MESILLA PARK, N.M. 88047

Well #16



7" aD. :188 wall 45 sacks Cement - 121/4 Hole 6/2" OPEN HOLE

OM COMETENATION DIVISION

1 4

## NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

#### GEOTHERMAL RESOURCES WELL LOG

Operator	Alex R.	Masson :	Inc.				
	Drawer	•		6605Z		<u> </u>	
Reservoir	Radium S	Springs					
Lease Name	Bailey			Well No.	16	Unit Letter _	N <b>B</b> '4
						line	
						10	
Township	2۱	S	Rang	ge IW	Co	unty Pone	419

#### FORMATIONS PENETRATED BY WELL

***************************************					
	н то	Thickness	Drilled or		
Top of Formation	Bottom of Formation	Interness	Cored	Recovery	DESCRIPTION
. 0	2:55°TD	255 -			

#### 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 James N. Dross Position Project Hydrogeologist Date June 5, 1986

#16

0-255

Light pink to pinkish-gray rhyolite porphyry, containing altered feldspor phenocrysts 0.25-0.50 mm, minor biolite phenocrysts. Minor oxidation at 190-240, mostly as earlings on chips. Drill cultings are hard and angular, and somewhat larger towards lower half of of hole. Upser 70-is portially weathered, but still recognizable as some rocks.

### NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

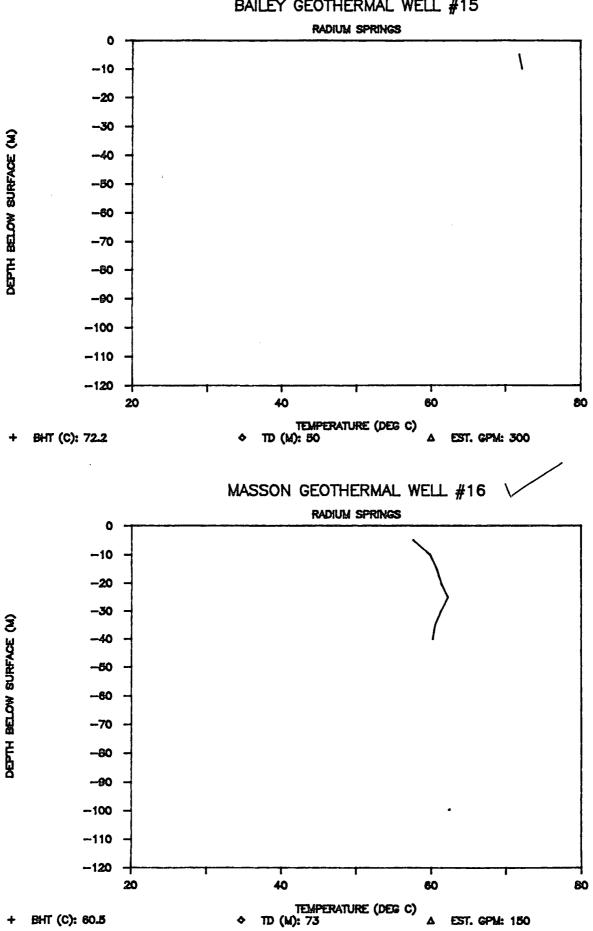
 $\mathcal{L}_{\mathcal{L}_{\mathcal{L}_{\mathcal{L}_{\mathcal{L}}}}}$ 

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Oper Leas Unit Rese	rator e Name Letter	Alex Bail Barl Rad	R. Mas	Sec	Inc.	T	Add	No. 1	er F , Li 6 Rg Dona Ana	nwood KS	6605	
Com: Com: Total	menced drû	ling ng 255	April April	19,1	986 986			GEOLOG	ical markers Formation	;	DEPTH	
Com	menced pro-	ducing	(Date)					Geologic a	age at total depth	Oligo	iène	
	Sta	atic test					Р	roduction Tes	t Data			
Date	Shu t-i	n well hea	ad		Total	Mass Flow	Data			Separato	or Data	
	Temp. °1	Pres. 1	Psig. L	.bs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. "F
<del></del>												
			I		·	ASING RE	CORD (Pre	sent Hole)	-1			
Size	Size	Weight	Grade	New	Seam		Depth	Top	Number	Тор		
of Hole	of Casing	of Csg/ft.	of Casing	or Used	Or Lap w	veld	of Shoe	of Casing	of Sacks Cement	of Cement	i	rent Top rmined By
97/8	7"00	17 lbs.		New		nless	80 -	+ 1 feet	18	OGR	! Visc	vally
61/2=	open		completi	<del>                                     </del>								
				-								
	<del></del>	J	(0)				RATED CA					
			(Si	ze, top, bo	ottom, perfo	rated interva 	ls, size and s	pacing of perfor	ration and method	i.)		
<b>(17</b> . a	المعاد متعادمات	ffluent ma	100 MAAR	Flactei -	al log dones	. ^^	ne.		_ Temperature log	r dentha	140 fee	, <del>†</del>
. was a		IFICATI		Electric	ai iog deptii:				_ remperature iog	depths	1 102 (0)	
			y that the owledge and		on given a	bove and t	he data an	d material att	tached hereto a	re true and co	mplete to t	the

Signed James T. Bross Position Project Hydrogeologist Date June 6, 1986





#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form G-112 Adopted 10-1-74 Revised 10-1-78

#### APPLICATION TO PLACE WELL ON INJECTION-GEOTHERMAL RESOURCES AREA

Operator ALEX R. MA	अथा, विव्यक्ष		Deamer 3	1, COOWULL , 7	LS. 66052
Lease Name		Well No.	Field PAD UM	SPRINGS	DONA ANA
Location Unit Letter	· Well is Lo	cated <b>2368</b> F6	eet From The	Line And 833	Feet From The N
Line, Section		216	ange 1W	NMPM.	Tect From File
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Conductor Pipe					
Surface Casing	71	801	45	SURF.	CIRCULATION
Long String	NA				·
Tubing	NA		Name, Model and Dept	h of Tubing Packer	<u> </u>
Name of Proposed Injection For DHUM PAILL FORM	MTUN		Top of Formatio	n Bot	tom of Formation
Is Injection Through Tubing, Cas	ing, or Annulus?	Perforations OPEN	or Open Hole? Propos	ed Interval(s) of Injection	١
Is This a New Well Drilled For Injection?	If Answer	is No, For What Purp	pose was Well Originally [	Drilled? Has Well Ever Bee Other Than the Pr	n Perforated in Any Zone oposed Injection Zone?
List All Such Perforated Interval	s and Sacks of Ce	ement used to Seal Of	ff or Squeeze Each		*
Depth of Bottom of Deepest Fre in This Area	sh Water Zone		or Purpose of Pressure Ma (See Rules 501 and 502)	٠	DUPOSAL
Anticipated Daily Minimu Injection Volume	6PM 20	System System	CLOSED Pres	njection to be by Gravity of sure?	Approx Pressure (psi)
Answer Yes or No Whether the F to such a Degree as to be Unfit for Other General Use—		k, Irrigation,   MO	PERALIZATION		e Water Analyses Attached?
Name and Address of Surface Ow ALEX R. WAS	ner (or Lessee, if	State or Federal Land	Growny =	, KS 60	5200
List Names and Addresses of all C	perators Within C	. ( ` `	This Injection Well		
THOMAS F. RUA	N			A AMERICAN MARKET WITH A STATE OF	AMATON IN POST
HARRY N. BAIL	ey				RVATION DIVIGIS!!
WM. H. DALY			•		′ & .
				•	
Have Copies of this Application B Sent to Each Operator Within On Half Mile of this Well?		√ No □.			22 2 2 3 4 7 5 7 5
Are the Following Items Attached this Application (see Rule 503)	!	No O	Electrical Log		grammatic Sketch of Well Yes No 🗆
Buee A II		information above is	true and complete to the	best of my knowledge and	·
(Signature)	7		(Title)	7	(Date)

NOTE: Should waivers from all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Division will hold the application for a period of 20 days from the date of receipt by the Division's Santa Fe office, If at the end of the 20-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 503.

## 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	Type of Lease
File		APPL	ICATION FOR PE	RMI	T TO DRILL, DEEF	PEN.	STATE	
V.M.B.M.					AL RESOURCES		5.a State Le	ase No.
J.S.G.S.					•			· · · · · · · · · · · · · · · · · · ·
Operator								
_and Office							VIIIII	
ta. Type of Work Drill	X	i	Deepen 🗌		Plug Back [	ם		ement Name
b. Type of Well Geother	mai Produc	er 🔼		Ter	np Observation	]	8. Farm or 1	Lease Name
Low-Te	mp Thermal			Inje	ction/Disposal	]	Pot	11077
2. Name of Operator						·	9. Well No.	lley
	. Masson,	Inc.					#16	)
3. Address of Operator								d Pool, or Wildcat
Draw F	Linwood	1, Ks. 6	56052				Radium S	Sp. K.G.R.A.
4. Location of Well UNIT LE	TER B	LOCAT	red <u>833</u> fee	TFR	OM THE N	LINE		
	_			21				
AND 2368 FEET FROM	THE	LINE OF	SEC. TWP.	~	RGE.	NMPM		
				////			12. County	
	<i>}}}}}</i>	<i>}}}};</i>		777		<i>                                     </i>	Dona Ana	
	<i>}}}}}</i>		<del>/////////////////////////////////////</del>	1	D. Proposed Depth	19A. Forma		20 0 20 20 7
				71,	500 ft.	19A. Forma	lion	20. Rotary or C.T. Air Rotary
21. Elevations (Show whether D.	E PT arch	111/	d & Status Plug. Bon				<del></del>	<u> </u>
3980 ft.	r, R7, e16.)	ZIA. Kiik	a & Status Fing. Bon	u   2	IB. Drilling Contracto Lar-Jon	г	22. Appro	x Date Work will start / 86
•		<b>F</b>	PROPOSED CASING	AND	CEMENT PROGRAM	1		
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FO	——— ОТ	SETTING DEPTH	SACKS	OF CEMENT	EST. TOP
9 7/8	7 0.1		17#	<del></del>	80 ft.	20		Surface
		,						
				•				
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				٠.				
•					*			•
ABOVE SPACE DESCRIPE OF	מתמת כביד מים	OC D 044- 1	f proposal le ta dece	AD C-	ning hade also doke		Linkbio	
ABOVE SPACE DESCRIBE PR ne. Give blowout preventer prod		OGRAWI: I	· Proposal is to deep	Of	Pidy Dack, 9146 Gata (	on bieseuf btoo	iuctive zone and	a proposed new productive
ereby certify that the informati	on above is tr	ue and com	iplete to the best of	my ki	nowledge and belief.			
Kun 1 -	Dayner F	D	Till O'Del	+	· ••		2/2	2/01-
ned Direct A A	77 T	<u>\</u>	_ Title	عز ۱ ( 			Dure _ 4	000
(This space for	State Use)							
$\bigcirc \qquad \bigcirc \qquad$	(/L )		$\Omega_{i}$		-6° '		,	
PROVED BY Land	ataunt		_TITLE Tetrole	ואמט	Cogeneer		DATE Ma	ich 25, 1966
INDITIONS OF APPROVAL, IF	ANY:				-			



## STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION



March 28, 1986

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING

SANTA FE, NEW MEXICO 87501 (505) 827-5800

•

Alex R. Masson, Inc. Drawer F Linwood, Kansas 66052

> Re: \$10,000 Multiple-Well Geothermal Observation Well Bond; Alex R. Masson, Inc., Principal American Manufacturers Mutual Insurance, Surety

Bond No. 585244

Gentlemen:

The Oil Conservation Division hereby approves the above-captioned Geothermal Bond effective March 25, 1986.

Sincerely,

R. L. STAMETS,

Director

dr/

cc: Oil Conservation Division - Santa Fe

Jim Davis ? 523-7367

Alex. R. ON INC.

#### FINE POT PLANTS

Exclusively Wholesale

913/ 723-3222

Drawer F

Linwood, Kansas 66052

2/14/86

New Mexico Oil Conservation Division 1999
P.O. Box 2088
Land Office Building
Santa Fe, N.M. 87501

ATTN: Mr. Roy Johnson

Senior Petroleum Geologist

Dear Mr. Johnson,

Please find enclosed application forms #G-101 and #G-102, and the necessary well bond information required to drill exploratory welk # 16.

The drilling of well #16 would take place during March, 1986, upon satisfactory approval from your office.

If any further information is required, feel free to contact me at 505/523-7367, or Mr. Alexander Masson at 913/723-3222 in Linwood, Kansas.

Sincerely Yours,

Bruce A. Fitzgerald

pruce W. Liczgeral

530 South Melendres Las Cruzes 78005 Masson's S.W.

DIAK - 1880 DIVISION

- in the Envillage

### APPLICATION FOR PERMIT

EXPLORE

To Appropriate the Underground Waters of the State of New Mexico

l.	ate Received Februs	11°v 24. 1	<u> </u>	File No.		T.R.G5996	
	Name of applicantALE	X B - MA	SSON, IN	Ç			
			66052				
2.	Source of water supply S			II F F Ploc	ated in LOWE	D DIO CRANDE BA	CT N
			llow water ac		aced III <u>1.5711.51</u>	(name of underground	
3.	The well is to be located	in the <u>NE</u>	_ 1/4 NE 1/4	NW 1/4	Section 10	Township 21 S	
	Range 1 W N.M.P	.M., or Tract	Noof	Map No^	of the		Dis
,	on land owned by HeN  Description of well: name		T 4 TO T (0.8)				
4.	Description of well: name Outside Diameter of casin,	$g = 8 \cdot 5/3$	inches	; Approxin	nate depth to b	e drilled 500	
5.	Quantity of water to be ap						
	EXET.ORATE ON			,	(consum)	otive use, diversion)	
,	for EXPLORATION  Acreage to be irrigated or	1 (	N O				
6.	Acreage to be irrigated or	place of use		7t		· · · · · · · · · · · · · · · · · · ·	a
	Subdivision	Section	Township	Range	Acres	Owner	
						· · · · · ·	
		<del></del>					
			דער פידור שו	דדוע נדי	ו דמי אסדו	LED FOR EXPLORA	ואר דיתי
7.	Additional statements of a	xplanations FTRM THE			AD FLOW F		411 ON
	GEOTHEPHAL RESO						
		ONO.I.	1/A (23, 01)	DIFINO	S ARTIA SI	HAND OWNED DI	
	H, N. BAILEY.						
 I,	Sruce Fitzgerald					are true to the best of m	y knowl
 I, and	Sruce Fitugerald d belief and that developme						y knowl
l,and							y knowl
I,_and							y knowl
I,_and	d belief and that developme	nt shall not o					y knowl
I,_and	d belief and that developme	nt shall not o		il approval			y knowl
I, _and		nt shall not o		il approval			y knowl
I,_and	d belief and that developme	nt shall not o		il approval			y knowl
By	Delief and that developme  ALEX R MAS  OFFICIAL SEAR  Delober Nolan A  Outlic - New Mexico	son 11	2 Pern	il approval	of the permit	has been obtained.	
By	d belief and that developme	son 11		il approval	of the permit		
By Pr	DESTRUCTION AS A SEAS AND A SEAS	SCN 11	2 Pern	il approval	of the permit	has been obtained.	
By P/I	d belief and that developme  OFFICIAL SEAR  Deformation  Wexico  The Free Sear Age of the Control of the Contro	SCN 11	2 Pern	il approval	of the permit	has been obtained.	

#### ACTION OF STATE ENGINEER

	otice pursuant to statute and b					
to the	oriment of any others having	existing rights	s; further provid	led that all rules and re	gulations of the St	ate Engi-
" C23.22	right go the drilling of		wells be	complied with; and furt	her subject to the	following
condition 1.	The well shall be o	Irilled by	a drilling	contractor lic	ensed by the	
	State Engineer of M	lew Mexico	).	Contractor IIC	chaca by the	
	3					
2.	Well log shall be i	iled with	the State	Engineer Office	within ten	(10)
	days of completion	of drilli	ng: pump-te	est data shall b	e filed with	in
	ten (10) days of co	mpletion	of testing.			
					771	<i>J</i>
3.		er this pe	rmit shall	be only used fo	r purposes o	<u>f</u>
	testing the well for		oility of wa	<u>iter which shall</u>	not exceed	
	ten (10) cumulative	days.				
	m - 11 -1 11 t	1 1 1				<del></del>
4.						
	and shall be permar from the State Engi				zed by permit	<u> </u>
	110m the State high	neer pric	t to Parti	DI, 1907.		
***************************************						
	Uo11 Possed					
MXXX	Well Record fxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	iled on or befo	re	March 31	, 19_87	7
Proof o	of application of water to benef	icial use shal	ll be filed on or 1	before	, 19	
		2 4		Manak	. 0/	
Witness	s my hand and seal this	<u> </u>	day of	March	, A.D., 1986	· · · · · ·
					4. 4	
S. E. R	leynolds, State Engineer					
	J. B. Nixor			·	- ,	
Ву:	/ J. B. Nixor	Engin	cer.	•		
	y or so hand.		iti III			

#### INSTRUCTIONS

This form shall be executed, preferably typewritten, in triplicate and shall be accompanied by a filing fee of \$5.00. Each of triplicate copies must be properly signed and attested.

A separate application for permit must be filed for each well used.

Secs. 1-4-Fill out all blanks fully and accurately.

Sec. 5—Irrigation use shall be stated in acre feet of water per acre per annum to be applied on the land. If for municipal or other purposes, state total quantity in acre feet to be used annually.

Sec. 6—Describe only the lands to be irrigated or where water will be used. If on unsurveyed lands describe by legal subdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily located natural object.

Sec. 7—If lands are irrigated from any other source, explain in this section. Give any other data necessary to fully describe water right sought.

NO. OF COPIES RECEIVED	NEW MEXICO OIL CONSERVATION COMMISSION	Adopted 10/1//4
DISTRIBUTION	P. O. Box 2088, Santa Fe 87501	
N. M. B. M.		
U. S. G. 5	SUNDRY NOTICES AND REPORTS	5. Indicate Type of Lease
Operator	ON GEOTHERMAL RESOURCES WELLS	State 🗀 Fee 🔀
Land Office	CLOTTERWINE TESOOTIOES WEEES	5.4 State Lease No.
Do Not Use This Form for Proposals to I For Permit +" (Form G-101) for Such P	Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application roposals.)	
Type of well Geothermal Production  Low-Temp Therma		7. Unit Agreement Name
2. Name of Operator  Alex. R.	Masson, Inc.	8. Farm or Lease Name  Bailey
3. Address of Operator		9. Well No.
	, Linwood KS 6605Z	17
4. Location of Well Unit Letter C 2	25.8 Feet From The north Line and 3,036.1 Feet From	10. Field and Pool, or Wildcat Radium Springs
The east Line, Section	10 Township ZIS Range IW NMPM.	
	15. Elevation (Show whether DF, RT, GR, etc.)  3995 GR	12. County Dona Ang
16. Check	Appropriate Box To Indicate Nature of Notice, Report or Other Da	111111111
NOTICE OF INTEN		NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER	
CTHER		\(\frac{1}{2}\)
17. Describe Proposed or completed Operoposed work) SEE RULE 203.	perations (Clearly state all pertinent details, and give pertinenet dates, incl	ading estimated date of starting any
Plugged	and abandoned:	
	20-360 feet - cuttings 0-20 feet - neat cent & stul	
	0-20 feet - neat cent = slui	y .
		•
	•	
	·	
18. Thereby certify that the information	a above is true and complete to the best of my knowledge and belief.	
	a door to the date complete to the best of my knowledge and benefit	
SIGNED James 1. Dr.	TITLE Project Hydrogeologic C	DATE JUNE 6, 1986
APPROVED BY Ky Chr	DISTRICT SUPERVISOR	DATE 11-21-96
		DAIE
CONDITIONS OF APPROVAL OF ANY		•

NO. OF CUPIES RECEIVED	NEW MEXICO OIL CONSERVATION COMMISSION		Adopted 10/1//4	
DISTRIBUTION	P. O. Box 2088, Santa Fe 87501			
File				
N. M. B. M.	SUNDRY NOTICES AND REPORTS			
U. s. G. s	ON	5. Indicate Type of Lease		
Operator	GEOTHERMAL RESOURCES WELLS	State	Fee 🗷	
Land Office		5.a State Leas	e No.	
Do Not Use This Form for Proposal For Permit —" (Form G-101) for Su	is to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application of Proposals."			
1. Type of well Geothermal F		7. Unit Agree	ment Name	
Low-Temp Th	F-8-1	N/A	4	
2. Name of Operator		8. Farm or Le	ease Name	
Alex.	R. Masson, Inc.	Baile	<u>.</u>	
3. Address of Operator		9. Well No.	<u> </u>	
Drawer	F, Linwood KS 66052	17		
4. Location of Well		- 1	Pool, or Wildcat	
Unit Letter C	225.8 Feet From The north Line and 3,036.1 Feet From	om Kadiu	m Springs	
The east Line, Sect	tion 10 Township ZIS Range IW NM	IPM.		
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County		
	3995 GR	Dona Ana		
16. C	heck Appropriate Box To Indicate Nature of Notice, Report or Other	r Data		
		QUENT REPORT OF	<b>c</b> :	
PERFORM REMEDIAL WORK		<del>-</del>	ERING CASING	
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS	<del></del>	& ABANDONMENT	
PULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT		<b>.</b>	
			<del></del>	
	OTHER		L-	
OTHER				
proposed work) SEE RULE 20.	ed Operations (Clearly state all pertinent details, and give pertinenet dates, 3.  ed and abandoned:	including estimated	date of starting any	
υ				
	20-360 feet - cultings			
	0-20 feet - neatcements	long		
18. I hereby certify that the inform	nation above is true and complete to the best of my knowledge and belief.			
SIGNED James 1.	Gran TITLE Project Hydrogeologist	DATE J	ne 6, 1986	
V				
APPROVED BY		DATE		

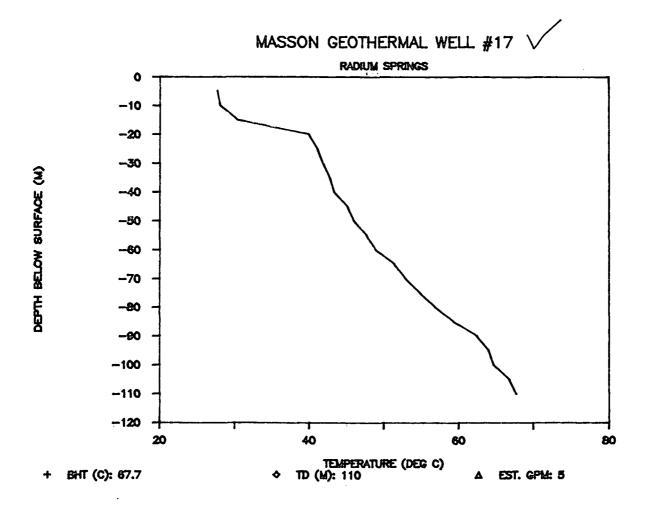
CONDITIONS OF APPROVAL, IF ANY:

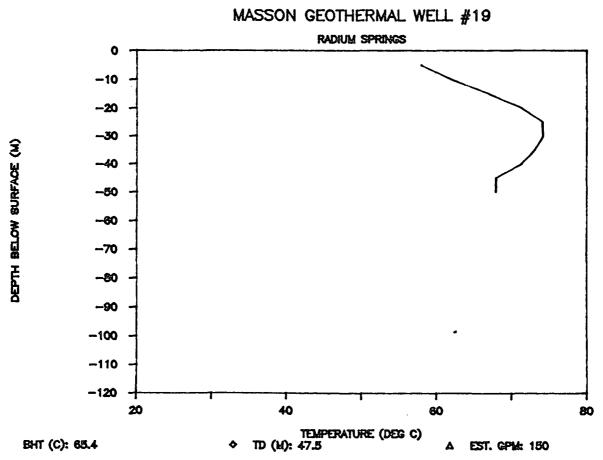
## NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Lease Unit	e Name Letter	<u> </u>	ley	Sec			Well	No	Pawer F, 1 17 Rg. Dona Ana	e IW		
Comn	nenced drilling	ng	Apri Apri	1 22 , 19 1 23 , 19	186 186	«b		GEOLOG Palm Park	GICAL MARKERS	2	DEPTH	
Junk W	ell nenced prod	none						Geologic	age at total depth	Eoc	ene	
,t.	Stat	ic test			······		Pr	oduction Te	st Data			
Date	Shut-in	well head	i		Total	Mass Flow	Data			Separate	or Data	
	Temp. °F	Pres. Ps	sig.	Lbs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
Size of lole	Size of Casing 7 00	Weight of Csg/ft.	Grade of Casing	New or Used	Sean OI Labv	veld	CORD (Pre.	sent Hole)  Top of Casing	Number of Sacks Cement	Top of Cement	Deter	ent Top mined By
18	1 00	17 lbs.		New	Seam	1835	70			OGR	Vi`su	ally
			(:	Size, top, bo	ttom, perfo		ATED CA		oration and method	d.)		
Was an	nalysis of eff CERTI	luent made		Electrica	ıl log depth	s non	e		_ Temperature log	g depths	360 fee	t
Was ai	CERTI	FICATION OF THE PROPERTY OF TH	)N that the					d material at	Temperature log			

Signed James 7. Yron Position Project Hydrogeobsist Date June 6, 1986





### NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

#### **GEOTHERMAL RESOURCES WELL LOG**

Operator	Alex R. Masson	Inc.	
Address			
Reservoir	Radium Springs		
Lease Name	Bailey	Well No <u>17</u>	Unit LetterC
		feet from thenorth	
	3036.1 feet from the	east line Section	on <u>10</u>
Township	215	Range <b>I W</b> Co	ounty Dona Ana

#### FORMATIONS PENETRATED BY WELL

DEPT	н то		Drilled or		
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION
0	20 -	20			
2					
20	40	20			
40	3.60 TD	320-			
İ					

#### 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 James T. Dross Position Project Hydrogeologist Date June 5, 1986

#17

0-20 Mostly coarse sand to medium pebbles of volcanic material. Pebbles are a mixture of subangular to subrounded clasts, probably of both local origin and upstream sources

20-40 Mixed volcanic debis, mostly reddish brown aphonitic material that is partially weathered. Small amount (~10%) of white to greensh white toffoceous material

Reddish brown and greenish-gray volcance mudflows, probably of the Palm Park Formation. Samples from 40 to 140° appear to be from a soft formation, either poorly consolidated or healify weathered. Clay appears to comprise about 30%, with verying amounts of silt and fine-to coarse-grained sand. Samples from 140° to 360° are somewhat less uno thered. Permeability of the entire interval from 40 to 240° must be very low.

### STATE OF NEW MEXICO

## OIL CONSERVATION DIVISION

Form G-103

ENERGY AND MINERALS DEPARTMENT	P. O. BO		Adopted 10-1-74 Revised 10-1-78		
NO, OF COPIES RECEIVED	SANTA FE, NEW	/ MEXICO 8/501	KEVISED 10-1-76		
DISTRIBUTION	·				
File .	SUNDRY NOTICES	AND DEBORTS			
N. M. B. M.	ON		5. Indicate Type of Lease		
U. S. G. S	GEOTHERMAL RES		State 🗀 Fee 🔀		
Operator	GEOTTERMAE NES	OCHOLS WELLS	5.a State Lease No.		
Land Office					
Do Not Use This Form for Proposals to Dril For Permit —" (Form G-101) for Such Prop		Different Reservoir. Use "Application			
1. Type of well Geothermal Producer	Temp. Observation		7. Unit Agreement Name		
Low-Temp Thermal	Injection/Disposal		N/A		
2. Name of Operator	2		8. Farm or Lease Name Bailey		
Alex R. Masson, In			·		
Drawer F Linwood,	KS 66052		9. Well No.		
			# 17		
4. Location of Well	d North	3036 1	10. Field and Pool, or Wildcat Radium Sprs. K.G.R.A		
Unit Letter C 225	• C Feet From The NOT CIT	Line and $3036.1$ Feet From	Radium Spis. R. G. II. A		
The East Line, Section	1021	S Range 1 W NMPM.			
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County		
	3995 ft.		Dona Ana		
16. Check Ap	ppropriate Box To Indicate Nat	ture of Notice, Report or Other Da	ta		
NOTICE OF INTENTION	ı		NT REPORT OF:		
	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING		
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT		
`	HANGE PLANS	CASING TEST AND CEMENT JOB			
			_		
* OTHER change classific	ation of well 🔏	OTHER			
17. Describe Proposed or completed Opera	tions (Clearly state all pertinent of	details, and give pertinenet dates, inch	iding estimated date of starting any		
proposed work) SEE RULE 203.					
			į		
		// ard			

\* Change Well Classification - Well # 17 was originally permitted as a geothermal producer. This well was drilled to produce low-temperature thermal water for the purpose of extracting heat for agriculture, therefore, a type well change is requested from Geothermal Producer to a Low Temp Thermal.

18. I hereby certify above is true and complete to the best of my knowledge and belief. Operator DATE MRY 5, 86

District Supervisor DATE 6-4-86 CONDITIONS OF APPROVAL, IS ANY:

### 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

		1						
	NO, OF COPIES RECEIVED		, ,			E Indianta	Tune of Lane	
	DISTRIBUTION						Type of Lease	Vr:
	File .			IT TO DRILL, DEEPEN		5.a State Lea	FEE -	i
	N,M,B.M.	OR PL	LUG BACKGEOTHER	IMAL RESOURCES WE	LL	5.a State Lea	se IVO,	
	U.S.G.S.					TTTTTT	rrrrrrrr	7-7-
	Operator							///
-	Land Office	<u> </u>				$V_{ij}$		77)
	fa. Type of Work Drill		Deepen	Plug Back 🔲		7. Unit Agree N/A	ement Name	-
	b. Type of Well Geother	mal Producer 🏻 🏗	T	emp Observation 🔲		8. Farm or Le	ease Name	
	Low-Ten	np Thermal 🔲	In	jection/Disposal 🗆		Baile	v	
	2. Name of Operator				•	9. Well No.	<u>J</u>	
	Alex R. Mass	on Inc				# 17		
	3. Address of Operator	JII TIIC .	<u> </u>			<del></del>	Pool, or Wildcat	
	Drawer F Lin	wood KS 660	52			Radium		
	·			N N		1111111		77
	UNIT LET	TERLOC	ATED 225.8 FEET F	ROM THE	LINE			
	3026 1	Tr	10 21	S 1111				///
	AND 3U3O LEET FROM	THE TO FINE O	F SEC. 10 TWP. 21	LS <sub>RGE</sub> 1W	NMPM	12. County	<del>.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	44
						Dona An		///
	444444444	<i>}}}}<i>}}</i></i>	4444444	+++++++++++++++++++++++++++++++++++++++	<del>///////</del>	7	4444	1/
								///
								77
					9A. Formati	ion	20. Rotary or C.T.	
				500 ft			air rotary	
	21. Elevations (Show whether DF	RT etc.) 21A. Ki					Data Wash will at at	
١.	3995		ind & Status Plug. Bond	LAR-JON Drill	ing	22.4786	. Date Work will start	
	3995				ing	122. 4786	. Date Work Will start	
. <u> </u>	3797		PROPOSED CASING AN		ing	122.4786	. Date Work will start	
			PROPOSED CASING AN	D CEMENT PROGRAM				
	SIZE OF HOLE	SIZE OF CASING	PROPOSED CASING AN	D CEMENT PROGRAM SETTING DEPTH		F CEMENT	ESŢ. TOP	
			PROPOSED CASING AN	D CEMENT PROGRAM	SACKS O	F CEMENT		
	SIZE OF HOLE	SIZE OF CASING	PROPOSED CASING AN	D CEMENT PROGRAM SETTING DEPTH	SACKS O	F CEMENT	ESŢ. TOP	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH	SACKS O	F CEMENT	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH	SACKS O	F CEMENT	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
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	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csp or entrates	SETTING DEPTH 80 It 4	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csp or entrates	SETTING DEPTH 80 It W	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8	SIZE OF CASING 7 0.D.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csp or entrates	SETTING DEPTH 80 It 4	SACKS O 2(	F CEMENT )  6 CLSSQ A	EST. TOP SURFACE	
	SIZE OF HOLE 9 7/8  * a minimum ensure csp	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csq or entrates	SETTING DEPTH 80 It 4	SACKS O	CESSAN	ESI. TOP SURFACE	
	SIZE OF HOLE  9 7/8  LA MINIMUM  ENSURE CS9  IN ABOVE SPACE DESCRIBE PROJECTION, Give blowout preventer programmer.	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  CPOSED PROGRAM: am, if any.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csq or entrates	SETTING DEPTH 80 It 4	SACKS O	CESSAN	ESI. TOP SURFACE	
	SIZE OF HOLE 9 7/8  * a minimum ensure csp	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  CPOSED PROGRAM: am, if any.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csq or entrates	SETTING DEPTH 80 It 4	SACKS O	CESSAN	ESI. TOP SURFACE	
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	SIZE OF HOLE  9 7/8  LA MINIMUM  ENSURE CS9  IN ABOVE SPACE DESCRIBE PROJECTION, Give blowout preventer programmer.	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  CPOSED PROGRAM: am, if any.	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csq or entrates	SETTING DEPTH 80 It 4	SACKS O	CESSAN	ESI. TOP SURFACE	
	SIZE OF HOLE  9 7/8  LA MINIMUM  ENSURE CS9  IN ABOVE SPACE DESCRIBE PROJECTION, Give blowout preventer programmer.	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  Shoe Pe  am, if any.  In above is true and co	PROPOSED CASING AN WEIGHT PER FOOT 17#  FF. Csq or entrates	SETTING DEPTH 80 It 4	SACKS O	CESSAN	EST. TOP SURFACE	
	SIZE OF HOLE  9 7/8  LA MINIMUM  ENSURE CS9  IN ABOVE SPACE DESCRIBE PROJUMENTS  Zone, Give blowout preventer progrations  I hereby certify that the informations  Signed Bluer A. File	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  Shoe Pe  am, if any.  In above is true and co	PROPOSED CASING AN  WEIGHT PER FOOT  17#  FF. Csq or  entrates e  If proposal is to deepen of  omplete to the best of my  Title OPEIZATO	SETTING DEPTH 80 ft 4	SACKS O	CESSAN	EST. TOP SURFACE	
	SIZE OF HOLE  9 7/8  LA MINIMUM  ENSURE CS9  IN ABOVE SPACE DESCRIBE PROJUMENTS  Zone, Give blowout preventer progrations  I hereby certify that the informations  Signed Bluer A. File	SIZE OF CASING 7 0.D.  F Zo' SU' Shoe Pe  Shoe Pe  am, if any.  In above is true and co	PROPOSED CASING AN  WEIGHT PER FOOT  17#  FF. Csq or  entrates e  If proposal is to deepen of  omplete to the best of my  Title OPEIZATO	SETTING DEPTH 80 ft 4	SACKS O	CESSAN	EST. TOP SURFACE	
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## OIL CONSERVATION DIVISION P. O. BOX 2010 SANTA FE, NEW MEXICO 87501

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

SURVEYOR.

#### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

surreyor c.		All distances m	ust be from the	e outer boundar	ies of the Sectio	n.	
Operator			Lease				Well No.
	To	72		ange			17
Unit Letter	Section 10	Township T215		RIW	County	A ANA	COUNTY
Actual Footage Loca		EAST	line and	225.8	Court Course Abou		line
3036.1 Ground Level Elev.	feet from the Producing For		Pool	2 27.0	feet from the	NOKIA	Dedicated Acreage:
3995±							Acres
1. Outline t	the acreage dedicat	ed to the subject	well by colo	red pencil or l	hachure marks	on the plat	below.
2. If more and roya		dedicated to the	well, outline	each and ide	ntify the own	ership thered	of (both as to working interest
commun	itization, unitizatio	on, force-pooling,	etc?				owners been consolidated by
☐ Yes	□ No If an	iswer is "yes," ty	pe of consoli	dation			
If answer is necessary.) _		ners and tract de	escriptions wh	nich have acti	ially been con	solidated. (U	Jse reverse side of this form if
	_					· •	communitization, unitization, ved by the Division.
		(2) 188 7 C	DRASI CAP	1	BRASS A		CERTIFICATION
	! #	5.0	14 CORNE		SECTION	1 harab	y certify that the information
	WELL NO I		303	36.1	CONNER		d herein is true and complete to
	1 .			1	[	the best	of my knowledge and belief.
	NE/NE/YNW!	ا ( ۱٫٫۰		1			
	100/1/10 12/9/04	′		1		<u> </u>	
	<del>-</del>		<del></del>			Name BR	MCE AFTTZGERYW
	l l			1		Position	Draces
	1			;		Company	reed or
	i	j		1		, n	EX R. IMSOD, IUC.
	1			! !		Date	lic la
	l I		•	i		4	11666
	1			1			
	t .			ŀ		1	certify that the well location
	i !			1		1	n this plat was plotted from field factual surveys made by me or
İ	i			}			y supervision, and that the same
	1			i		is true	and correct to the best of my
	l .			, 1		knowled	ge and <u>betief.</u>
							ES A. BOTGE
	; I			1		HAR	ENMENTS O
	1			1		Date Sarviy	C 5211/9
1	1			i		Recistered 1	ofessional engineer
1	l I		·		Y	and/or the	i miveyor
				<b> </b>		NMP	STERED LAND SURVED
				9		Certificate 1	
0 310 660	90 1320 1050 198	0 2310 2640	2000 1	500 1000	100 0		

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form G-112 Adopted 10-1-74 Revised 10-1-78

#### APPLICATION TO PLACE WELL ON INJECTION-GEOTHERMAL RESOURCES AREA

ALEX R. W	our, hazen	٠.		DAMER F, LINWOOD, KS.				
BALLEY		Well No.	Field	m spriugs	DONA ANA			
Location B		cated <b>800.9</b> Fee	at From The 'N	1687 <	Feet From The			
Unit Letter	Well is Lo	cated <u>555 1</u> Fee	1 1011 THE	Line And IDOC. 3	Feet From The			
Line, Section	Township	Rai	nge IW	_ NMPM.				
		CASING A	ND TUBING DATA					
NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY			
Conductor Pipe								
Curton Cosina	1				<u> </u>			
Surface Casing	7"	40'	23	SURF	CIRCULATION			
Long String	NIA							
	NH							
Tubing	MA		Name, Model and Dept	h of Tubing Packer				
	14/11		···					
Name of Proposed Injection Form	mation		Top of Formation	n Bo	ttom of Formation			
Is Injection Through Tubing, Cas	ing or Angulus?	Borforations 4	or Open Hole? Proposi	ed Interval(s) of Injection	360'			
CASING CASING	ing, or Amulas:	(DEA)	Hai 4	40-362	·			
Is This a New Well Drilled For	If Answer	is No, For What Purpo	ose was Well Originally D	Orilled? Has Well Ever Bee	en Perforated in Any Zone			
Injection?	İ			Other Than the P	roposed Injection Zone?			
List All Such Perforated Intervals	s and Sacks of Ce	ment used to Seal Off	or Squeeze Each					
Depth of Bottom of Deepest Fre in This Area	sh Water Zone		Purpose of Pressure Ma (See Rules 501 and 502)		DISPORAL			
Anticipated Daily Injection Volume Minimu	A. D.A.	Open or C System	Closed Type Is In Press	jection to be by Gravity of Sure?	Approx. Pressure (psi)			
Answer Yes or No Whether the Fo to such a Degree as to be Unfit fo or Other General Use—		k, Irrigation, 400	to be Injected Natu ERATE Zond		re Water Analyses Attached?			
Name and Address of Surface Ow	ner (or Lessee, if	State or Federal Land	· _					
HLEX K. MASSO	<u> </u>	DRAWED F	THAMOND!	K7. 6602				
List Names and Addresses of all O	perators Within C	ne-Half (1/2) Mile of T		5				
may charge		<del></del>						
THOMS F RAY	AN		· · · · · · · · · · · · · · · · · · ·	OIL CONSERVATION D	INISIOM			
HADRY N. BAIL	æ√			2 <b>19</b> 8	<u> </u>			
WM. H. DALY	•			RECEIVED				
			(	(VER WEIL W.77 () ) /	à. B			
Have Copies of this Application Bo				1	<i>(</i> ************************************			
Sent to Each Operator Within One Half Mile of this Well?	Yes	No D						
Are the Following Items Attached this Application (see Rule 503)	to Plat of Area Yes [	No D	Electrical Log	No []	Yes No			
I hereby		·····		best of my knowledge an				
Bun A Fel 29	1200	Doning	-t-0 1.	ent	9/22/86			
(Signature)			(Title)	<del></del>	(Date)			

NOTE: Should waivers from all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Division will hold the application for a period of 20 days from the date of receipt by the Division's Santa Fe office, If at the end of the 20-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests. SEE RULE 503.

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OWNER OR OPERATOR

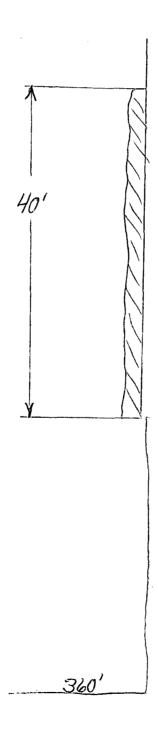
#### CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE GEOTHERMAL RESOURCES

Name ALEX K.			
Address DPAWER	F Linwood KANSINS	66052	
TYPE OF WELL			
Geothermal Producer []	Low-Temperature The	ermal [ ]	Injection/Disposal [x]
( )			mjection, onsposat (A)
REASON FOR FILING			
New Well [ ] Recompl			
Change in Ownership [ ]	Designation of Purchaser [ ]		
Other (Please Explain)	OHUSON KETTER DATEC	1 11-18-86	
TERY TOTAL NOT	DANSON RELIEN UNIER	7 70 8 8	
DESCRIPTION OF WELL			
Lease Quite	Well /9	Name of	was SPALLE
		Reservoir 717007	JA JIRINGS
Kind of Lease (Fee Fed or State)	LeaseNumber		
(rec, rea. or state)			
LOCATION	•	•	•
Unit			
Letter; ; 80	0.9 feet from the	NORTH	line_and
1682.5	feet from the _	ENST	line of
Section / O	Township 215	Range '	
	NA.		
			•
TYPE OF PRODUCT	_		
Dry .	Steam andWater	Low TempThermal Water	
Steam	water	I nermai water	
DESIGNATION OF PURCHAS	ER OF PRODUCT		
Name of			
Purchaser REX R.	MASSON INE		
Address of	F. Linwood KA.	111	
Purchaser <u>DRAINBR</u>	+ LINWOOD RAS	-SAS 66057	<u> </u>
Be Used For GREEN HO	WEE HEATING		•
CERTIFICATE OF COMPLIAN	·•		
	and regulations concerning geotherm	nal resources wells in the St	ate of New Mexico, as:
promulgated by the Oil Cons	pervation Division of New Mexico, mation given above is true and compl	have been complied with,	with respect to the
•			
Buy A.F	ò 301 00	Ocuation N	ما حاداد



P.O. BOX 925 MESILLA PARK, N.M. 88047

Well #19



7"00 .188 Wall 23 sacks Cement - 124 Hole 6/2" Hole OIL CONSERVATION DIVISION SEP 2 TRECEIVE"

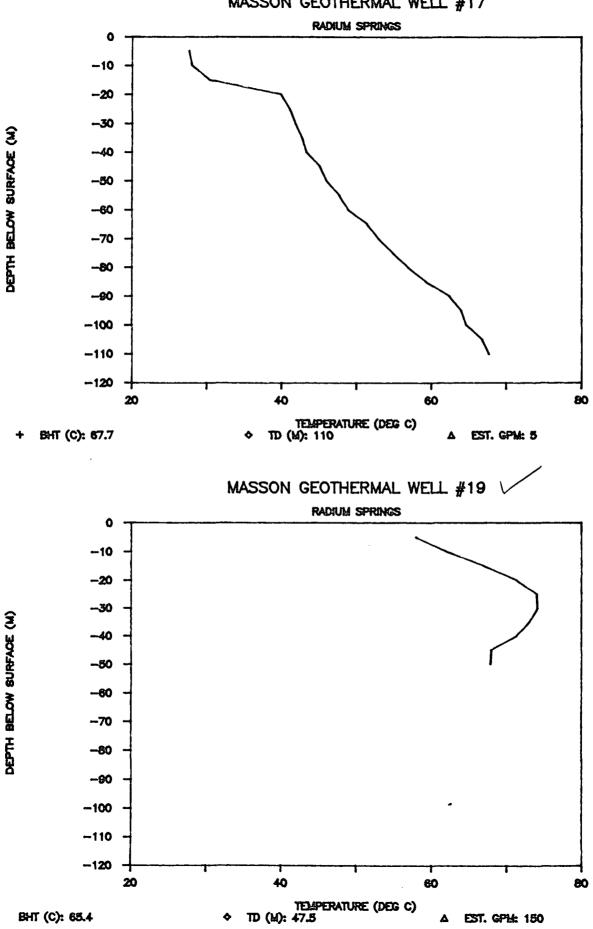
## NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Lease	Name	Bai R	ley	Sac	10	Tia	Well	No. 19	Rge	l W		
Comn	nenced dril	ling	April	15,198	36			GEOLOG	ical markers Oimatión		DEPTH 0-160	
	depth		Plu	gged depth	158							
Comn	nenced pro	ducing	(Date	)			_	Geologic a	ge at total depth:	Oliga	scene	
	1	etic test n well hea	d					oduction Tes	t Data			
Date	Temp. "I			Lbs/Hr		res. Psig.	ata Enthalpy	Orifice	Water cuft/Hr	Separato Steam Lbs/Hr		Temp. °F
									,			,
····					CAS	INC DECC	DD (Dro	sent Hole)			<u> </u>	
Size of Hole	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seamles or Lapweld	s D	epth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	1	ent Top mined By
97/8"	7500	17 lbs.		New	Seanles	S	40-	+ 1 feet	9	0 GR	Visu	ally
			(S	Size, top, bo		PERFORA			ation and method	1.)		
Was ai	nalysis of e	ffluent mad	le? <u>non</u> e	2_ Electrica	al log depths	none			Temperature log	depths	160 feet	<b>-</b>
	CERT	IFICATIO	NC									
		by certify of my kno			on given abo	ve and the	data an	d material att	ached hereto a	re true and co	mplete to t	he

Signed James T. Gross Position Project Hydrogeologist Date June 6, 1986





EST. GPL: 150

#### NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

#### GEOTHERMAL RESOURCES WELL LOG

Operator	Alex R	. Masson, Inc	<u>.                                    </u>				
Address	Drawer	F, Linwood	KS 66	052			
Reservoir	Radium	Springs					
Lease Name	Bailey	' 0		Well No	19	.Unit Letter .	В
Location:	1 1	800.9	_ feet from th	e1	north	line	and
	1682.5	feet from the _	east		line Section _	10	
Township	<del></del>	215	Range	- IW	Count	y Dona 1	Ana
		FORMATIONS	PENETDATE	7 DV WELL			

#### FORMATIONS PENETRATED BY WELL

		T T	T		
DEPT	н то	Thickness Drilled or		Recovery	DESCRIPTION
Top of Formation	Bottom of Formation		Cored	1.000.01,	besom non
Tomation	Tormation				
0	180 TD				
			İ		
	L	L	<del></del>	l	

#### 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 James P. Grass Position Project Hydrogeologist Date June 5, 1986

0-160

Grayish-pink to reddish-brown rhydrite porphyry, partially weathered \$0-80, and less so \$ 00 to 160. Drill chips from lawer half of hole are angular and exhibit fresh, unaltered phenocrysts of biotite and horhblande

0-80- may be a different lith type. Softer, and contains abundant feldsporphenos. Parker relidish-brain wolor. May be PP mud flows

80-160- 16 nearly aphantic, except for Voiotite & hornblande.

traces of weathering 6 140-160-

	OIL CONSERVATION DIVISION	
STATE OF NEW MEXICO	P. O. BOX 2088	Form G-103 Adopted 10-1-74
ENERGY AND MINERALS DEPARTMENT	SANTA FE, NEW MEXICO 87501	Revised 10-1-78
NO, OF COPIES RECEIVED		
DISTRIBUTION		
File	SUNDRY NOTICES AND REPORTS	
N. M. B. M.	ON	5. Indicate Type of Lease
U. S. G. S	GEOTHERMAL RESOURCES WELLS	State Fee X
Operator		5.a State Lease No.
Land Office		
Do Not Use This Form for Proposals to Drill ( For Permit –" (Form G-101) for Such Propos	or to Deepen or Plug Back to a Different Reservoir. Use "Application als.)	
1. Type of well Geothermal Producer	Temp. Observation	7. Unit Agreement Name
Low-Temp Thermal	Injection/Disposal \	N/A
2. Name of Operator		8. Farm of Lease Name
Alex R. Masson, Inc	•	Bailey
3. Address of Operator	- //0.70	9. Well No.
Drawer F Linwood, K	S 66052	# 19
4. Location of Well	1(40.7	10. Field and Pool, or Wildcat
Unit Letter B 800.	9 Feet From The North Line and 1682.5 Feet From	Radium Sprs. K.G.R.A.
	04.0	
The East Line, Section	10 Township $21 S$ Range $1 W$ NMPM.	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	3995 ft.	Dona Ana
16. Check App	propriate Box To Indicate Nature of Notice, Report or Other Da	ita
NOTICE OF INTENTION	1	NT REPORT OF:
TEMPORARILY ABANDON		ALTERING CASING
	COMMENCE DRILLING OPNS.  ANGE PLANS CASING TEST AND CEMENT JOB	PLUG & ABANDONMENT
FOLE OR ALTER CASING	ANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER	
* OTHER change classifica	tion of well X	
		·
17. Describe Proposed or completed Operation	ons (Clearly state all pertinent details, and give pertinenet dates, incl	uding estimated date of starting any
proposed work) SEE RULE 203.		
1.		1
y Changa Wall Class	sification - Well # 19 was originally	nermitted as a
* Change Well Class	er. This well was drilled to produce	low-temperature
geothermal produc	the number of extracting heat for	a gri cul tura
thermal water ior	the purpose of extracting heat for	agricuroure,
therefore, a type	well change is requested from Geoth	gimai iloducei
to a <u>Low Temp The</u>	I'lldL.	
•		

18. Lereby centify that the information above is true and complete to the best of my knowledge and belief.	May 5.86
SIGNED TITLE OPERATOR	DATE VITAGE STORE
()011	•
APPROVED BY Ky & form TITLE District Superior	1150- DATE 6-4-86

### 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

		SANTA PE, NEW M					
NO, OF COPIES RECEIVED				•			
DISTRIBUTION			•			Type of Lease	
File	APPL	ICATION FOR PERMI	T TO DRILL, DEEPEN	J,	STATE L		X
N.M.B.M.	OR PLU	IG BACKGEOTHERI	MAL RESOURCES WE	LL	5.a State Le	ase No.	
U.S.G.S.					~~~~~~	<del>, , , , , , , , , , , , , , , , , , , </del>	····
Operator	<u> </u>						
Land Office							III
1a. Type of Work Drill	X)	Deepen 🗆	Plug Back 🔲		1	eement Name	
Casthor	mal Producer 🐰	To	mp Observation		N/A		
0, 1) po 0, 1, en			ection/Disposal		8. Farm or		
Low-Ter	mp Thermal 🔲	нц	ection/Disposai —		Baile	ЭУ	
2. Name of Operator	on Tna				9. Well No.		
Alex R. Mass	OII, TIIC.				#19		
3. Address of Operator Drawer F Li	nwood KS 660	52				d Pool, or Wildcat	
			M		Radiu	n Sprs KGRA	~~~
4. Location of Well UNIT LET	TER $\underline{\mathcal{B}}$ LOCAT	1800.9 FEET FF	ROM THE	LINE			
1682 5	F.		10 110				////
AND 1682.5 FEET FROM	THE DE LINE OF	SEC. TWP.	TS <sub>RGE.</sub> TW	NMPM	777777	7777477	<del>///</del> /
					12. County Dona	Ana ()	
		++++++++	<del>/////////////////////////////////////</del>	+++++	mm		1-1-1-1
	<i>}}}}}</i>	411111111111111111111111111111111111111	9. Proposed Depth	9A. Format		20. Rotary or C.T.	777.
		///////////////////////////////////////	500 ft	9A. Format	ion	Air Rotary	
						<u> </u>	
21. Elevations (Show whether DF 3995	, <i>R1, etc.)</i> 21 A. Kind	J & Status Plug. Bond 2	1B. Drilling Contractor LAR-Jon Drill	ing	<sup>22.</sup> Appro 4/80	x. Date Work will sta O	rt
	<u> </u>						
	F	PROPOSED CASING AND	CEMENT PROGRAM				
917F OF HOLE	·	T		T		<u></u>	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS O	F CEMENT	EST. TOP	
SIZE OF HOLE	·	T		SACKS O	F CEMENT	EST. TOP	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	sacks o	F CEMENT	EST. TOP Surface	
	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT	SETTING DEPTH			surlace	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 0.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 O.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 O.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 O.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	SIZE OF CASING 7 O.D.	WEIGHT PER FOOT 17#  659., or as	SETTING DEPTH 80 It **	<b>e</b> ess	ary to	ensure	
* Minimum of a	size of casing 7 o.D. 7 o.D. 20'surface Pentrates	WEIGHT PER FOOT  17#  CS9., OF as  at least	SETTING DEPTH 80 It W	eeess	ary to lite.	ensure	
* Minimum of a	SIZE OF CASING 7 0.D. 20 'surface Pentrates	WEIGHT PER FOOT  17#  CS9., OF as  at least	SETTING DEPTH 80 It W	eeess	ary to lite.	ensure	uctive
IN ABOVE SPACE DESCRIBE PR	SIZE OF CASING 7 0.D. 20 'SUFFACE PENFACES  OPOSED PROGRAM: I	WEIGHT PER FOOT  17#  059., or as  a+ /eas+	SETTING DEPTH 80 IT W	eeess	ary to lite.	ensure	uctive
* Minimum of a	SIZE OF CASING 7 0.D. 20 'SUFFACE PENFACES  OPOSED PROGRAM: I	WEIGHT PER FOOT  17#  659., of as  a + /eas +	SETTING DEPTH 80 It w	eeess	ary to lite.	ensure	uctive
IN ABOVE SPACE DESCRIBE PR	SIZE OF CASING 7 0.D. 20 'SUFFACE PENFACES  OPOSED PROGRAM: I	WEIGHT PER FOOT  17#  059., or as  a+ /eas+	SETTING DEPTH 80 It w	eeess	ary to lite.	ensure	uctive
IN ABOVE SPACE DESCRIBE PR zone. Give blowout preventer programmed Bute 17139	OPOSED PROGRAM: I am, if any.	WEIGHT PER FOOT  17#  659., or as  a + least  f proposal is to deepen or  aplete to the best of my k	SETTING DEPTH 80 It w	eeess	ary to lite.	ensure	uctive
IN ABOVE SPACE DESCRIBE PR	OPOSED PROGRAM: I am, if any.	WEIGHT PER FOOT  17#  659., or as  a + least  f proposal is to deepen or  aplete to the best of my k  Title OPERATO	SETTING DEPTH 80 It w 80 It w 2 Feet of plug back, give data on p nowledge and belief.	eeess rhyo	ary to lite.	d proposed new prod	uctive
IN ABOVE SPACE DESCRIBE PR zone, Give blowout preventer progr Thereby certify that the information Signed Bull ATE 30  (This space for S	OPOSED PROGRAM: I am, if any.	WEIGHT PER FOOT  17#  659., or as  a + least  f proposal is to deepen or  aplete to the best of my k  Title OPERATO	SETTING DEPTH 80 It w 80 It w 2 Feet of plug back, give data on p nowledge and belief.	eeess rhyo	ary to lite.	d proposed new prod	uctive
IN ABOVE SPACE DESCRIBE PR zone, Give blowout preventer progr Thereby certify that the information Signed Blue ATT 39  (This space for S  APPROVED BY Sep Extending States of the sep Extended States of the sep E	OPOSED PROGRAM: I am, if any.	WEIGHT PER FOOT  17#  659., or as  a + least  f proposal is to deepen or  aplete to the best of my k  Title OPERATO	SETTING DEPTH 80 It w	eeess rhyo	ary to lite.	ensure	uctive

## OIL CONSERVATION DIVISION

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

#### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

e displayers and a second control of the control of	ساخة الله الله يوريون المساورة السياسية الله الله الله الله الله الله الله الل	All distances			ries of the Section	n,	Well No.
Operator			Leas	e			19
Unit letter	Section /0	Township T215		Range R/W	County Dona	ANA CO	UNTY
Actual Footage Loca	tion of Well: feet from the	EAST	line and	800.9	feet from the	Nort	74
Ground Level Elev. 3995 土	Producing For		Pool		reet from the	· P	Dedicated Acreage: Acres
<ol> <li>Outline to the second se</li></ol>	than one lease of itization, unitizati  No If a "no," list the ow	dedicated to the different owner on, force-pooling is "yes," where and tract	ne well, outlinersip is dedicang, etc?  type of consodescriptions v	ne each and id	entify the owner of the interest of the intere	ership therecership therecersts of all	below.  If (both as to working interest owners been consolidated by list reverse side of this form if
							communitization, unitization, ed by the Division.
		S	E/14 NM/14 1	Cuares -	BRASS SECTION CORNER	contained the best	CERTIFICATION  To certify that the information of therein is true and complete to of my knowledge and belief.  A. FITZGERAU  ERATOR  L. MASSON, INC.
	 					shown or notes of under my is true a knowledge	certify that the well location in this plat was plotted from field actual surveys made by me or a supervision, and that the same and correct to the best of my be and belief.  A. BO:  Control of the con
kanaga kanaga						NM &	- Commence

NO. OF COPIES RECEIVE	D	NEW MEXICO OIL	CONSERVATION COMMISSION		A00000 10/1//
DISTRIBUTION		P. O. Box	2088, Santa Fe 87501		
File					
N. M. B. M.		SUNDRY NO	TICES AND REPORTS		
U. S. G. S			ON		5. Indicate Type of Lease  State Fee X
Operator		GEOTHERMA	AL RESOURCES WELLS		5.a State Lease No.
Land Office					Sia State Bease 110.
Do Not Use This Form for For Permit —" (Form G-10	Proposals to Dri 01) for Such Prop	II or to Deepen or Plug Back	k to a Different Reservoir. Use "A	Application	
- 1	thermal Producer	Temp. Observa		***************************************	7. Unit Agreement Name
2. Name of Operator	Hex. R. Mo.	sson, Inc.	:		8. Farm or Lease Name Bailey
3. Address of Operator					9. Well No.
	rawel F	Linewood KS	66052		20
4. Location of Well	44	5 LI .	70rth Line and 1708.8		10. Field and Pool, or Wildcat Radium Spring 5
Unit Letter		[. ] Feet From The	101 Ch Line and 1708.5	_Feet From	
The east	Line, Section	10 Township	21S Range 1W	NМРМ.	
		15. Elevation (Show	whether DF, 'RT, GR, 2tc.)		12. County
			+000 GR		Pona Ana
16.	Check A	7777	ate Nature of Notice, Report	or Other Da	
NOT	ICE OF INTENTI				NT REPORT OF:
PERFORM REMEDIAL W	·	PLUG AND ABANDON	REMEDIAL WORK	30035005	ALTERING CASING
TEMPORARILY ABANDO	·		COMMENCE DRILLIN	NG OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASIN	G 🗆	CHANGE PLANS	CASING TEST AND C	EMENT JOB	
			071.55		
			OTHER		
OTHER			_ \_		
proposed work) SEE	Plu	aged and abando 20-160 fe 0-20 fee	ned et - cuttings t - near comme		
		_	the best of my knowledge and be	elief.	
SIGNED FOR	n A. Dro	21 TITL	E Project Hydrogen	oe ist	DATE June 9, 1986
APPROVED BY	y Softin	TITL	E DISTRICT SUPE	RVISO	DATE 11-21-96

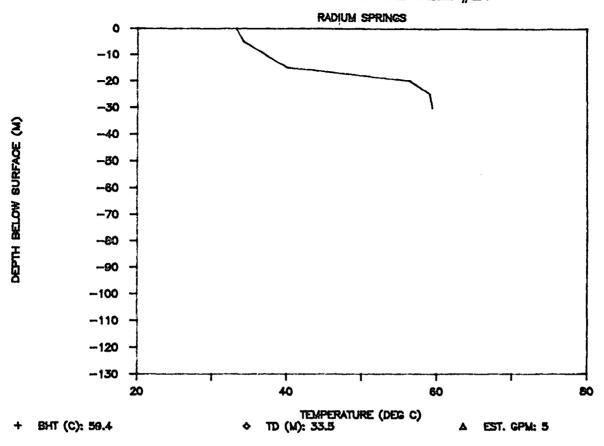
# NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Ope	rator	Ale	x R. /	Masson,	Inc.		Addı	ress <b>Dro</b>	ver F, L	inwood k	CS 660	52
Leas	se Name _	Bai	iley				Well	No20				
Uni	t Letter _		8	Sec	10	Т	wp	215	Rge	= <u>IW</u>		
Res	ervoir	Rad	liun S	prings			Cour	nty <b>D</b> a	ona Ana			
Com	menced dril	ling	May	1,198	6			GEOLOG	IICAL MARKERS		DEPTH	
Com Tota	pleted drilli	160	Plu	gged depth	0	•		alm faris	Formation		160	
Junk		none										
Com	menced pro	ducing	(Date					Geologic a	age at total depth:	Eocen	ė	
	Sta	atic test					Pr	oduction Tes	st Data			
Date	Shu t-i	n well hea	d		Total	Mass Flow	Data			Separato	or Data	
	Temp. °l	Pres. 1	sig.	Lbs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
												<u> </u>
												<u> </u>
											-	
		<u> </u>							<u> </u>			
<del></del>					C	ASING REG	CORD (Pre	sent Hole)			<u></u>	
Size	Size of	Weight	Grade of	New	Seam		Depth of	Top	Number of Sacks	Top of	Cem	ent Top
of Hole	Casing	Csg/ft.	Casing	Used	Lapw		Shoe	Casing	Cement	Cement	Deter	mined By
97/0-	7 00	17 lbs.		New	Sean	ess	40-	- 2	9	OGR	VISUA	illy
												U
			(8	Size, top, bo	ttom, perfo		RATED CAS		ration and method	I.)	•	
				<del></del>					· · · · · · · · · · · · · · · · · · ·			
									·			
								`				
Was	analysis of e	ffluent mad	le? <u>NOn</u>	e_Electrica	al log depths	none			_ Temperature log	depths	00 feet	
	CERT	TIFICATIO	ON									
	l bo-s	shy cartify	, that tha	informati	on aivon s	hove and th	he data ass	l material at	tached hereto a	ro truo and	malata ta t	ha
		of my kno			on given d	Sove and th	uata ant	. material at	rached Heleto a	is tide and CC	unhiere to t	ii e

Signed Jane T. Grow Position Project Hydrogeologist Date June 9, 1986

### MASSON GEOTHERMAL WELL #20



				Adopted 10/1/74
NO. OF COPIES RECEIVED	NEW MEXICO OIL CON	ISERVATION COMMISSION		
DISTRIBUTION	P. O. Box 2088	8, Santa Fe 87501		
File				
N. M. B. M.	SHNDRY NOTIC	ES AND REPORTS		
U. S. G. S		ON	5. Indicate Ty	pe of Lease
Operator	, , , , , , , , , , , , , , , , , , ,	·- · · ·	State	Fee 🔀
	GEOTHERMAL R	RESOURCES WELLS	5.a State Lease	
Land Office				
			mm	mmm
Do Not Use This Form for Proposals to	Drill or to Deepen or Plug Back to	a Different Reservoir. Use "Application		
For Permit —" (Form G-101) for Such f	<del></del>		(11111111111111111111111111111111111111	<u> </u>
1. Type of well Geothermal Produ			7. Unit Agreem	
Low-Temp Therm	al Injection/Disposal		N/A	
2. Name of Operator			8. Farm or Lea	
Alex. R. M	lasson Inc.		Baile	Υ
3. Address of Operator	Masson, Inc. F, Linwood KS 6		9. Well No.	J
Prawer	F. Linwood KS 6	6052	20	
4. Location of Well			10. Field and F	
Unit LetterB	467.4 Feet From The	th Line and 1708.8 Feet From	Radium	z Springs
			1111111	
The east line section	Township	21 S Range IW NMPM		
TheLine, Section	(Ownship	Range NMPM		
	15. Elevation (Show when	ther DF, RT, GR, 2tc.)	12. County	<del>-}}}}}</del>
		DO GR	Pona Ana	
7//////////////////////////////////////	<u> </u>		1	711111111
16. Check	c Appropriate Box To Indicate I	Nature of Notice, Report or Other Da	ata	
NOTICE OF INTE	NTION TO:	SUBSEQUE	NT REPORT OF	;
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	☐ ALTE	RING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	<del></del> 1	& ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOE		a /
		G, 1511.14 1 1 251 7 111 25 21 1 2 1 1 1 1 1 2 1 1 1 1 1 1 1		
		OTHER		
OTHER				
·				
17. Describe Proposed or completed C	perations (Clearly state all pertine)	nt details, and give pertinenet dates, incl	luding estimated of	date of starting any
proposed work) SEE RULE 203.				
B	1 1 1 1			
Γ	lugged and abandoned			
	VV			
	20 - 160 feet	- cuttings		
	•	- J-		
	A 54 A +	1 4 al		
	0-20 feet	- neat coment slurry		
		o		
•				
18. I hereby certify that the information	n above is true and complete to the	heet of my knowledge and bull-s		
10. I hereby certify that the information	. Tagore is true and comblete to the	took of my knowledge and belief.		
0 2 4.	0-11	D L 11 +	<del></del>	- 0 140/
SIGNED James 1. 8)	TITLE	Project Hydrogeologist	DATE JU	ne 7, 1786
V				
APPROVED BY		,	DATE	
CONDITIONS OF APPROVAL, IF ANY				

# NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

### GEOTHERMAL RESOURCES WELL LOG

Operator	Alex R	. Hasson, I	nc.				
Address	Drawer	F Linwood	KS 66	052			
Reservoir	Radium	Springs					
Lease Name	Bailey	1 0	We	II No	20	_Unit Letter _	В
Location:	<u>ي</u> د	467.4 f	eet from the	no	th	line	and
		feet from the					
Township	۲۱ :	s	_Range	IW	Coun	ty Dona A	na

#### FORMATIONS PENETRATED BY WELL

DEPT	н то	Thickness	Drilled or	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation	Tillekness	Cored	Recovery	DESCRIPTION
Formation	160	160 TD			Light brown clay, silt, and send; poorly sorted. Probably volcanic mudfbus of falm Park Formation.
	<u> </u>		<u> </u>		

### 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 James M. Drass Position Project Hydrogeologist Date June 5, 1986

# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

# OIL CONSERVATION DIVISION P.O. BOX 2088 SANTA FE NEW MEXICO 97501

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

NO, OF COPIES RECEIVED	1						
	r ·				E tudiosti	T	
DISTRIBUTION .					ļ	Type of Lease	FEE X
N.M.B.M.			T TO DRILL, DEEPEN		STATE 5.a State Lea	3:0 NO	FEE EN
	OR PLU	IG BACKGEOTHERI	MAL RESOURCES WE	LL	J.a State Let	asc 140.	
U.S.G.S.					rrrrrr	TTTTTT	~~~~
Operator							
Land Office							
1a. Type of Work Drill [3	[]	Deepen 🔲	Plug Back 🔲			ement Name	
		<b>→</b> .	. (1)		N/A		
0, 1) po 0,	nal Producer 🔲 no Thermal 🍱		mp Observation		8. Farm or L		
Low-Ten	np Thermal 🔼	Injo	ection/Disposal 🔲		Baile	У	
2. Name of Operator					9. Well No.		
Alex R. Masso	on, Inc.				# 20		
3. Address of Operator	((0)				10. Field and	Pool, or Wilde	at ECDA
Drawer F Linv	vood, KS 6605	52			Radium	Springs	KGRA
4. Location of Well	TER B' LOCAT	ED 1708 8 EET FR	OM THE East	LINE			
AND 467.4 FEET FROM	THE NOrth	$_{\rm sec.}$ 10 $_{\rm TWP.}$ T 2	$21S_{ m RGE.}$ R $1V$	V <sub>NMPM</sub>			
					12. County		
					Dona An	ia	
				111111			1111
	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	144444	9. Proposed Depth 1	9A. Formation	)II	Air Rota	 C <u>.T.</u>
						ATI. KO CS	rr.À
21. Elevations (Show whether DF	RT, etc.) 21A. Kind	l & Status Plug. Bond 2	1B. Drilling Contractor		22. Approx	. Date Work wi	ll start
		]	Lar-Jon Drill	ng	4/25	y. Date Work wi	
•	Р	ROPOSED CASING AND	CEMENT PROGRAM			,	
				T		r	
							OΒ
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. T SULTACE	) !
SIZE OF HOLE	7 0.D.	# 17	SETTING DEPTH	SACKS OF	CEMENT	surface	, ,
		# 17	SETTING DEPTH	SACKS OF	CEMENT	surface	
		# 17	SETTING DEPTH	SACKS OF	CEMENT	surface	
9 7/8"	7 O.D.	# 17				surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or .
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17	as much as no			surlace	)
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or )
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or 2
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	Or
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or	as much as no			surlace	
9 7/8"  * A minimum (	7 0.D. of 20' surface	# 17 ce casing, or at least 2'	as much as no			surlace	
* A minimum of casing show	7 0.D.  of 20' surface penetrates	# 17 ce casing, or at least 2'	as much as no of Rhyolite.	ecessar	ry to en	suriace	
* A minimum of casing shows the casing shows a sing shows a space describe programmer.	7 0.D.  of 20' surface penetrates  penetrates	# 17 ce casing, or at least 2' of	as much as no of Rhyolite.	ecessar	ry to en	suriace	
* A minimum of casing show	7 0.D.  of 20' surface penetrates  penetrates	# 17 ce casing, or at least 2' of	as much as no of Rhyolite.	ecessar	ry to en	surlace	
* A minimum of casing shows the casing shows a sing shows a space describe programmer.	7 0.D.  of 20' surface penetrates  penetrates	# 17 ce casing, or at least 2' of	as much as need for Rhyolite.  plug back, give data on providedge and belief.	ecessar	ry to en	suriace	
* A minimum of casing shows  IN ABOVE SPACE DESCRIBE PROgrammed Secretary that the information of the secretary that the secretary that the information of the secretary that the secret	PPOSED PROGRAM: In above is true and com	# 17 ce casing, or at least 2' of proposal is to deepen or plete to the best of my k	as much as need for Rhyolite.  plug back, give data on providedge and belief.	ecessar	ry to en	surlace	
* A minimum of casing shows the casing shows a sing shows a space describe programmer.	PPOSED PROGRAM: In above is true and com	# 17 ce casing, or at least 2' of proposal is to deepen or plete to the best of my k	as much as no of Rhyolite.  plug back, give data on p nowledge and belief.	resent produ	ry to en	surlace	
* A minimum of casing shows  IN ABOVE SPACE DESCRIBE PROgrammed Secretary that the information of the secretary that the secretary that the information of the secretary that the secret	PPOSED PROGRAM: In above is true and com	# 17 ce casing, or at least 2' of proposal is to deepen or plete to the best of my k	as much as need for Rhyolite.  plug back, give data on providedge and belief.	resent produ	ry to en	suriace sure	productive
* A minimum casing shows  IN ABOVE SPACE DESCRIBE PROzone. Give blowout preventer progrations are the progrations of the progrations of the progrations of the progrations of the progrations of the progrations of the program of the	PPOSED PROGRAM: In above is true and com	# 17 ce casing, or at least 2' of proposal is to deepen or plete to the best of my k	as much as no of Rhyolite.  plug back, give data on p nowledge and belief.	resent produ	ry to en	surlace	productive

# OIL COMSERVATION DIVISION

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator		All distances must be	from the outer bound Lease	aries of the Section	n.	Well No.
Unit Letter	Section /O	Township	Range	County	NA ANACOV	
Actual Footage Locat	,	·	1		. \	
Ground Level Elev.	feet from the Producing Form	· · · · · · · · · · · · · · · · · · ·	and 467.4	lect from the		line
1. Outline the	ne acreage dedicate	d to the subject well	iy colored pencil or	hachure marks	on the plat below	. Acres
2. If more t and royal		edicated to the well,	: outline each and ic	lentify the owne	ership thereof (bot	h as to working interest
communi	tization, unitization	, force-pooling, etc?	:	ell, have the inte	erests of all owner	rs been consolidated by
☐ Yes		wer is "yes," type of			111 . 1 . 211	
If answer is necessary.) _	"no," list the own	ers and tract descript	ons which have ac	tually been cons	sondated. (Use rev	erse side of this form if
		d to the well unti until a non-standard i				unitization, unitization, the Division.
	1	I.	74.72 (1)	BRASI CAP	CER	TIFICATION
	1	were	-0 <sup>5</sup>	ऽ <del>©ा</del> । ०० ८००	contained herein	fy that the information in is true and complete to knowledge and belief.
	 	Ne ly NW		8.8	the best of my i	Knowledge and Dener.
	- +	Nevann	— — — — — — — — — — — — — — — — — — —		BRUCE .	A TITZBEALD
	1				Position Company	δ <del>2</del> _
	1		 		Date	MASSONS, ING.
			· · · · · · · · · · · · · · · · · · ·		4 24 9	36
	 		! !			y that the well location lat was plotted from field
	1 ] 		!		under my super	surveys made by me or vision, and that the same vision, the best of my
	; +		·		knowledge and	10/8/OTS
	 	,	· · ·		Date Serveyed	5211) B. H. J.
	† !		; ;		Wegistered Professionand or Land Survey	
harmada			 	TENTELLE	NMPLS Certificate No.	5211

### STATE OF NEW MEXICO FNERGY AND MINERALS DEPARTMENT

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

Form G-1	
Adopted	10-1-74
Paulson	10-1-78

CASUAL WAR MINASTER	 *****
NO, OF COPIES RECEIVED	
DISTRIBUTION	
File	
N, M, B, M.	
U. S. G. S	
Operator	
Land Office	

1107	i	·	
DISTRIBUTION	·		
File	SUNDRY NOTICES	AND REPORTS	
N, M, B, M.	ON		5. Indicate Type of Lease
U. S. G. S	GEOTHERMAL RESC	DURCES WELLS	State Fee 🛣
Operator			5.a State Lease No.
Land Office	·		
Do Not Use This Form for Proposals to For Permit —" (Form G-101) for Such P	Drill or to Deepen or Plug Back to a Dif	fferent Reservoir. Use "Application	
1. Type of well Geothermal Produ	cer Temp. Observation		7. Unit Agreement Name
Low-Temp Therma	al 💢 Injection/Disposal 🗆	<u> </u>	N/A
2. Name of Operator			8. Farm or Lease Name
ALEX R. MASSON, INC	4 		BAILEY
3. Address of Operator			9. Well No.
DRAWER F. LINWOOD,	KS 66052		21
4. Location of Well			10. Field and Pool, or Wildcat
Unit Letter B 2450.8	Feet From The EAST	Line and 369.6 Feet From	RADIUM SPGS. K.G.R.A
The NORTH Line, Section	10 Township 21S	Range 1W NMPM.	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
	4005 FT		DONA ANA
16. Check	Appropriate Box To Indicate Natu	re of Notice Report or Other Da	
		• •	
NOTICE OF INTEN	<u>г</u>		NT REPORT OF:
	PLUG AND ABANDON L	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	<b>□</b>
		OTHER	
OTHER CHANGE LOCAT	ION -K		
OTHER L	8		
17. Describe Proposed or completed Oproposed work) SEE RULE 203.	petations (Clearly state all pertinent de	stalls, and give pertinenes dates, inclu	iding estimated date of starting any
100 FEET NORTH OF PRODUCTION WELL.		XPLORATORY WELL APPR L SHOWS SIGNS OF BEI MOVE WELL #21 TO TR	ING A GOOD

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief. APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

FEB-10-93 WED 13:42

505 524 1791

P.02

### STATE OF NEW MEXICO

# ENERGY AND MINERALS DEPARTMENT

### OIL CONSERVATION DIVISION P. O. BOX 2088

Form G-1	103	- 4
Adopted	10-1	74
llevised	10-1	-78

12. County AUA ANA

NO, OF COPIES RECEIVED		REVISED IU-I;
DISTRIBUTION		
File	CHRIDDY NOTICES AND DEPORTS	•
N. M. B. M.	SUNDRY NOTICES AND REPORTS	5. Indicate Type of Lease
ູປະເ <b>.ຮ. ຜ.</b> ຮ	ON CEOTHEDWAL DECOMPOSE WELLS	State Fee
Operator	GEOTHERMAL RESOURCES WELLS	5.a State Lease No.
Land Office		572
Do Not Use This Form for Proposals to Drill For Permit —" (Form G-101) for Such Propo	or to Deepen or Plug Back to a Different Reservoir. Use "Application sals.)	
1. Type of well Geothermal Producer	Temp. Observation	7. Unit Agreement Name
Low-Temp Thermal	Injection/Disposal	N/A
2. Name of Operator  ACEXER: MASSON	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8. Farm or Lease Name
3. Address of Operator  DRANCE T LINU	NOOD, KS. 66052	9. Well No. 21
4. Location of Well		10. Field and Pool, or Wildcat
Unit Letter 18 2450	Feet From The EAST Line and 369, 6 Feet From	RADUM SDGS KGR

<del>/////////////////////////////////////</del>				
16.	Check Appropriate Box To Ind	icate Natui	re of Notice, Report or Other Data	*
NOTICE OF	FINTENTION TO:	_	SUBSEQUENT	T REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	:	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON			COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS		CASING TEST AND CEMENT JOB	اسا
Mary Mark of Control of the Control		_	OTHER	And the state of t
OTHER		🗆 📗	•	•
and the second second				and the co
17. Describe Proposed or compl	leted Operations (Clearly state all p	pertinent de	tails, and give pertinenet dates, include	ing estimated date of starting any

Township 21 & Range I W

15. Elevation (Show whether DF, RT, GR, etc.)

10

proposed work) SEE RULE 203. WILL NOT BE USED A3 SIMILL CASING SIZE, LIMITING PUMP SIZE REQUIRED AND

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

VIDITIONS OF APPROVAL, IF ANY:

### 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				1.5		
DISTRIBUTION File				1	. Indicate Type o	
N.M.B.M.	1		MIT TO DRILL, DEEPEN	·, —	.a State Lease No.	FEE X
U.S.G.S.	UR PL	UG BACKGEOTHE	RMAL RESOURCES WE	LL		
Operator	·					THITTI
Land Office						
1a. Type of Work Drill	]	Deepen	Plug Back 🔲	7	Unit Agreement	Name
		•			N/A	
	nal Producer 🔲		Temp Observation	8	. Farm or Lease N	ame
· Low-Tem	p Thermal	t:	njection/Disposal 🗆	_	Bailey	
2. Name of Operator				9	. Well No.	
Alex R. Masso	on, Inc.				# 21	M
3. Address of Operator F Linw	rood KS 6605	2			o. Field and Pool, adium Spri	
4. Location of Well UNIT LETT	ER B . LOCA	2450.8 <sub>FEET</sub>	FROM THE East	LINE		
2626	7T 13	10 0	1 0 1 1.7			
AND 369.6 FEET FROM	THE NOTTHINE OF	SEC. LU TWP. &	1 S <sub>rge.</sub> 1 W	NMPM	2. County	
		ona Ana				
			+++++++++++++++++++++++++++++++++++++++	4444		<i>4444</i>
		++++++++	19. Proposed Depth 1	9A. Formation	11111111111111111111111111111111111111	otary or C.T.
						Rotary
21. Elevations (Show whether DF,	RT, etc.) 21A. Kir	ed & Status Plug, Bond	21B. Drilling Contractor Lar-Jon Drill:	ing	<sup>22</sup> . Approx. Date 4/25/86	·
<u> </u>				8	4/2//00	
		PROPOSED CASING A	ND CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT		SACKS OF C	EMENT	EST. TOP
9 7/8"	70.D.	# 17	20-180	5-20	S1	urface
		<u> </u>				
			•			
			r as much as no	ecessary	to ensure	е
casing snoe	e penetrates	at least 2.	of Rhyolite.			
·						
				•		
			•			
			<b>4</b>			
IN ABOVE SPACE DESCRIBE PRO Zone, Give blowout preventer progra	POSED PROGRAM: m, if any.	If proposal is to deepen	or plug back, give data on p	resent producti	ve zone and propo	sed new productive
i hereby certify that the information	above is true and cor	uplete to the best of my	knowledge and belief.			
Signed Bur A Fly	quald	_ <sub>Title</sub> Opera	tor	Dar	4/25/8	6
(This space for Sto	ate Use)		errette den de set del promote a magne, l'arrête de la proposa de la proposa de la proposa de la proposa de la Proposa de la proposa de l	O The state of the		
Das		MICTO.	ICT SUPERVISC	)R	11	/
APPROVED BY JOS CAN	low	TITLE UIGIK	INT ON PUANTOR		TE 4-29	-86
CONDITIONS OF APPROVAL, IF A	ANY:					

# OIL CONSERVATION DIVISION

Form G-102 Adopted 10-1-74 Revised 10-1-28

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator		All distances in	Lease	outer_boundari	es at the Section	(1)	Well No.
Unit Letter B	Section . /O	Township T21	1	R IW	County	ONA AN	4 COUNTY
Actual Footage Loca	tion of Well:		:			,	**************************************
2450.8 Ground Level Flev. 4000	feet from the Producing For	EAST nation	line and Pool	3.69.9	feet from the	North	Dedicated Acreage:
			wall but aglar	ed manail or b	bura marelea	on the plat	Acres
1. Outline t	the acreage dedicat	ed to the subject	well by color	ea pencil of n	achure marks	out the plat	uciow.
2. If more and roya		dedicated to the	well, outline	each and ider	ntify the owner	ership thereo	f (both as to working interest
	than one lease of itization, unitization		-	d to the well.	, have the into	erests of all	owners been consolidated by
☐ Yes	☐ No If an	swer is "yes," typ	e of consolid	lation		·	
If answer is necessary.)	"no," list the ow	ners and tract de	scriptions wh	ich have actu	ally been cons	solidated. (U	se reverse side of this form if
							communitization, unitization, ed by the Division.
	1	61	77/2 / A	1	erass f		CERTIFICATION
		WELL OF		1 S420.8	Secret Con.	contained	certify that the information herein is true and complete to
,		אטאילושט	IN NE IN	1		the best to	of my knowledge and belief.
	+					Name Beu	CE A. FITZBOOKED
				1	1	Position	PERATOR
	\ 						EX R. MASSON, ING.
	1			1 .		Date 4	24 86
	[ f					I hereby	certify that the well location
	l V			-		1	this plat was plotted from field actual surveys made by me or
	i			1		i	supervision, and that the same
	 			1		l .	nd correct to the best of my e and belief.
	· · - +			· <del></del>		De A	BOTOREC
	1		•	 		IXION UNIVERSE	MEL
	"   			1	1,	rteristered 19	Masional Ingineer Surveyor
						No.	AND SURVEY 2.11
The state of the s			Page 1994	Charleson Ch		Certificate N	AND SU

# NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

### GEOTHERMAL RESOURCES WELL LOG

Operator	Alex. R	. Masson, I	.^c			<u> </u>	
Address	Drawer	F. Linwoo	d KS	66052			-··- <u>-</u>
Reservoir	Radium	Springs					
		. 0		Well No	21	_Unit Letter_	В
Location:		369.9	_ feet from	the	orth	line	and
	2450.8	_ feet from the _	east		line Section	10	
Township	215	·	Range _	IW	Cour	nty Dona	Ana

#### FORMATIONS PENETRATED BY WELL

DEPT	н то		Drilled or		
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION
٥	10 -	10-			
10	30	20			
30	50	20-			
50°	280	230-			
				•	
					-

### 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 fames M. Dross Position Project Hydrogeologist Date June 5, 1986

# 21

30-50

0-10 Light brown clay silt, send, and small be redire petibles of volcanz fraguents

10-30 - Purplish-brown volcanic material containing abundant feldsper pheros. Probably mudflow, but possibly altood decite (?) or (?)

Light brown clay, silt, and sand. Minor frequents of tuff.

Mostly pink to pinking my rhyolite porphyry. Chips are mostly angular's formation appears well inducated. Minor amount of light green toff at 200 to 240.

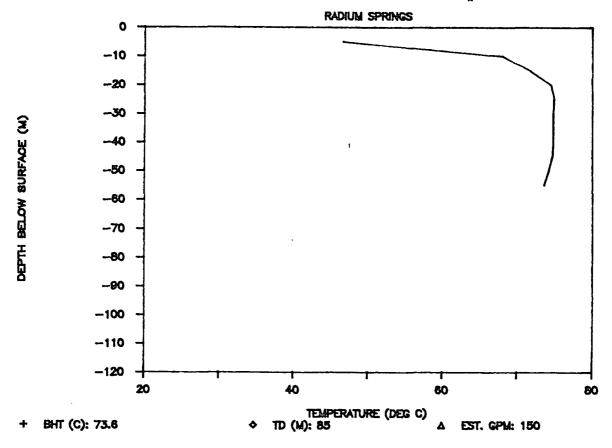
# NEW MEXICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501

### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Lea: Uni Res	se Name t Letter ervoir	B E Ra	ailey 3 dium Sp	Sec	10	Т	Wel	Address Drawer F Linwood KS 66052  Well No. 21  215 Rge IW  County Dona Ana				
			1	,					ICAL MARKERS		DEPTH	
Com	pleted drilli	ng	April :	29 , 19	86			Bell Top 1	formation_	0	- 280-	
			•									
Junk		none								_		
Com	menced pro	ducing						Geologic a	ge at total depth	: Olige	scene	
···			(Đate)	·			D	roduction Tes	+ Data			
Shut-in well head												
Date				Total Mass Flow Data				1 0 10		Separato	т	
	Temp. "I	Pres. I	sig. L	.bs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
				<u>-</u>								
						<u> </u>		<u> </u>		<u> </u>	<u> </u>	L
						ASING REC		<del></del>				
Size of	Size of	Weight of	Grade of	New or	Seam		Depth of	Top of	Number of Sacks	Top of		ent Top
Hole	Casing	Csg/ft.	Casing	U se d	Lapu		Shoe	Casing	Cement	Cement		mined By
97/8"	7°00	171bs.		New	Seam	ess	35	+ 1 feet	8	O GR	Višua	ally
												<u> </u>
			(9)	ize, ton bo	ttom nerfo		ATED CA		ation and method	1)		
								pacing or perior	ation and method			
Was	inalysis of e	ffluent mac	ie? <u>none</u>	Electrica	al log depths	none			Temperature log	depths	180 fee	<u>t</u>
	CERT	IFICATI	ON									
			that the wledge and		on given a	bove and th	he data an	d material att	ached hereto a	re true and co	mplete to th	he
	nesi c	, my kac	vvicuge all	G Dellet.								

Signed James M. Gross Position Project Hydrogeologist Date June 9, 1986

### MASSON GEOTHERMAL WELL #21



# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

### GEOTHERMAL RESOURCES WELL HISTORY

Operator FILEX K. MASSON ING. Address DRAWEN F. LINWOOD KANSAS 6605.
Lease Name Ba: Ley Well No. 21
Unit Letter <u>B</u> Sec. 10 Twp. 215 Rge 100
Reservoir Radium SPRINGS County DONA ANA,
It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting, and initial production data and zone temperature. (Attach additional sheets if necessary.)  Date  188/86 COMMERCE DRILLING CREF. FORM G-106-)
19/86 COMPLETED DRILL, - 6
CACILL 7"OD SEAMLESS SHOE DEOTH 36"
CEMENTED TO SURFACE WITH & SACK'S CEINE-T, VISUALLY ATSURFACE
1-86 REF. RESULTS OF GROUND WATER MONITORING & PUMP TESTING INTHE RADIUM SPRINGS GEOTHERMAL AREA NEW MEXICO SUBMITTED EARLIER PREPARED BY JAMES T. GROSS OF.
MALCOLM PIRNIE INC. DATED 8-21-1986

· 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 Brue Attlzquall

Position Operation Mga.

Date 2 22 87

### OIL CONSERVATION DIVISION

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 OPERATO Name	R Alex R	MA	SSON TA	<i>.</i>		•
Address	DRAWER	F.	Linwood	KANSA	2 6605:	<u>L.</u>
TYPE OF WELL						
Geothermal Producer [	]	Low	-Temperature The	ermal [X]	In	jection/Disposal [ ]
REASON FOR FILING New Well [ ] R Change in Ownership [ Other (Please Explain) Perform Ro	1 Designation	n of Purc	chaser []	//-/8	-86	
DESCRIPTION OF WEI						
Lease Name —————		Well	<u> </u>	Name	of Pales	10 S.P.O 6 4
			Lease	Reserv	oir <u> </u>	X4 3/ K/N 63
Kind of Lease (Fee, Fed. or State)						
LOCATION Unit Letter B; 2 4 50. Section 10 County Dana	Township	21	fect from the _		r 1ω	line of
TYPE OF PRODUCT						
Dry . Steam	v	team and Vater			Low Temp. Fhermal Water _	λ'
•	RCHASER OF PR		INC			
Address of Purchaser DRA a	IER F.	Lii	wood 1	YAUSA.	5 660	52
Product Will Be Used For 2 PE	EN Hews	= N	EATIN 6			
	ADLLANOE	•	<b>'•</b>			

### 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 Brue A Fitzquald	Position Operation Man Date 2/22/87
Approved La Ephino	PORISTRICT SUPERVISOR 4-22-8

### ALEXIR. MASSON, INC.

P.O. BOX 20 RADIUM SPRINGS, NM 88054 PHONE (505) 524-1791 FAX # 526-10-50



FAX COMMUNICATION

COMPANY:		3643	<del></del>	Bauce Fitze	<u>auld</u>
	John John		DATE:	2/10/93	
SUBJECT: S	UNDER MOU	LES			
NUMBER OF PAGES	INQUIRY	PLEASE CONFIRM	ORDER	IN RESPONSE TO YOUR REQUEST	FOR YOUR INFORMATION
2					
WELL# 2	5 - DISPO	can wen			
went z	يا - دللي	ce cour	Con	·	
· · · · · · · · · · · · · · · · · · ·					

### STATE OF NEW MEXICO

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

Form G-1	03
Form G-1 Adopted	10-1-74
Revised	10-1-78

	SANTA FE
NO, OF COPIES RECEIVED	34.14.12
DISTRIBUTION	,
File	SUNDRY NO
N. M. B. M.	SUMBRY NO
Ú. S. G. S	GEOTHERMA
Operator	GEOTTEIN
Land Office	

SUNDRY NOTICES AND REPORTS ON GEOTHERMAL RESOURCES WELLS	5. Indicate Type of Lease  State Fee   5.a State Lease No.
	THE THE THE THE THE THE THE THE THE THE
pen or Plug Back to a Different Reservoir. Use "Application	

Temp. Observation	7. Unit Agreement Name
Low-Temp Thermal Injection/Disposal	N A
2.0 Name of Operator	8. Farm or Lease Name
ALEX R MASSON INC.	BAIL
3. Address of Operator	9. Well No.
DIZAWER F, LINWOOD, KS 66052	# 22:
'4. Location of Well.	10. Field and Pool, or Wildcat
4. Location of Well.  Unit-Letter  Line and 374  Feet From	RADIUM SPGS K-6. R. A
The NORTH Line, Section 10 Township 215 Range 1W NMPM.	
[[]][][][][][][][][][][][][][][][][][]	12. County
111111111111111111111111111111111111111	DONA ANA
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Da	ta
NOTICE OF INTENTION TO:	NT REPORT OF:
PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON COMMENCE DRILLING OPNS.	است
PULL OR ALTER CASING	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]
STOLE OF ALLER CASING	
OTHER	
OTHER COMMENCE PRODUCTION	in the second se
OTHER COMMENCE PRODUCTION D	
Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinenet dates, inch	iding estimated date of starting any
proposed work) SEE RULE 203.	
	- 1 to the first the second of

18 I hereby certify that the information above is true and complete to the best of my knowledge and belief. APPROVED BY

DITIONS OF APPROVAL, IF ANY:

# 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	Type of Lease		
File .	APPLI	CATION FOR PERMI	T TO DRILL, DEEPEN	1_	STATE	FE	E 🔀	
N.M.B.M.			MAL RESOURCES WE		5.a State Le	ase No.		
U.S.G.S.						<b> </b>		
Operator								
Land Office				- <del></del>	VIIIIII			
1a. Type of Work Drill	\$ 0	Deepen 🗆	Plug Back 🗀		7. Unit Agre	ement Name		
b. Type of Well Geothermal Producer  Temp Observation   Low-Temp Thermal  Injection/Disposal   8. Farm or Lease Name  MASSON								
2. Name of Operator	? Museral INT			<del>,</del>	9. Well No.			
3. Address of Operator 10. Field and Pool								
DRAW +	1000001	5/5/	30		EADIUM S	5865. K.G.F	6. P <del>1</del>	
1 .1	THE N LINE OF			LINE				
					12. County		1111,	
444444444	414444	<i>HHHH</i>	<i>}}}<i>}}<i></i>}</i></i>		DONA AN		<i>HH</i>	
							////	
			19. Proposed Depth 1		77777777		77777	
			19. Proposed Depth	9A. Formati	on .	20. Rotary or C.T.		
					<del></del>	ROTARY	<del></del> -	
21. Elevations (Show whether DF,	<i>K1</i> , <i>etc.</i> ) 21A. Kind	& Status Plug. Bond	21B. Drilling Contractor LAR-JON			x. Date Work will st	tart	
	P	ROPOSED CASING ANI	D CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS O	F CEMENT	EST. TOP		
	- 7/11							
171/2"	12 3/4"	25.22	40'	32	<u> </u>	SURFACE		
			<u> </u>	ــــــــــــــــــــــــــــــــــــــ				
* T WINIMM	M of 20	SURTACE	90, JUISTO	AS .mu	H AS	DECESSAL	f	
TO ENS	upe casing	o shoe ten	CASING, OR ETRATES AT	LEAR	r 21	OF RYHOUT	É.	
				•				
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			•					
		·						
•		,						
			•					
			•					
N ABOVE SPACE DESCRIBE PRO one. Give blowout preventer progra		proposal is to deepen o	r plug back, give data on p	resent produ	ctive zone and	proposed new pro	ductive	
hereby certify that the information		plete to the best of my	encovledge and bolisf					
1	^ ^	and to the ocal or my			1	مام		
igned Bruce A. +D.	3gualde	Title UKERTO	<u>r</u>		Dute 11/29	0/00		
(This space for S.	ute bsej				<u> </u>			
[ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	//	y to an angle of						
APPROVED BY Key Sol	Sison	TITLE DISTRIC	T SUPERVISO	R .	DATE 12-	-1-86		
CONDITIONS OF APPROVAL, IF	ANY:				JAIR			
	· · · · · · · · · · · · · · · · · · ·							

# OIL CONSERVATION DIVISION P. O. BOX 2008 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 dist	ances must be from	n the outer boundario	s of the Section.		
Operator ALEX	R. MASSON IN	ا. ا	ease			Well No.
nit Letter Sect	ion Township	T. 215.	Range R.I W.	County	ONA ANA	
ctual Footage Location	of Well:					
	feet from the	line an		feet from the		line
round Level Elev. 4005	Producing Formation	Pe	ool Ra Ouring	SPRINGS	. Dedica	ated Acreage:
						10.00 Acres
1. Outline the a	creage dedicated to the s	subject well by o	colored pencil or h	achure marks or	a the plat below	•
2. If more than and royalty).	one lease is dedicated	to the well, out	line each and iden	itify the owners	ship thereof (bot	h as to working interes
	n one lease of different of tion, unitization, force-po	•	icated to the well,	have the interes	ests of all owner	rs been consolidated by
☐ Yes ☐	No If answer is "ye	es," type of con	solidation			· · · · · · · · · · · · · · · · · · ·
If answer is "no necessary.)	," list the owners and t	ract descriptions	s which have actua	ally been consol	lidated. (Use rev	erse side of this form i
	will be assigned to the or otherwise) or until a new	on-standard unit	, eliminating such	interests, has be	een approved by	
	<b>-</b>	HUSGLOBRA.		SECTION C	or	· · · · · · · · · · · · · · · · · · ·
	374.3'	WELC	1 1	USGLO BRASS CAP	CER	TIFICATION
·		9	20040, 2 MM/4 MM/4 V		contained hereir	fy that the information n is true and complete to knowledge and belief.
	 	7'			Name	
} }	1		1	P	Position	
			1 		Company	·
	! !		i	L	Date	
	1		1	1 -		
			1			
	i		i I			y that the well location
·	. 1		i		•	lat was plotted from field
	i 		1	.		surveys made by me or vision, and that the same
	1		1		•	rrect to the best of my
	i		İ		knowledge and L	·
	· <del>  </del>	ļ			C A	BOL
			i		News	MAZYME
	1	-	1		Date Sprvoyed	13/6
	1		1		ch to	312/21
	1		.	l	xegistared Professional or Land	
	1		1		NMELS	AND SURVEYO
	-passe -passe				Certificate No.	A STORY FOR A STORY OF THE STOR
1 330 Neu 40	1320 1050 1980 2310 26	40 2000	1500 1000	100 0		

### OIL CONSERVATION DIVISION

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

Addraga	DRAWER	f Lynn	and Kan	cos 6.	6252	
Madiess	470. M (A) F 10	1 2 /N W E	<u> </u>			
TYPE OF WEI	. T					
Geothermal Pro		I ow-	-Temperature The	ermal [ <b>V</b> ]	Injec	tion/Disposal [ ]
Oodinoi mai 11	ounos. [ ]	20,,	Temperature The		mjec	tion/Disposar [ ]
REASON FOR	FUING					
	Recompleti	f l no		•	•	
Change in Own	nership [ ] De	esignation of Purc	haser [ ]			
Other (Please I	Explain) [ ]		· · · · · · · · · · · · · · · · · · ·			
PER	Explain) [ ] MR. Roy Jo	HNSON LE	TTER DAT	Ed 11	-18-86	
,	,					
DESCRIPTION	OF WELL	Well		Name o	of	
Lease			22	Reserve	oir RAdius	SPRINGS
Kind of Lease			Lease			
	State)					
,	,					
LOCATION						*
Hait	20			_		
						line and
	269		_feet from the _	NO	e7H	line of
Section	To-	wnship	2/5	Range	10)	
	DONA AN					
	C) 10 10 10 10 10 10 10 10 10 10 10 10 10	FY				
TYPE OF PRO	DUCT				•	
Dry	,	Steam and			ow Temp.	
Steam		Water		Т	hermal Water	X
	N OF PURCHASEF	OF PRODUCT				
Name of	OLEX R	MM 550 W	IN.C			
	•					
Address of	PROWER	F. Liva	roed Ko	מ מ מ מ מ	66052	
Product Will	DRAWER GREEN HO					
Be Used For	AREEN HO	U-SE HER	ATING			
· · · · · · · · · · · · · · · · · · ·		•	·•			
CERTIFICATE	E OF COMPLIANC	E				

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 Brund Flaguell	Position Operation Mar Date 2/22/87
Ker & Shanne	PASTRICT SUPERVISORIE 4-22-8
Approved 7 7 2/1000	Position VI Strate VISCORIC 17200

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

#### GEOTHERMAL RESOURCES WELL HISTORY

Operator .	ALEX	R. MA	550 N	INC.	Add	ress DRAW	en f.	Linwood	KANSAS	66052
	ne Baile				Well		2			
Unit Lette	er		_Sec	10	Twp	215	Rge	iw		
Reservoir.	Rodias	SPRI	n 6.5		Cou	nty DON	A RUA			

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting, and initial production data and zone temperature. (Attach additional sheets if necessary.)

Date

THIS WELL WAS COMPLETED AT TO 120' And IS UNDER GOINE

STABILIZATION & TEMP. LOGGING AT THIS TIME

WELL 22 WILL BE TESTED AT A KATER DATE. AND THE INFORMATION

GATHERED FOR WARDED AT THAT TIME

PRICLERS LOG WILL BE FORWARDED WHEN RECIEVED

#### 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	Bund	1. Ft 39	mall
_ 3			

Position Operation Mgs. Date 2/22/87

### STATE OF NEW MEXICO

# OIL CONSERVATION DIVISION

Form G-1	60
Adopted	10-1-74
Revised	10-1-78

ENERGY AND MINERALS DEPARTMENT	Adopted 10-1-74	
NO, OF COPIES RECEIVED	SANTA FE, NEW MEXICO 87501	Revised 10-1-78
DISTRIBUTION		
File .	OUND DV NOTICE AND DESCRIPTION	the second of the
N. M. B. M.	SUNDRY NOTICES AND REPORTS	5. Indicate Type of Lease
U. S. G. S	ON CECTIFERMAN DESCRIPTION	State Fee
Operator	GEOTHERMAL RESOURCES WELLS	5.a State Lease No.
Land Office	•	2000
	Deepen or Plug Back to a Different Reservoir. Use "Application	
1. Type of well Geothermal Producer	Temp. Observation	7. Unit Agreement Name
Low-Temp Thermal	injection/Disposal	N/A ***
2. Name of Operator  AUX E, MASS	OD INC.	8. Farm or Lease Name
-3. Address of Operator		9. Well No.
DRANGE F, LINUS	TOD, KS 66052	23
4. Location of Well	Feet From The CACT Line and 369 Feet From	10. Field and Pool, or Wildcat
	BADIUM SPGS, KG.RA	
The Line, Section 10	TownshipRange   WNMPM	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	4000 FT	DONA ANA
16 Check Approp	riate Box To Indicate Nature of Notice, Report or Other D	ata : "The same seen
NOTICE OF INTENTION TO	r—-	ENT REPORT OF:
PERFORM REMEDIAL WORK LJ PLUG	AND ABANDON : L REMEDIAL WORK	ALTERING CASING
	COMMENCE DRILLING OPNS.  GE PLANS  CASING TEST AND CEMENT JOE	PLUG & ABANDONIMENT
		* **
OTHER COMMENCE PRODUCTION	ORAFTONS OTHER	Mary 1
<u> </u>		
17. Describe Proposed or completed Operations	(Clearly state all pertinent details, and give pertinenet dates, inc	uding estimated date of starting any

proposed work) SEE RULE 203.

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

APPROVED BY

"IDITIONS OF APPROVAL, IF ANY:

### OIL CONSERVATION DIVISION

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

Date

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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Airy.

méskipaka:

a militariore

Transport Greek Mala

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

OWNER OR OPERATOR Name	ASSON INC.	•	
Address DRAWER +	LINWOOD KANETS	6605-	
TYPE OF WELL  Geothermal Producer [ ]	Low-Temperature 1		Injection/Disposal [ ]
A SECTION AND A SECTION ASSESSMENT AND A SECTION ASSESSMENT ASSESS	_	•	
REASON FOR FILING New Well + Recomple Change in Ownership [ ] Other (Please Explain)	Designation of Purchaser [ ]	* .	
Other (Please Explain) [	HUSON LETTER DAT	1613 11-18	-46
DESCRIPTION OF WELL Lease Name	Well 23	Name of Reservoir	ADIUM SPIZINGS
Kind of Lease (Fee, Fed. or State)	Lease Number		Marie par marie de la companya del companya de la companya del companya de la companya del la companya de la co
LOCATION			
Letter 369; 240		ne EAST ne NORTH	line and line of
Section	Township 215	Range · IW	
County DINA ANA		·	A Company
TYPE OF PRODUCT	Steam and Water	Low To	emp.
Steam	water	1 monne	V COMPARED O
DESIGNATION OF PURCHAS	•		A STATE OF THE STA
Purchaser ALCY P	MASSON INC.		Control of the Contro
Purchaser DRANCR F	= UNWOOD, KAW	sas 6605	2 196 1966
Be Used For M.	LOUSE HEATING		Section Constitution
CERTIFICATE OF COMPLIA		,	
promulgated by the Oil Con-	and regulations concerning geoth servation Division of New Mexic rmation given above is true and co	co, have been complie	d with, with respect to the
Signed Press A	Flzyelo	Position Operation	tion light Date

Position



FLOWERING PLANTS DECORATIVE FOLIAGE PLANTS ANT CARE ACCESSORIES

913 / 723-3222

Linwood, Kansas 66052

OIL CONSERVATION DIV. P.O. STATELAND OFFICE BUSE OIL CONSERVATION DIVISION

SLUTA FE\_ U.M. 87501 ATTU: MR. ROY JOHNSON

ENCLOSED PLEASE FIND COPIES OF SEVERAL FORMS STILL NOT COMPLETE IN OUR FILE. THERE WILL BE others comino shortly to complete THO MATTER.

SANTA FE

WELL NO.

21 - 103/

22 - 103

23 - 103, 104

PILLASE LET ME KNOW IF THESE ARE NOT PHONE 524- 1791

SOLRY FOR THE DELKY

SINCEPELY Brue Flzgrold

P.S. I WILL BE IN CONTACT WITH YOU SOON REGARDING DUMPING REQUIREMENTS CTZ.

# STATE OF NEW MEXICO

# OIL CONSERVATION DIVISION

Form G-1	03
Adopted	10-1-74
Davisad	10-1-76

ENERGY AND MINERALS DEPARTMENT	P. O. BOX 2088	Adopted 10-1-74
NO. OF COPIES RECEIVED	SANTA FE, NEW MEXICO 87501	Revised 10-1-78
DISTRIBUTION		
File		
	SUNDRY NOTICES AND REPORTS	C. Indiana Tunnud Lunn
N. M. B. M.	ON	State State State State
U. S. G. S	GEOTHERMAL RESOURCES WELLS	
Operator	• '	5.a State Lease No.
Land Office		
Do Not Use This Form for Proposals to Drill or For Permit -" (Form G-101) for Such Proposals	to Deepen or Plug Back to a Different Reservoir. Use "Application	
<u></u>		7. Unit Agreement Name
Type of well Geothermal Producer	1	1 1/1
Low-Temp Thermal	Injection/Disposal	8. Farm or Lease Name
2. Name of Operator	7 11	
Alex & MASSON	LICI	MASSON
3. Address of Operator	1	9. Well No.
DRAWER F LINNIOS	d K5 6005 -	
4. Location of Wel'	216/	10. Field and Pool, or Wildcat
Unit Letter 1 246018	Feet From The SAST Line and 369.6 Feet From	RAJIAM SM. KORA
1		
The Line. Section	Township 1215 Range RIW NMPN	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	40.00 GK	Amp Pour
Charle America	priate Box To Indicate Nature of Notice, Report or Other E	
16. Check Appro	ophiate box to indicate frattile of Notice, Report of Other L	ota (a
NOTICE OF INTENTION T	ro: subsequ	ENT REPORT OF:
PERFORM REMEDIAL WORK 🛄 PLUG	AND ABANDON REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING CHAN	NGE PLANS CASING TEST AND CEMENT JO	в 🗀 .
•	OTHER	<del></del>
отнея		<u> </u>
17. Describe Proposed or completed Operations	s (Clearly state all pertinent details, and give pertinenet dates, inc	duding estimated date of starting any
proposed work) SEE RULE 203.	•	
	·	A ·
11/2 010000	To case This well To 20'	with
we propose	10 00 1 1115 DOC-C 10 120 1	
2 1/1	eamless casing	•
127.,188 5	eamless CASINS	
	·	
·		
	•	
18. I hereby certify that the information above is	s true and complete to the best of my knowledge and belief.	_
A		1,-1-
SIGNED BALL A +TL	TITLE OPOLATOR	DATE 11/19/96
	27	
(, )a, []		
Ky C Dhu	DISTRICT SUPERVISOR	11-21-96

CONDITIONS OF APPROVAL IF ANY:

### OIL CONSERVATION DIVISION

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 - Name	ALEX R MA	SSON IN	c ,	
OWNER OR OPERATOR Name Address	DRAWER F 1	i promoti	cc 65052	
TYPE OF WELL Geothermal Producer [ ]				·
REASON FOR FILING New Well [X] Reco Change in Ownership [ ] Other (Please Explain)	Designation of Purc	haser [ ]		
DESCRIPTION OF WELL Lease Name	Well No	23	Name of Reservoir	RAdiam Springs
Kind of Lease (Fee, Fed. or State)		Lease		
LOCATION Unit Letter 3;	2460.8	feet from the	EASO	line and
Section 10 County Dona A	Township	feet from the	NONTA Range R1	line of
TYPE OF PRODUCT Dry Steam	Steam and Water		Low To	emp. d Water
DESIGNATION OF PURCH Name of Purchaser Alex		~ Inc		
	er F Li	n wood	KS \$605	2
Product Will Be Used For	House Hes	41708		
OFFICIATE OF COMBI	LANCE	F.		

### CERTIFICATE OF COMPLIANCE

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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 Bry A. Filzgul	Position 6. Max. Date 11/14	191
Approved Ty Eller	DISTRICT SUPERVISOR 11-21-	.96
		_

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

### OIL CONSERVATION DIVISION

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

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

### GEOTHERMAL RESOURCES WELL LOG

Operator AL	ex R, MASS	on Inc.		
Address De	Awed F Li		5 66052	-
ReservoirRA	dian Spring	5		
Lease Name		W	ell No. <u>23</u>	_Unit Letter
Location: 24		feet from the	EAST	line and
<u> </u>	eet from	the NORTH	1line Section _	10
Township	215	Range <i>_</i>	21W Coun	LY NONA ANA

#### FORMATIONS PENETRATED BY WELL

DEPT	н то	~··	Drilled or		
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION
0	15	15			FRACTURE RYOLITE RYOLITE WITH FEWER FRACTURES
15	120	105			RyoLite with Fener Fractures
•					
				_	
					•
					·

### 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 Bu	A. Filzgund	Position G- Mar.	Date 11/14/9L
		3	

### OIL CONSERVATION DIVISION

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

Ope Leas Unit Res	rator/ se Name t Letter ervoir	ALOX B RALiu	м Sp	MA-550 Sec Sec	10 5	سو	Addr Well Twp. Cour	No. $\frac{1}{121}$	23 S Rg ONA AN	212000 e <u>R1</u> 4	d 195 6	605 2
Com	menced drill pleted drillir	ling	11-29	8-89 0-89				GEOLO	GICAL MARKERS		DEPTH	
	menced pro		<del></del>					Geologic	age at total depth	:		
	Sta	atic test				<del></del>	Pro	oduction Te	est Data			
a t e	Shut-ii	n well head	1		Total	Mass Flo	ow Data ·	*****		Separato	or Data	
	Temp. •1	Pres. P	sig. L	bs/Hr	Temp. °F	Pres. Ps	ig. Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
									•			
		ļ								,		
-												
		-										
					C	ASING E	RECORD (Pres	cent Hole)				<u> </u>
z.e	Size	Weight	Grade	New	Seam		Depth	Top	Number	Top	Cam	ent Top
le	of Casing	of Csg/ft.	of Casing	or Used	or Lapw	1	of Shoe	of Casing	of Sacks Cement	of Cement	j	mined By
12	123/3	186 mAll		Non	Seaml	e55	aone		23 CaFT	SULFACE	Wi	SUAL
					<del> </del>							
											_	
	<u> </u>			l			ORATED CAS		<u></u>			
			(Si	ze, top, bo	ttom, perfor	ated inte	rvals, size and sp	acing of perf	oration and method	1.)		
											····	
	· .										<del></del>	
Was	analysis of e	ffluent mad	e?	Electrica	il log depths	·	′.		Temperature log	depths		
	CERT	TIFICATIO	N									
												•

Signed Brund. Fil zend Position G. Mgr. Date 11/19/96

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

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

### GEOTHERMAL RESOURCES WELL HISTORY

Operator	Alex & MASSON INC Address DRAWER F Linwood KS 66052
Lease Na	$\mathcal{I}$
Unit Let	$\mathcal{C}$ $\mathcal{C}$
Reservoir	RAdium Specines County Dona ANA
1103011011	
1	It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting, and initial production data and zone temperature. (Attach additional sheets if necessary.)
Date	
-89	Commenced Dritting
0-89	Confleted Drittins
	CASTONS 1233". 188 WALL 20' NO SLOE 23 CUFT
	cenant Pump

**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 B.	ATEL,	هسس	Position	G. Max	Date MIG	196
- J	2			3		7

Form G-101 OIL CONSERVATION DIVISION STATE OF NEW MEXICO Adopted 10-1-74 P. O. BOX 2088 Revised 10-1-78 ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501 NO, OF COPIES RECEIVED 5. Indicate Type of Lease DISTRIBUTION FEE APPLICATION FOR PERMIT TO DRILL, DEEPEN. 5.a State Lease No. N.M.B.M. OR PLUG BACK---GEOTHERMAL RESOURCES WELL U.S.G.S. Operator Land Office 7. Unit Agreement Name Deepen Drill Plug Back 1a. Type of Work Temp Observation Geothermal Producer b. Type of Well 8. Farm or Lease Name Injection/Disposal Low-Temp Thermal MASSON 9. Well No. 2. Name of Operator ALEX R. MASSON, INC. 10. Field and Pool, or Wildcat 3. Address of Operator DRAW 7 LINWOOD, KS. 66052 RADIUM SPGS— K.G.R.A. UNIT LETTER B LOCATED 2460 FEET FROM THE EAST 4. Location of Well LINE FEET FROM THE N LINE OF SEC. 10 TWP. 21 S RGE. 1W AND 369 12. County DOUA ANA Proposed Depth 19A. Formation 20. Rotary or C.T. 21A. Kind & Status Plug. Bond 21B. Drilling Contractor 21. Elevations (Show whether DF, RT, etc.) PROPOSED CASING AND CEMENT PROGRAM SIZE OF CASING SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TOP A MINIMUM OF 20 SURFINE CASING, OR AR MUCH AS NECESSARY TO ENSURE CASING SHOE PENGTRATES AT LEAST 2 OF RYHOLITE.

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.

OPERATOR

OPERATOR

OPERATOR

Date

Approved by

Approved by

TITLE

DISTRICT SUPERVISOR

DATE

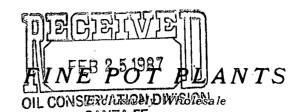
DATE

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

	······································	All distances mi	ust be from	the outer boundari	ies of the Section	n.	
Operator ALEX	R. MASSO	JUNG.	Leas				Well No.
Unit Letter	Section VO	Township 721 >		Range	County	A ANA	
Actual Footage Loca	tion of Well:						,
2460.8 Ground Level Elev.	feet from the	EAST	line and	369.6	feet from the	NORTH-	line Dedicated Acreage:
4000	Producing For	nation ·	100	PADIUM S	PRINGS		Acres
	the acreage dedicate	ed to the subject			<del></del>		
1. Oddine	ine acreage dedicate	ed to the subject	wen by co	lored penen or i	action many	on the plant	· ·
2. If more and roya		ledicated to the	well, outlin	ne each and ide	ntify the own	ership thereo	f (both as to working interest
				ited to the well	, have the into	erests of all	owners been consolidated by
commun	itization, unitizatio	n, force-pooling,	etc?				
☐ Yes	☐ No If an	swer is "yes," tyj	oe of conso	lidation			
***		:			11 1		
	"no," list the owr	ners and tract de	scriptions v	which have actu	ally been cons	solidated. (U	se reverse side of this form if
necessary.) _	le will be ession	ad to the wall	until all	interacts have	been consoli	dated (by c	ommunitization, unitization,
	~						ed by the Division.
	,	:	,				
	-	1977111	111/1		Brass P		
	1	2	. 3	. !	CAP SECTION		CERTIFICATION
·	1	<u>-1</u>	NW	4NW/4NE/4	COR	1	certify that the information
	ا ا	Ser VIII	und S			1	herein is true and complete to
	1	-	<del>-;                                    </del>	1 2460.8		the best of	f my knowledge and belief.
·	. !			1 .	. [	Renc	E FUZBELLO
	.l 	·				Name	e i vizebia
	1		·			DV	ERHON
- A	1					Position	P. MASSON, INT.
			1	!		Company	15/87
	1		1			Date	
•				i	:	<b></b>	!
	ı				:		
	1	4		t	:	ŀ	certify that the well location
	: <u> </u>			1 :	•		this plat was plotted from field actual surveys made by me or
1	i	•	:	1 :	; <b>,</b>		supervision, and that the same
			:	l .	`[	is true ai	nd correct to the best of my
	1		:	, 1	:		ond belief.
				- +		JAES A.	S. S.
	· • • • • • • • • • • • • • • • • • • •	İ		i	· //	- Justine	73, X42, 198/
	i		i'		1	Dale Surveye	2
	i †	1		i	1	gegistered tr	ofessional Engineer
				1	<u> </u>	Septo LAN	
		1	•	1		NN /22	5211
parameter parameter						Certificate N	
0. 310 000 0	99 1320 1650 1966	2 2 2 1 2 2 6 4 0	2000	1500 1000	, , , , , , , , , , , , , , , , , , ,	1	





Linwood, Kansas 66052

2/22/87

MR. ROY JOHNSON

O.C.D

DEAD BOY

I APOLOGIZE FOR GETTING THESE FORMS TO YOU SO LATE. HOPEFULLY, THEY ARE COMPLETED LOPPLETED, IF NOT, PLEASE CONTACT ME: 523 -7367

THANKS,

BRUCE FITZGENLD



FLOWERING PLANTS
DECORATIVE FOLIAGE PLANTS
PLANT CARE ACCESSORIES

913 / 723-3222

Drawer F

Linwood, Kansas 66052 414 87

UR. BOY JOHNSON
OIL CONSERVATION DIVISION
LAND OFFICE BLDG.
SANTATE, N.M. &7 501

MR. JOHNSON

FORMS, 6-101 AND 6-102 FOR YOUR APPROVAL.

WE WILL BE DESIGNATING THEN NEW WELL # 23, AND IT WILL BE DRILLED ABOUT 10 FEET FROM WELL #21.

I WILL BE INTOUCH WITH YOU SOON

KIND REGARDS

BOULL FITZBERYLD

P.S. WE NOW HAVE AN ADDRESS IN PADIUM SPRINGS!

RADIUM SPRINGS FARMS
BOX 20
RADIUM SPRINGS, NEW MEXICO
86054

STATE OF NEW MEXICO P. O. BOX 2088  ENERGY AND MINERALS DEPARTMENT SÄNTA FE, NEW MEXICO 87501	Form G-103 Adopted 10-1-74 Revised 10-1-78
NO. OF COPIES RECEIVED	Kettiged to 1 10
DISTRIBUTION	
File CUMPRY MOTICES AND REPORTS	
N. M. B. M. SUNDRY NOTICES AND REPORTS	5. Indicate Type of Lease
U. S. G. S	State Fee S
Operator GEOTHERMAL RESOURCES WELLS	5.a State Lease No.
Land Office	
Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)	
1. Type of well Geothermal Producer Temp, Observation	7. Unit Agreement Name
Low-Temp Thermal 🔀 injection/Disposal 🗆	N///
2. Name of Operator ALEY R MASSON INC.	B. Farm or Lease Name  MASSON
3. Address of Operator	9. Well No.
Drawer F Linwood KS 66852	&T
4. Location of Wel'  Unit Letter 6 2486.5 Feet From The WEST Line and 175.2 Feet From	Padinar Sh. KERA
The Marie Rection 10 Township T215 Range RIW NMPM.	
[TTT] [Show whether DF, RT, GR, etc.)	12. County
4063	Drat For
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Date	a
NOTICE OF INTENTION TO: SUBSEQUE	NT REPORT OF:
PERFORM REMEDIAL WORK D PLUG AND ABANDON X REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB	
OTHER	<del></del>
отнёя	•
17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinenet dates, inclusive proposed work) SEE RULE 203.	ding estimated date of starting any
Dry Hole Plugged and ABAN DON	
Day Hole 1 21 gge 110 C 15211	
•	
0-10' Cement Sluppey	
10-285 Ryolute-CLAY	
	·
·	

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief. TITLE DISTRICT SUPERVISOR DATE 11-29-96 CONDITIONS OF APPROVAL, IF ANY:

DEPTH

Top of Formation

#### OIL CONSERVATION DIVISION

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

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

### GEOTHERMAL RESOURCES WELL LOG

Address	BAJIMM	Spling S	feet from	66052
		FORMAT	IONS PENETRA	TED BY WELL
FO Bottom of Formation	Thickness	Drilled or Cored	Recovery	DESCRIPTION
4	4			Ryocite + CLAY
285	281			Ryolite + Clay
			İ	
		·	-	

Attac+ 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 Bu	A. Filggul	_ Position _	G. Mgs.	Date 11 14 4 L	
-			1		

### OIL CONSERVATION DIVISION

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

Oper Leas Unit Rese	rator se Name Letter ervoirR	c C adium	2. 11 m 5,00	MASS or Sec.	~ I,	υ с., }т	Addr Well wp. Cour	ess Dr. No. 7215  oty Do	4NER F 24 Rg	1,2000d	KS SE	5052
Com	menced drilling	ıg	10-2 10-3	-89 -89					GICAL MARKERS		DEPTH	
Tota	l depth	285	Իլսչ	gged depth								
Com	menced produ	ucing	(Date					Geologic	age at total depth			
	Stat	ic test					Pro	oduction Te	st Data		11.00	
a te	Shut-in	well hea	d		Total	Mass Flow	Data ·			Separato	or Data	
n	Temp. •F	Pres. P	sig. I	Lbs/Hr	Temp. *F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. *F
									-			
	-											
										4-		
			·		C	ASING REC	CORD (Pres	ent Hole)				
e	Size of	Weight of	Grade of	New or	Seam	I .	Depth of	Top of	Number of Sacks	Top of		ent Top
le		Csg/ft.	Casing	Used	Lapw	eld	Shoe	Casing	Cement	Cement	Deter	mined By
	NON	JC										
				ļ	!							
		· · · · · · · · · · · · · · · · · · ·										
		· · · · · · · · · · · · · · · · · · ·	<u> </u>		1	PERFOR	ATED CAS	SING	<u> </u>	<u>l</u>		
			(S	ize, top, bo	ttom, perfo				oration and method	1.)		
												1
Was a		luent mad		Electric	al log depths				_ Temperature log	t depths		
	l hereb	y certify			on given a	bove and ti	ne data and	material at	tached hereto a	re true and co	mplete to t	he <sub>.</sub>

Signed Bun A. Flynd Position G. Mgn Date 11/16/96

## OIL CONSERVATION DIVISION P. O. BOX 2000 SANTA FE, NEW MEXICO 07501

10 m 6-1	101		
Adopted	10-	ì	14
Restred	10-	1	11

VOLOF COPILS RECEIVED 5. Indicate type of Lease POSTIGIBUTION STATE !. APPLICATION FOR PERMIT TO DRILL, DEEPEN. State to 14,18,18,M, OR PLUG BACK-GEOTHERMAL RESOURCES WELL U.S.G.S. Cogrator and Office 2. Unit All ment Nonse 12. Type of Work Dritt Deepen 🗆 Plug Back Temp Observation Geothermal Producer [7] o, Type of Well 8. Parm or a case Norms Low Tomp Thermal - 2 Injection/Disposal MASSAN 2. Name of Operator 9. Well No 10. field and Pool, or Wilden DOAWER F 15/15 6605Z RADIUM SORES, K.G. RA .-Location of Well имим DONA ANA Proposed Depth DOTA2 PROPOSED CASING AND CEMENT PROGRAM SIZE OF CASING WEIGHT PER LOOT SETTING DEPTH SACKS OF CEMENT

ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone as proposed new plant of browning program, if any.

Telly certify that the information above is true and complete to the best of my knowledge and belief.

The OPERATOR

Title OPERATOR

DISTRICT SUPERVISOR

PATE

9-14-90

TITLE

DATE

### OIL CONSERVATION DIVISION

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

erator	22 244 -		Lease	nes or the Section.	Well No.
HUEZ it Latter	Section	Township	Range	County	124
1	10	T2		DONA AN	4
tual Footage Loca 2486,5	ation of Well:feet from the	WEST	line and 175, 2	feet from the NORT	7 <del>/-</del> line
jund Level Elev.	Froducing 1		Pool		Dedicated Actuage
4063			RADIUM -		10 Acts
1, Qutline	the acrouge dedic	nated to the subject	et well by colored pencil or	hachure marks on the plat	below.
2. If more and roya		s dedicated to th	ne well, outline each and ide	entify the ownership there	of (both as to working mic
commun	nitization, unitiza	tion, force-pooling		ly have the interests of all	owners been consolidat d
☐ Yes	□ No If	answer is "yes," i	type of consolidation		
If answer is necessary.)	"no," list the o	owners and tract (	descriptions which have actu	ually been consolidated. (I	lse reverse side of this for
		_	elf until all interests have andard unit, eliminating such		
3RASS	175.2	Willinilly e	MASS CAP 1		CERTIFICATION
Brass Cap Section	! 7	Mers	YY CORNER		
CORNER	486.5	SITE A	-NEHANEHANWHA	containe	r <b>certify</b> that the informat d herein is true and comple : <b>of my k</b> nowledge and belief
	1		\ <b>\</b>		
	1		1	Name	-
		+			
	, 			Position	
	1		1	Company	
			l		
	. 1		1		
	. !		1	Date	
			 	Date	
			! ! !		cectify that the well force
			         	I hereby	
				I hereby shown of notes of	n this plat was plotted from a
				I hereby shown o notes of under m	n this plat was plotted from a actual surveys mode by me y supervision, and that the se
				I hereby shown on notes of under m is true	n this plat was plotted from actual surveys mode by me y supervision, and that the sa
				I hereby shown on notes of under m is true	n this plat was plotted from a actual surveys made by me y supervision, and that the said correct to the best of
	+			I hereby shown on notes of under m is true	n this plat was plotted from it actual surveys made by me y supervision, and that the said correct to the best of it.
				I hereby shown on notes of under m is true	n this plat was plotted from it actual surveys made by me y supervision, and that the said correct to the best of it
				I hereby shown of notes of under in is true knowled  Registred	actual surveys made by me y supervision, and that the said and correct to the best of the and bullet.
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## OIL CONSERVATION DIVISION

•	Form G-1	03
	Adapted	10-1-7
	Revised	10-1-7

ENERGY AND MINERALS DEPARTMENT	P. O. BOX		Adapted 10-1-74 Revised 10-1-78
NO, OF COPIES RECEIVED	SANIA FE, NEW	MEXICO 07501	
DISTRIBUTION			
File ,	SUNDRY NOTICES	AND REPORTS	
N. M. B. M.	ON		5. Indicate Type of Lease
U. S. G. S	GEOTHERMAL RES	OURCES WELLS	State Fee 🖾
Operator			5.a State Lease No.
Land Office			
Do Not Use This Form for Proposels to Drill of For Permit —" (Form G-101) for Such Propose		ifferent Reservoir. Use "Application	
Type of well Geothermal Producer.  Low-Temp Thermal	Temp. Observation X injection/Disposal		7. Unit Agreement Name N/A
2. Name of Operator			8. Farm or Lease Name
ALEX R. MASSON, INC.			MASSON
3. Address of Operator		Printer and the second of the	9. Well No.
DRAWER F. LINWOOD, KS	66052		25
4. Location of Well Unit Letter A 2610 The NORTH Line, Section 1	Feet From The WEST  Township T215		10. Field and Pool, or Wildcat RADIUM SPGS. K.G.R.A.
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
16. Check App	V 4065	ure of Notice, Report or Other Da	DONA ANA
• •		<del>-</del>	
TEMPORARILY ABANDON	ANGE PLANS	REMEDIAL WORK COMMENCE DRILLING OPNS. CASING TEST AND CEMENT JOB	
OTHER			
17. Describe Proposed or completed Operation proposed work) SEE RULE 203.  WE PROPOSE TO WIDEN			daing esumated date of starting any

ORIGINAL <u>DIA</u>. 8.75" PROPOSED <u>DIA</u> 12.75" DEPTH 120' DEPTH 200'

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

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY\_

FEB-10-93 WED; 13:42

505 524 1791

P.03

#### OIL CONSERVATION DIVISION STATE OF NEW MEXICO OIL CONSERVE ON DIVISION P. O. BOX 2088 ENERGY AND MINERALS DEPARTMENT Adopted 10-1-74 SANTA FE, NEW MEXICO 87501 RECEIVED Revised 10-1-78 NO, OF COPIES RECEIVED DISTRIBUTION 193 FEB 15 AM 8 56 File SUNDRY NOTICES AND REPORTS N. M. B. M. 5. Indicate Type of Lease ON Fee X U. S. G. S State GEOTHERMAL RESOURCES WELLS Operator 5.a State Lease No. Land Office Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit --" (Form G-101) for Such Proposals.) 7. Unit Agreement Name 1. Type of well Geothermal Producer Temp, Observation N/A Low-Temp Thermal Injection/Disposal 8. Farm or Lease Name 2. Name of Operator ALEX R. MASSON, INC. MASSON 3. Address of Operator 9. Well No. DRAWER F. LINWOOD, KS 66052 2.5 10. Field and Pool, or Wildcat 4. Location of Well RADIUM SPGS. K.G.R.A Unit Letter A 2610 Feet From The WEST Line and 76.1 Feet From 10 Line, Section 15. Elevation (Show whether DF, RT, GR, etc.) 12. County 4065 DONA ANA Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON COMMENCE DRILLING OPNS. PLUG & ABANDONMENT PULL OR ALTER CASING CHANGE PLANS CASING TEST AND CEMENT JOB OTHER 17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinenet dates, including estimated date of starting any proposed work) SEE RULE 203. WE PROPOSE TO WIDEN THE DIAMETER AND DEEPEN THE HOLE. ORIGINAL DIA. 8.75" **DEPTH 120'** PROPOSED DIA 12.75" DEPTH 200'

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY \_

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

### STATE OF NEW MEXICO

## OIL CONSERVATION DIVISION P. O. BOX 2000 SANTA FE NEW MEXICO 87501

Free G-101 As opted 10-1-74 Free 10-1-78

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And Othice			·		
1a Type of Work	Dritt (A	Deepen 🔲	Plug Back 🔲	7. Unit y.	nivida is a
o, Type of Well	Geothermal Produced Low-Tomp Thermal		Temp Observation   njection/Disposal	8. Farm	SON
A. Name of Operator	R-MASSON	J, INC.		9. Well No. 2.5	
DRAWER T	= UNWOOD	, KMSAS 66	052	10: rield :	SP63, K612
tocation of Well	UNIT LETTER A	LINE OF SEE. 10 TWO T	FROM THE WES	TLINI.	
			19. Proposed Depth	DOWA DOWA 19A. Formation	R TALL
4065	whether DE, RT, etc.)	21 A. Ried & Status Plug, Bond	210. Diliting Contractor	22. gr:	ا ما الله الله الله الله
<del></del>	<u></u>	PROPOSED CASING A	ND CEMENT PROGRAM	<u></u>	2140
SIZE OF HO	size of co	SING WEIGHT PER 1001	SETTING DEPTH	SACRS OF CEMENT	SUNFALL
	kkk				

a Give biowout preventer program, if any.	one a lipropoliti new p
relig certify that the information above is true and complete to the best of my knowledge and belief.	
Bu A Flezquie Mich OPERATOR	1/25/90
(Type space for State Use)	
DISTRICT SUPERVISOR	9-14-90

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

HLEX	R MASS	04/140		mar.			Well No.
Init Letter	Section 10	Township	TZIS	Range	County	ONA ANA	
ctual footage Loc		<u></u>	· -, -, -, -, -, -, -, -, -, -, -, -, -,	1777	<u> </u>	ONA HNA	-
26103	feet from the	WE:	57 line and	76.1	feet from the	NORTH	line
Gryund Level Elev. 4065	Froducing F	ormation	Poo			,	licated Acreage.
1, Outline	the acreage dedic	ated to the s	ubject well by co	ulored pencil or hi	ichure marks o	on the plat belo	ow.
and roy:	alty).	· · ·					ooth as to working inter
	than one lease of itization, unitization.			eated to the wells	have the inte	rests of all, ow	ners been consolidated
Yes	□ No If	answer is "ve	: s," type of cons	olidation			•
necessary.) . No allowat	nle will be assig	gned to the	well until all		been consolid	ated (by con	reverse side of this form  anumuzation, unitization  by the Division.
BRAIS CAP	1	71/2 11/18	BRASS C	AP I			ERTIFICATION
Section	1 76.1'	151	VY CORI	NER !	1	C	,
CORNELL	1	WELL	SNEWNE	140044			rtify that the information
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<u>₹</u>	-610.9	<del>                                     </del>		1			y knowledge and belief.
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7	610.4					The best of m  Name  Position  Company  Date  I hereby cert thown on this notes of actu under my sup is true and of knowledge and  Onte Surveyed  Presisteral Profes	rify that the well location plat was plotted from lies of surveys made by me dervision, and that the same correct to the best of mild build.

### OIL CONSERVATION DIVISION

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	4 R MASSON INC		
Address DLA	Y R MASSON INC WER F Linwood K	S 66052	
TYPE OF WELL	Low-Temperature Th		Injection/Disposal [ ]
REASON FOR FILING New Well [ ] Recomplet Change in Ownership [ ] D Other (Please Explain) [			
DESCRIPTION OF WELL Lease Name	Well 26	Name of RAC	ium Springs
Kind of Lease (Fee, Fed. or State)	Lease Number		
LOCATION Unit Letter 3; 23  176.5  Section 10 To County DOWA ANA	feet from the fe	EAST NONTH Range RIW	line and line of
TYPE OF PRODUCT Dry	Steam andWater	Low Temp.	January 1
DESIGNATION OF PURCHASE Name of Purchaser ALor R			
A 11 C	F Linwood K Louse Heating	-5 66052	
Product Will Be Used For Fream /	Louse Heating		
CERTIFICATE OF COMPLIANCE	CE .		

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 Bu A + to grand	Position 6. Man Date W 1996
Approved Ky Elohuu	POISTRICT SUPERVISOR 11-21-96

#### OIL CONSERVATION DIVISION

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

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

GEOTHERMAL RESOURCES WELL LOG

					•			
Operator -	Alex	R MA:	55000	ING				
Address	Dron	rel F	Linus	sod 125	66	052		
		n Spain						
Lease Nan			<u> </u>	· · · · · · · · · · · · · · · · · · ·	Wall No	26	Unit Latter	<i>I</i> 5
		2385,3				EAST	<u>-</u> .	
Location:	- / ~			_ feet from t	·//			ne and
	176.5	feet fr <	om the _	NORT	^	_line Section		1.10
Township	<u> </u>	<i>)</i>		Range	RIU	<u>/</u> Cou	nty <u>Dow</u>	ALMINT

### FORMATIONS PENETRATED BY WELL

DEPT	н то	Thickness	Drilled or		
Top of Formation	Bottom of Formation	Finickness	Cored	Recovery	DESCRIPTION
Ø	10	10			Physite Rubble Fractured Rhyolote
10	120	110			FRACTURES RHYOLOTE
				·	
				,	
					·
					·

#### 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 Brun A Ft zer	Position G. Na	A. Date 11 14	2/14
		,	·

# 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.

eas Init	ator/- e Name Letter rvoir	ß		Sec		<u> </u>	Well	Na	Awed F 26 Rgc WA AWA			6052
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	nenced drilli pleted drillin						***************************************	GEOLO	GICAL MARKERS		DEPTH	
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## OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

#### GEOTHERMAL RESOURCES WELL HISTORY

ALex R MASSON INC. Address DRAWER F Linwood KS 66052
well No. 26
ter B Sec. 10 Twp. 721 S Rge R1 W
RAdium Springs county Dona ANA
County
It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting, and initial production data and zone temperature. (Attach additional sheets if necessary.)
Commenced Dr. Thias
Completed Drilling
CASTONS 1234". 188 WALL 20 Deep NO Shoe 24 CM. FT
Cement Pump
•

### **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 Bun	A. TH 25	Position _	G.Mgs.	7	Date (11) 14	41
. •	<b>3</b>					-

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E٨	IE.	AG	Y	AND	MIN	ERALS	DE	PART	MEN	T

### OIL CONSERVATION DIVISION P.O. BOX 2088

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

NO, OF COPIES RECEIVED					**	
DISTRIBUTION .				5	. Indicate T	ype of Lease
File	APPL	ICATION FOR PERM	v s	TATE	FEE	
N,M,B,M.	1 1		RMAL RESOURCES WE	, c	a State Leas	e No.
U.S.G.S.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Operator						
Land Office						
1 1a. Type of Work Drill		Deepen 🗌	Plug Back	7	. Unit Agree	ment Name
b. Type of Well Geother	rmal Producer 🔲	_	Temp Observation 🔲	8	. Farm or Le	ase Name
Low-Te	mp Thermal	Ir	njection/Disposal 🔲		MASSO	2
2. Name of Operator				9	. Well No.	
	sow_INC.				SP	
. 3 Address of Operator	•					Pool, or Wildcat
DRINGR F UNU	nood Kins	45 660S	52	R	Adum St	25 K.G.R.
DRIWER F UNU	TTER A LOCA	TED 2385.3 FEET I	FROM THE TAST	LINE		
AND 176.5 FEET FROM				NMPM		
					2. County ONA AN	A
<i>:////////////////////////////////////</i>	+++++++++++	++++++++++	<del>/</del>	19A. Formation		
				19A. Formation	2	20. Rotary or C.T.
			19. Proposed Depth	19A. Pormation		20. Rotary or C.T.
21. Elevations (Show whether Di	F, RT, etc.) 21A. Kin	d & Status Plug. Bond		19A. Formation		ROTARY
21. Elevations (Show whether Di			250 21B. Drilling Contractor	19A. Pormation		ROTARY
21. Elevations (Show whether Did	SIZE OF CASING		2-1B. Drilling Contractor LAIZ - JON		22. Approx	Date Work will start
4017 5	SIZE OF CASING	PROPOSED CASING AN	2-50  21B. Drilling Contractor LAIZ - JON  ND CEMENT PROGRAM	SACKS OF C	22. Approx	Date Work will start
4017 5		PROPOSED CASING AR	2-1B. Drilling Contractor LAIZ - JON		22. Approx	Date Work will start

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productions.

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

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

Dute: 8 28 90

APPROVED BY

APPROVED BY

APPROVED BY

TITLE

DIFFICULTY

TITLE

DIFFICULTY

DATE: 3-12-81

CONDITIONS OF APPROVAL, IF ANY:

## OIL CONSERVATION DIVISION P. O. BOX 2084 SANTA FE, NEW MEXICO 87501

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Community (Section   Township)   Leave   Part   County   Township   Tall   Township   Tall	And the second s		All distances m	ust be from	the outer bound.	aries of the Section	on.	
Matter Section  Township  T21S  Regrey  T21S		R. MASS	on , luc.	Lea	se			ì
The common deed the creage dedicated to the subject well by colored pencil or backure marks on the plat below.  1. Outline the acreage dedicated to the subject well by colored pencil or backure 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, untilization, 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, untilization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.  1. Interpretation of the desired from field notes of security that the information contained therein in true and complete to the best of my knowledge and leader.  1. Name  Position  Company  Date  1. Peoply certify that the information forces of security that the information forces of security that the information forces of security that the information forces of security that the information forces of security that the information forces of security that the information forces of the best of my knowledge and complete to the best of my knowledge and points of the best of my knowledge and points.  1. In the properties of the best of my knowledge and points of the best of my knowledge and points.  2. If the properties to the best of my knowledge and points of the best of my knowledge and points.  2. If the properties to the best of my knowledge and points of the best of my knowledge and points.  2. If the properties is the properties of the best of my knowledge and points.  2. If the properties is the properties of the properties of the best of my		Section	Township	•	Range R/W		DONA ANA	
Pool   Pool			EAST	line and	176.5	feet from th	e NORTH	line
1. Outline the acreage dedicated to the subject well by colored pencil or lanchure 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 ownersp is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?    Yes	Ground Level Elev.				.1		Dedi	1.07
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, force-pooling, etc?    Yes		the acreage dedica	led to the subject	well by co				
communitization, unitization, force-pooling, etc?    Yes			dedicated to the	well, outl	ine each and id	lentify the owr	nership thereof (bo	oth as to working interest
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.  Name  Position  Company  Date  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 angletific.  A BO S  Repetered in recursional Physics of a made of the position of the same is true and correct to the best of my knowledge angletific.  A BO S  Repetered in recursional Physics of a made of the position of the same is true and correct to the best of my knowledge angletific.  A BO S  Repetered in recursional Physics of a made of the position					cated to the we	ell, have the in	terests of all own	ers been consolidated by
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.  Name  Position  Company  Date  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 anglesticity.  Another than the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.  Respectively industrial distinction of the same is true and correct to the best of my knowledge anglesticity.	☐ Yes	□ No If a	iswer is "yes," ty	pe of cons	olidation			
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.  Name  Position  Company  Date  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 appearable.  A BOT STATE OF THE PROPERTY OF THE	necessary.) _							
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.    Name								
Name  Position  Company  Date  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 object to the best of my knowledge and object to the position of the property of the proper				WELL A		, secti	I hereby cer	tify that the information in is true and complete to
Company  Date  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 falled A BOS		NW/4NI	NUNE/4		1		Name	
Date  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 balled.  A BO SA Registered by heresional shapiness and location and that the same is true and correct to the best of my knowledge and balled.  Registered by heresional shapiness and location and location shapiness and		- <del>-  </del>		<del></del>	)		Position	
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 paliet.  Date Surveyed 7501100  Registered professional Engineer a and/or Land Surveyor  AMD 508  New 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					1 1 1		Company	
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 ballet  Borse  Date Surveyed  Registered Brofessional Engineer and or Land Surveyor  None Constant Surveyor  None Constant Surveyor							Date	<u> </u>
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.  A BO S  Date Surveyed  Replaced Indiasional Engineer and or Land Surveyor  New Constants  New C					·			
under my supervision, and that the same is true and correct to the best of my knowledge and belief  A BO SC A		 			· 1		shown on this	plat was plotted from field
Date Surveyed 75711 10  Registered Brofessional Figures a and/or Land Surveyor  NMPC 5211		i I			 		under my sup	ervision, and that the same
Registered Photessional Engineer and and a Land Surveyor  NMPCS 21)		- <del>- +</del>			· - <del> </del>		knowledge and	A BOISK
		} ! ! !			     		Registered Brofess	ional Engineer a
	reserved						-	SZI)

### METER INFORMATION FORM

**JOHNSON** 

10-08-91

LRG 4489

ATTN: MR.

FILE NO.:

THIS PERMIT REQUIRES APPROPRIATION OF WATER	THAT A WELL METER BE INSTALLED	PRIOR	TO
STATE ENGINEER OFFICE	INFORMATION, SIGN, DATE AND RETUR AS SOON AS THE METER IS INSTALI LL THEN BE INSPECTED BY PERSONNEL	LED.	THE
DATE INSTALLED:	10-08-91	<u>.</u>	
METER TYPE:	TURBINE FM 400-R		
METER SIZE:	6 <b>"</b>		
SERIAL NO.:	11220 WELL #27 - DISP.)	_	
REGISTER:	0000006 (BEGINNING)	-	
MULTIPLIER:	х 1000	•	
UNITS:	GALLONS	•	
BY: MARTHA REY			

GEOTHERMAL # 27 (DISP.)

DATE:

Top of Formation

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

GEOTHERMAL RESOURCES WELL LOG

Operato Address Reservo Lease N	DRAW Sir RAdium	ec F 1 n   Sprin 10913	& S feet from	
Townsh	799-4 ip	feet from t	he <i>NOA</i> Range	RIW County Down-AND
	,	FORMAT	IONS PENETRA	TED BY WELL
DEPTH TO  Bottom of Formation		Driffed or Cored	Recovery	DESCRIPTION
3 12 80	3 9 68			SANDY SIZT  Rhyolite Rubble  Fractured Rhyolite
		Attach A	dditional Sheel	ts if Necessary
	t be accompanied by c a surveys (See Rute 20		ogs, directional s	urveys, physical or chemical logs, water analyses, tests,
CERTIFICAT			• • • • • • • • • • • • • • • • • • •	
I hereby cortifi	and helief.	34.0		Date 11 14 46

### OIL CONSERVATION DIVISION

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**

DWNER OR OPER. Name	ATOR ALEX Z DRAWEL	MA-55	on Inc	· ,			
Address	DRAWEL	_ F	Linwood	145	66852		
TYPE OF WELL Geothermal Produce	er []	Low	-Temperature TI	nermal [>	<del>⊁</del>	Injection/Di	sposal [ ]
Change in Ownershi	ING Recompletion [ ] p [ ] Designation in) [ ]	n of Purc	haser [ ]				
DESCRIPTION OF Lease Name ————————————————————————————————————	WELL	Well No	27	R	ame of RAd	ium Spri	nes
Kind of Lease			Lease		·		
LOCATION Unit B Letter	799.4 Township	3	feet from the feet from the		EAST		line and line of
Section $\frac{70}{\Delta_0}$	Township.			Range _	7010		
TYPE OF PRODUC Dry Steam		Steam and Water		·	Low TempThermal Wat	er X	
., .	PURCHASER OF PI		Inc				
Address of Purchaser	NAWED F	- 47	nwood	Ks. 4	-6052		
Product Will Be Used For	LAWED F le Injecti	on a	F Seuth	exmal	water		
CERTIFICATE OF			٠.				

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

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 B	m	A Tolzomo	Position B. Man Date W/19	a
Approved _	Ky	Elophum	PODISTRICT SUPERVISION 1-21-9	
11/1/0100 =		7/		

### OIL CONSERVATION DIVISION

P. O. BOX 2088

STATE OF NEW MEXICG . 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.

	ator	lox	R MAS	500	1			AWER F 27	•		66052
Unit	Letter	Adin	n Spr	Sec.	<u> </u>	Twp, T	215 hty <u>Do</u>	Rge MA AUX	9. R.	W	
	nenced drillis		1-5-9					GICAL MARKERS		DEPTH	
			11-6-9 Piugged								
						The state of the s		, Adap S			
Com	menced prod	ucing	(Date)				Geologic	age at total depth:	* Addition also for the communication of the commun		
	Stat	ic test			d	Pr	oduction Te	st Data			######################################
1 <b>e</b>	Shut-in	well head		i i	Total Mass F	low Data	and a substitute of a substitu		Separato	or Data	
	Temp. •F	Pres. Psi	g Lbs,	T THE	remp. • F Pres. P		Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. 'F
				- ;							***************************************
		,									
<del></del>	-					ke		<u></u>			
				<del></del>	CASING	RECORD (Pre	sent Hole)	• — — — — — — — — — — — — — — — — — — —	<u> </u>		L
e	Size of Casing	Weight of Csg/ft;	Grade of Casing	New of Used	Seamless or Lapweld	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	1	ent Top mined By
2	6	, 186WAC)		NICAL	seamless.	NAME		5	D GR	U.55	uplly
			(Size	, top, boti		FORATED CA tervals, size and s		oration and metho	d.)		y-1884
 Was	analysis of ef	fluent my to	.9	Flectrical	log depths	•		Temperature log	ø denths		
443	-	IFICATIO					-				
		, ,	that the in wiedge and	7 1.	n given above a	nd the data an	d material a	ittached hereto e	are true and co	omplete to t	he
	Signec	$\mathbb{R}$	4	FO	مس	Position	> Ma	<b>~</b> ,	Dato IIL	4/46	
	Signet				3	F GREET MANAGEMENT			Straig and	na nii nii Marailla maa ma	

### OF CONSERVATION DIVISION P. O. BOX 2088

Form G-107 Adopted 10-1-74 Revised 10-1-78

SANTA FE, NEW MEXICO 87501

GEOTHERMAL RESOURCES WELL HISTORY

it Letter .	Radi	un	500	Sec.	10	Tw	P1	215 1/2	Rg	TNA	LIW		
servoir "	<i>p</i> 174		24-			tert someonymistren eiter einer einer	County		, , , , ,		•		
ther	ations dur cof. Be sur	ing the dr e to inclu	illing a	and testion hitems	ng of the was	il or durin formation t	ig re-drillin est details,	g, altering amounts	of casin of cemen	g, plugging t used, top	, or abando and bottom	ount of all in nment with to of plugs, per of sheets if ne	he dates foration
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90	Cons	plete	6	Drie	lins	-							
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RTIFIC	ATION			19-2	The state of the s	utu gar nga	•.			ng the second	· ·		
ereby cer belief,	tify that th	ia informat	ion giv	en above	and the date	and mater	ial attached	hereto ar	e true an	d complete	to the best	of my knowl	edga
	),	1	30		0		1	.1.4	_	·	•	HILLE	

### OIL CONSERVATION DIVISION

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 Form G-112 Adopted 10-1-74 Revised 10-1-78

#### APPLICATION TO PLACE WELL ON INJECTION-GEOTHERMAL RESOURCES AREA

				•	
Operator ALory Z MA	350N		Address Draw	red F Linux	ood KS 66052
Lease Name		Well No.	Fleid	m Springs	County DOWN ANA
Location	144-11-2-1	1809.3		Line And 799,4	
Line, Section 10			Range RIW	_ Line And <u>F17777</u>	reet from the VOUNTY
Line, Section 70	township		(ange	NMPM.	
		т	AND TUBING DATA	7	
NAME OF STRING Conductor Pipe	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface Casing	678	20	5	sulface	circulation
Long String	NA				
Tubing	NA		Name, Model and Dept	h of Tubing Packer	
Name of Proposed Injection Form	ation		Top of Formatio	n Bot	tom of Formation
PALM FARK FORM	Ation	Destaution	30		80
Is Injection Through Tubing, Casi				ied Interval(s) of Injection	
Is This a New Well Drilled For Injection?	If Answer	is No, For What Pur	pose was Well Originally I	Drilled? Has Well Ever Bee	n Perforated in Any Zone oposed Injection Zone?
List All Such Perforated Intervals	and Sacks of Ce	ement used to Seal O	off or Squeeze Each	1 100	•
Depth of Bottom of Deepest Fresh in This Area	n Water Zone		or Purpose of Pressure Ma ? (See Rules 501 and 502		Disnosa (
Anticipated Daily Minimum Injection / 0		1 = .	- 1	njection to be by Gravity of sure?	To the second se
Answer Yes or No Whether the Fo- to such a Degree as to be Unfit for or Other General Use—	llowing Waters a Domestic, Stoc	re Mineralized   Wate k, Irrigation,   M&	r to be injected National Zon	ural Water in Injection Ar	e Water Analyses Attached?
Name and Address of Surface Own	er (or Lessee, if	State or Federal Lar	nd)		7
				1, KS 6605	
List Names and Addresses of all Op	erators Within C	one-Hait (1/2) Mile of	inis injection well	•	
<del> </del>					
Have Copies of this Application Be Sent to Each Operator Within One- Half Mile of this Well?		D No D			
Are the Following Items Attached			Electrical Log	Die	grammatic Sketch of Well
this Application (see Rule 503)	Yes	D No D	Yes 🗆	No 🖟	Yes No
1 hereby	certify that the	information above is	true and complete to the	best of my knowledge an	d belief.
Bu A. Fit-	- gunl		Mar.		119/196
(Signature)	> ()		(Title)		" (Date)

NOTE: Should waivers from all operators within one-half mile of the proposed injection well not accompany this application, the New Mexico Oil Conservation Division will hold the application for a period of 20 days from the date of receipt by the Division's Santa Fe office, If at the end of the 20-day waiting period no protest has been received by the Santa Fe office, the application will be processed. If a protest is received, the application will be set for hearing, if the applicant so requests, SEE RULE 503.

## OIL CONSERVATION DIVISION P. O. BOX 2018

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

EIVERGT AND WITH	ICHALS DEPARTIVIEN		SANTA FE, N	EW ME	EXICO 87501				
NO, OF COPIES REC	EIVED								
DISTRIBUTION		•					5. Indicate	Type of Lease	
File .		APPI	ICATION FOR P	FRMIT	TO DRILL, DEEPEN	1	STATE	FEE	6
N.M.B.M.					AL RESOURCES WE		5.a State Lea		
U.S.G.S.		• • • • • •	000,000		AL NEGOCIOES WE				
Operator								77777777	11.
Land Office						[			1//;
1a. Type of Work	Drill 🗆		Deepen 🗆		Plug Back 🔲		7. Unit Agree	ement Name	77,
b. Type of Well-	Geothermal Produ				p Observation		8. Farm or L		
	Low-Temp Therma			Injec	tion/Disposal 🗆	,	MA-550	J	
2. Name of Operator	C R MSS	ارله	uC.				9. Well No.	7	
3. Address of Operato				2 1	5200	,		Pool, or Wildcat	<b>2</b> ,
4. Location of Well	LINIT LETTED A		TED 1809.3E	ET EDC	M THE EAST	LINE	111111		111
AND 199 4 FE	EET FROM THE N	LINE OF	SEC. D TWP.	21	S RGE. 121W	NMPM			7//
				.////			12. County		11.
				77777.		777777	DONA AN	*	777.
									///
				77777		7//////			777,
				19.	Proposed Depth 1	9A. Formatio	n	20. Rotary or C.T.	
21. Elevations (Show	whether DF, RT, etc.)	21A. Kin	nd & Status Plug. Bo		B. Drilling Contractor		22. Approx	Date Work will star	t
•			PROPOSED CASIN	G AND	CEMENT PROGRAM		•		
SIZE OF HOL	E SIZE OF	CASING	WEIGHT PER F	ООТ	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP	
1-1/11	1.3	/ 11	1-0-35	>		7.		C. C.	
1112	12/	4	23.00		€0 .	32	•	Suntil	-6
						<u> </u>		·	
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							4		
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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 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.

Ithis space to Side Use

APPROVED BY

APPROVED BY

APPROVALE TITLE DISTRICT DATE

TITLE DISTRICT DEPOLITION DATE

CONDITIONS OF APPROVALE 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	must be from	the outer bound	aries of the Section	ri.	
Operator			Lea	se .		•	Well No.
	MASSON, /A			·			27
Unit Letter	Section /O	Township T21	S	Range	County	INA ANA	
Actual Footage Loca	ition of Well:  3 feet from the	EAST	line and	700	feet from the	. Alarem	<b>→</b> line
Ground Level Elev.	Producing For		Poo	ı		D	edicated Acreage:
3990				RADIUM	SPRINGS		10 Acres
1. Outline	the acreage dedicat	ed to the subje	ct well by co	lored pencil or	hachure marks	on the plat be	low.
	than one lease is				•		(both as to working interest
	than one lease of itization, unitization			ated to the we	ell, have the int	erests of all o	wners been consolidated by
☐ Yes	☐ No If an	iswer is "yes,"	type of conso	olidation			
If answer is necessary.)		ners and tract	descriptions	which have ac	tually been con	solidated. (Use	reverse side of this form if
	ole will be assigning, or otherwise) c						mmunitization, unitization, by the Division.
			A .		Brass		
ł		con	<b>7</b>   <b>4</b>	180	3.31 CAD		CERTIFICATION
			799.	i i	SECTION		certify that the information
	1		ř VIVO	IETUWO 27	İ	contained I	nerein is true and complete to my knowledge and belief.
	1 ,				" . "	the best of	my knowledge and bener.
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	· · · · · · · · ·		\	n /	mwlgnely	Name	
	ı		(	}	. [	Position	
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				1	1	Company	,
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	!			i		1	ertify that the well location
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]	1			1		under my	Supervision and that the same
	i			1	Į.	is trug and	correct to the best of my
	i			1		k noviledge/	r correct to the best of my
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	l			1 .		Date Surveyed	1081
	I			•	1	Jank	et alet in
	l .			. 1		Registered Pro and/or Land S	lessional Engineer
				. 1		Jung/or Land S	
	. 1				Ì	Allera	PLS # 5211
Company of the Compan			process	ERR FRE		Certificate No.	
0 330 060	90 1320 1050 19	an 2319 2640	2000	1500 1000	500 0		

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

Form G-103 Adopted 10-1-74 Payised 10-1-78

DONA ANA

ALTERING CASING

PLUG & ABANDONMENT

SUBSEQUENT REPORT OF:

		SANIA FE, NEW MEXICO 8/301	K6A17EG 10-1-10
NO, OF COPIES RECEIVED			
DISTRIBUTION			
File ,		SUNDRY NOTICES AND REPORTS	
N. M. B. M.		ON	5. Indicate Type of Lease
U. S. G. S		GEOTHERMAL RESOURCES WELLS	State Fee 🛣
Operator		GEOTHERMAE NEGOCIOES WELLS	5.a State Lease No.
Land Office			
Do Not Use This Form for Pr For Permit —" (Form G-101)		Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application roposals.)	
1. Type of well Geothe	rmai Produ	cer Temp. Observation	7. Unit Agreement Name
Low-Te	mp Therma	al 🔯 Injection/Disposal 🗆	N/A
2. Name of Operator			8. Farm or Lease Name
ALEX R. MASSO	N, INC	•	BAILEY
3. Address of Operator	<del></del>		9. Well No.
DRAWER F. LIN	WOOD,	KS 66052	<b>&gt;</b> ≥8
4. Location of Well			10. Field and Pool, or Wildcat
Unit Letter B 24	50.8	Feet From The EAST Line and 369.6 Feet From	RADIUM SPGS. K.G.R.A
The NORTH Lin	e, Section _	10 Township 21S Range 1W NMPM.	

OTHER CHANGE LOCATION

17. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinenet dates, including estimated date of starting any proposed work) SEE RULE 203.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

REMEDIAL WORK

OTHER.

COMMENCE DRILLING OPNS.

CASING TEST AND CEMENT JOB

ON 1-09-93 WE COMPLETED DRILLING AN EXPLORATORY WELL APPROXIMATELY 100 FEET NORTH OF WELL #21. THIS WELL SHOWS SIGNS OF BEING A GOOD PRODUCTION WELL. OUR INTENTION IS TO MOVE WELL #21 TO THIS LOCATION AND UTILIZE IT AS A PRODUCTION WELL.

15. Elevation (Show whether DF, RT, GR, etc.)

4005 FT

PLUG AND ABANDON

CHANGE PLANS

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK

TEMPORARILY ABANDON

PULL OR ALTER CASING

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNED BY		• •		
SIGNED Bund - TITLE OPERATION DATE 2/10/93				
SIGNED Bund - TITLE OPERATION DATE 2/10/93				
SIGNED Bund - TITLE OPERATION DATE 2/10/93				
SIGNED Bund - TITLE OPERATION DATE 2/10/93				
	18. I hereby certify that the information above is tr	ue and complete to the best of my knowledge and belie	ef.	
APPROVED BY	SIGNED Bun A. FI zquad	TITLE OPERATOR	DATE 2/10/93	<del></del>
APPROVED BYDATEDATE				<del></del>
	APPROVED BY	TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY:	CONDITIONS OF APPROVAL, IF ANY:			
				, ot

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

ACE 17. MASSON /NC  not tarter Section 10 Township  TO T215  Trouble tocation of Well.  2911.6 feet from the 525T have and found tever like.  4006.5  1. Outline the acreage dedicated to the subject well by co.  2. If more than one lease is dedicated to the well, outline and royalty).  3. If more than one lease of different owners p is dedicted communitization, unitization, force-pooling, etc?  The Yes Tho 11 answer is "yes," type of consecutions in the method of the well and the forced-pooling, or otherwise) or until a non-standard unit,  1. The Township  Town	RADIUM Special of higher deach and identify ated to the well, have been eliminating such inter-	the ownership thereof (born as to working the ownership thereof (born as to working the ownership thereof (born as to working the interests of all owners been consolidated (by communication, unit tests, has been approved by the Division.
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- Linning	2411.6'	contained herein is true and comp
NW/4 NW/4 NE/14	1	the best of my knowledge and belie
	1	
		Name
	!	Position
	<u> </u>	Company
	i	
	1	Date
	i	
1	1	I hereby certify that the well to shown on this plat was plotted from
		notes of actual surveys made by
	1	under my supersyson, and that the
	ì	is the was council would best
	Į.	knowledge sparted set
		FEB 1993
	Ì	Place Surveyed
	i	CA TOTAL
	!	Registered Practismed Fagineer
	<b>I</b>	
	1	NMPLS #5211
	**	Li TE: Certificate No.

### OIL CONSERVATION DIVISION

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 Name <u>ATEX R. MASSON</u> I	VC	4.6.5		
Address DRAWER F, LINWOOD	o, kansas 6	6052		,
TYPE OF WELL Geothermal Producer [ ]	Low-Temperatur	e Thermal [X]	lnj	ection/Disposal [ ]
REASON FOR FILING  New Well [X] Recompletion [ ]  Change in Ownership [ ] Designation  Other (Please Explain) [ ]	on of Purchaser [ ]	. `		
DESCRIPTION OF WELL Lease	. Well	Name	of	A CODINGE
Name ALEX R. MASSON INC.  Kind of Lease (Fee, Fed. or State)	T Aneo	•		
LOCATION Unit Letter ; 2411.6				٠
278.9				
Section 10 Township	T21S	Range	R1W	
County	1			
TYPE OF PRODUCT			·	
	Steam and Water		Low Temp. Thermal Water	*** <b>X</b>
DESIGNATION OF PURCHASER OF PROPERTY OF PURCHASER OF PURCHASER ALEX R. MASSON	_			
Address of DRAWER F, LINWOO	OD, KANSAS	66052		
Product Will GREEN HOUSE HEA'	TING			
CERTIFICATE OF COMPLIANCE			•	
hereby certify that all rules and regul- promulgated by the Oil Conservation is subject well, and that the information gives	Division of New Mex	cico, have been c	omplied with, w	ith respect to the
Signed B. A. F. Zy	Q.	Position	OPENTON	
- d		Position		Date

### P.4

Rge \_

#### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

 $\mathbf{B}$ 

Operator

Lease Name

Unit Letter

### OIL CONSERVATION DIVISION P. O. BOX 2088

Form 6-106 Adopted 10-1-74 Revised 10-1-78

66052

SANTA FE, NEW MEXICO 87501

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT ALEX R. MASSON INC. DRAWER F, LINWOOD KANSAS Address . ALEX R. MASSON INC. 28 Well No. T215 RIW

RADIUM SPRINGS Reservair DONA County

Sec.

1-22-93 Commenced drilling GEOLOGICAL MARKERS DEPTH 99-154 Completed drifting 1-9-93 FRACTURED RHYOLITE

-Twp.

154' Plugged depth

Commenced producing Geologic age at total depth: (Date)

	Static test Shut-in well head		Production Test Data									
c '				Total	Mass Flow	Data	Separator Data					
	Temp. 'F	Pres. Psig.	Lbs/ffr	Temp. *F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. 'F	
				•			V-111					
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#### CASING RECORD (Present Hole)

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z c le	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seamiess or Lapweld	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	Cement Top Determined By
5	140D	54.57		NEW	SEAMLESS	12'6"	2'	10	0 GR	VISUALLY
···-			,							

PERFORATED CASING

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

Was analysis of effluent made? NONE Electrical log depths NONE Temperature log depths \_\_\_NONE

#### CERTIFICATION

I hareby 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.

OR PLUG BACK GEOTHERMAL RESOURCES WELL  G.S.  Tator  d Office  Type of Work  Type of Work  Type of Well  Geothermal Producer  Low-Temp Thermal  Low-Temp Thermal  N/A  S. Farm or Lease Name  MASSON'S  9. Well No.  # 28  10. Field and Pool, or Wildcat  RADIUM SPRINGS KGF  DRAWER F LINWOOD KS, 66052  Location of Well  UNIT LETTER  LOCATEO 2411 FEET FROM THE EAST  LINE  278.9  NORTH	FEB 24	.'93 Ø8:	45 MASS	DN'S\RA	( <u>D_SPRG</u> S 505-5)	34-1791			P.2
APPLICATION APPLICATION FOR PERMIT TO ORILL, DEEPEN.  STATE   FRE [X  SO PLUG BACK - SEOTHERMAL RESOURCES WELL  STATE   FRE [X  SO PLUG BACK - SEOTHERMAL RESOURCES WELL  STATE   FRE [X  SO PLUG BACK - SEOTHERMAL RESOURCES WELL  SO PLUG BACK	STATE OF ENERGY AND MINE	NEW MEXIC ERALS DEPA	O RTMENT	41	The St. P. O. BOX	2046			Adopted 10-1-74
APPLICATION OR PERMIT TO DRILL, DEEPEN.  OR PLUG BACK SECTHERMAL RESOURCES WELL  STATE STATE LEAR NO.  19.00  OR PLUG BACK SECTHERMAL RESOURCES WELL  OR PLUG BACK SECTHERMAL RESOURCES WELL  Type of Work  Or Will Continemal Produces State Remove the Markson's Section of North Markson's Secti	OF COPIES RECE	IVED			The second secon			S leafeste	Type of Leste
C.S.    Control				APPLIC OR PLUC	CATION FOR PERM	IT TO DRILL, DEEPE MAL RESOURCES W	N, Ell	STATE [	FEE (X
Type of Work Drill & Despen De	.G.S. Prator								
Temp Observation   R. Jam of Lesse Name   NASSON 'S    Name of Operator   ALEX R. MASSON, INC.   #28  ALEX R. MASSON, INC.   #28  Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Operator   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   White   Modera of Well   Modera of	Type of Work	Orill 🗓		Đ	еерел 🔲	Plug Back 🔲		, · · · · · · · · · · · · · · · · · · ·	
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ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  AND THE DESCRIBE PROPOSED PROGRAM: If proposed in to device my knowledge and briefs.  Date 224 93.  This CREATOR.  Date 224 93.			N, INC	•				#28	1 Pool, or Wildest
ABOVE SPACE DESCRIBE PROPOSED PROGRAMS If proposes is to despen or plug back, give data on present productive zone and proposed now productive will be the test of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  Described the followards above is true and complete to the best of my knowledge and writer.  This OPLETON.		F LINW	OOD KS	, 66	052			1	·
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ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive serby certify that the information above is true and complete to the best of my knowledge and belief.  Tile  OF REPTH SACKS OF CEMENT EST, TOP  SURFACE  EST, TOP  SURFACE  EST, TOP  SURFACE  EST, TOP  SURFACE  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present proquent, if any, proposed new proposed new productive control of the proposed new proposed new proposed new proposed new proposed new proposed new proposed new proposed new proposed new proposed new proposed new productive control of the proposed new pro							Link Forma	77/7777777	10. Rosaty of C.T.
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* A MINIMUM OF 20' SURFACE CASING, OR AS MUCH AS NECESSARY TO ENSURE CASING SHOE PENETRATES AT LEAST 2' OF RHYOLITE.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to design or plug back, give data on present productive zone and proposed new productive give blowout preventer program, if any.  This ORCATON.  Due 224 93	. Elevations (Show	whether DR.	RT, etc.)	<u></u>	*	200 FT 21H Drilling Contractor KEN HUEY			ROTARY
* A MINIMUM OF 20' SURFACE CASING, OR AS MUCH AS NECESSARY TO ENSURE CASING SHOE PENETRATES AT LEAST 2' OF RHYOLITE.  ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposel is to descen or plug back, give data on present productive zone and proposed new productive seeds certify that the information above is true and complete to the best of my knowledge and belief.  This ORDATON Dute 2524 93				P	ROPOSED CASING A	200 FT 211 Drilling Confescion REN HUEY		22. Apppo	ROTARY  ** Date Wark will start  30 = 92k will start
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erchy certify that the information above is true and complete to the best of my knowledge and belief.  The ATD GLADO Title OREATON Due 2/24/93	size of Hou	LE MUM OF	\$12E OF 0	ASING OD	WEIGHT PER FOOT  54.57  E CASING,	200 FT  THE DIMINITY CONTROL OF THE PROGRAM  SETTING DEPTH  12' 6".  DR AS MUCH A	SACKS 1	22. Appro	ROTARY *301-92'k will start  EST. TOP  SURFACE
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ereby certify that the information above is true and complete to the best of my knowledge and belief.  The AFT quality of the property of the property of the post of my knowledge and belief.	size of Hou	LE MUM OF	\$12E OF 0	ASING OD	WEIGHT PER FOOT  54.57  E CASING,	200 FT  THE DIMINITY CONTROL OF THE PROGRAM  SETTING DEPTH  12' 6".  DR AS MUCH A	SACKS 1	22. Appro	ROTARY *301-92'k will start  EST. TOP  SURFACE
	* A MINI CASING	MUM OF	SIZE OF COLOR	ASING OD SURFAC	WEIGHT PER FOOT 54.57  E CASING, OAT LEAST 2	200 FT  THE DIMINITION OF THE PROGRAM  SETTING DEPTH  12' 6".  OR AS MUCH A  OF RHYOLIT	S NECES	OF CEMENT	EST. TOP SURFACE  ENSURE
	* A MINI CASING  ABOVE SPACE D.	MUM OF	20' SPENETH	OD SURFAC	WEIGHT PER FOOT  54.57  E CASING, (AT LEAST 2)  If proposal is to decomplete to the best of m	200 FT  THE DIMINITY CONTROCTOR  NO CEMENT PROGRAM  SETTING DEPTH  12' 6".  OR AS MUCH A  OF RHYOLIT	S NECES	OF CEMENT	EST. TOP SURFACE  ENSURE

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

Ithis space for State (in)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY;

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY;

APPROVED BY

IN THE Street of the state of my knowledge and belief.

It is treete and complete to the best of my knowledge and belief.

Date 224 93

ITHE DATE

CONDITIONS OF APPROVAL, IF ANY;

APPROVED BY

IN THE STREET OF THE BEST OF MY Knowledge and belief.

APPROVED BY

ITHE DATE OF THE BEST

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

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

	1						
INO, OF COPIES RECEIVED				[ F 10	ndicate Type of Lease		
DISTRIBUTION				Ì			
N.M.B.M.		ICATION FOR PERM		TE FEE State Lease No.			
U.S.G.S.	OR PLU	OR PLUG BACKGEOTHERMAL RESOURCES WELL  5.a State Lease					
Operator				777			
Land Office							
+ 1a. Type of Work		Deepen	Plug Back	7. Un	nit Agreement Name		
,	mal Producer 🔲		mp Observation	8. Fat	rm or Lease Name		
Low-Ten	np Thermal 🔀	Inj	ection/Disposal 🔲		MASSON		
2. Name of Operator  ALEY R M	ASSON INC	2,		9. We	II No. 29		
			- Piro	10. Fi	ield and Pool, or Wildcat		
DRAWER F	Lin wood	1CS 660	52.	RAG	Siven SORS. KERA		
4. Location of Well	B. 1000		ROM THE NONTH				
ONTILET	MIC	EU OCO FEEL FI	ROM THE	LINE			
AND 9465 FEET FROM	MIC THE SECTEMALINE OF	SEC. $10$ TWP. $\frac{7}{12}$	215 RGE RIW	NMPM			
				-4-4-4-4-4-4-y-y-y-	ounty		
					JA ANA		
//////////////////////////////////////	++++++++++	++++++++++	+++++++++++	7774444			
//////////////////////////////////////	++++++++	<del>/////////////////////////////////////</del>	9. Proposed Depth 1	9A. Formation	20. Rotary or C.T.		
			300'	771. 7 Or Hillian	· · · · · · · · · · · · · · · · · · ·		
2. Claustic of Character DE	Da eta la Cala Ka			T	ROTALY HANNER		
21. Elevations (Show whether DF,	, RI, etc.) 21A. Kind	I & Status Plug, Bond	21B. Drilling Contractor KD Huey	22.	Approx. Date Work will start		
	P	ROPOSED CASING AND	/				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CENT	ENT FOR TOP		
12"	SIZE OF CASING	WEIGHT FER FOOT	SETTING DEPTH	SACKS OF CEME	ENT EST. TOP		
12							
			-				
	<u> </u>			.h	<u> </u>		
This	: ( An) 9x	1 Cort Tokes	well To To	Ry And	LOCATE		
7,00	1) 1100	/ <u> </u>		/	. 20		
AN	Ample su	pply of 1	How beothe	emac u	MYCK		
.,			well to To HOT GeoThe				
	HORT A	GROWN HOW					
, 0	V.						
,				·			
					•		
·		·,					
				•			
IN ABOVE SPACE DESCRIBE PRO	DPOSED PROGRAM: 11	f proposal is to deepen o	r plug back, give data on p	resent productive zo	one and proposed new productive		
Lone. Give blowout preventer progra		plate to the best of my 1	nandadas and bittle				
i hereby certify that the information	a acove is true and com		mowieuge and belief,		1.1.		
signed Bun A Lt	5cm	Title 6 Max	<b>∽</b>	,,,,,	11/19/96		
	3 K			Dare			
(This space for S)	ate (Sc)	•					
1 × 50/h	la de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	DISTRICT	<b>SUPERVISO</b>	}	11-21-81-		
APPROVED BY 1998	run-	TITLE		DATE _	11-21-96		
CONDITIONS OF APPROVEY, IF	ANY;						

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

Operator	<del></del>	All dista		m the outer boundaries	of the Section.	Well No.
	F			In	County	29
Unit Letter	Section 10		T-215	Range R/W	Dona	ANA
Actual Footage Loca	tion of Well: feet fron		<b>74-</b> line ar	ed 94,5	feet from the MIDSE	ent • ~ line
Ground Level Elev.	Produc	ing Formation	1'	gol		Dedicated Acreage:
4833.2		dedicated to the s	thiest well by	colored pencil or had	hure marks on the pl	Acres Acres
	than one k					reof (both us to working interest
commun		vitization, force-po	oling, etc?			all owners been consolidated by
☐ Yes	☐ No	If answer is "ye	s," type of co	nsolidation		
necessary.) _					· · · · · · · · · · · · · · · · · · ·	(Use reverse side of this form if
		_				communitization, unitization, oved by the Division.
	! 6	MASS CAP	<b>R</b> 2011	 		CERTIFICATION
	! ! . !	West 29 -	-94 <u>2</u> ,	אין משווין מפין	contain the be	by certify that the information ned herein is true and complete to st of my knowledge and belief.
	 				Name	
	!	10	·	1	Position	
	1	4/			Company	
	$\frac{1}{2}$	94/5		1	Date	
		\\\\\		1		
	! ! ! !	7		1	shown notes under is true	by certify that the well recation on this plat was plotted from field of actual survey's made by me or my supervision, and that the same and correct to the best of my edge and belief.
	· · · · · · · · · · · · · · · · · · ·			<del>-  </del>	Date Son	Troft stone traction of the stone of the sto
0 410 650	n 1320 16	50 thán 2310 26	2000	1500 1000	Certificate	No.

### OIL CONSERVATION DIVISION

P. O. BOX 2088 SANTA FE, NEW MEXICO 87501 Form G-103 Adopted 10-1-74 Revised 10-1-78

CITETION AND WHITEINGS	
NO. OF COPIES RECEIVED	
DISTRIBUTION	
File	
N. M. B. M.	l
U, S. G. S	
Operator	
Land Office	

DISTRIBUTION			
File	SUNDRY NOTICES	AND REPORTS	
N, M, B, M,	ON	S. Indicate Type of Lease	
U, S. G. S	GEOTHERMAL RES	State Fee 5	
Operator	GEO MENMAE NES	OUNCES WELES	5.a State Lease No.
Land Office		•	
Do Not Use This Form for Proposals to For Permit –" (Form G-101) for Such P		ifferent Reservoir. Use "Application	
1. Type of well Geothermal Produ	cer Temp. Observation		7. Unit Agreement Name
Low-Temp Therma	al 🖾 Injection/Disposal [	$\Box$	N/IT
2. Name of Operator  ALEY R MASS	on Inc		8. Farm or Lease Name  MASSOW
3. Address of Operator			9. Well No.
Drawer F Lia	1wood KS 66052	<b>-</b>	2-9
4. Location of Well			10. Field and Pool, or Wildcat
Unit Letter 15 67	. 8 Feet From The NONTH	Line and 94c 5 Feet From	RAdiam Spa, KOLA
The Mid-Section Line, Section	10 Township T21		
	15. Elevation (Show whether 4033, 2		12. County  D ~ A ANA-
16. Check	Appropriate Box To Indicate Natu	ure of Notice, Report or Other Da	ta
NOTICE OF INTEN	ITION TO:	SUBSEQUE	NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	ALTERING CASING
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT
PULL OR ALTER CASING	CHANGE PLANS	CASING TEST AND CEMENT JOB	`
			<u>.</u>
		OTHER	
OTHER	□		
17. Describe Proposed or completed Op	perations (Clearly state all pertinent d	etails and give pertinenet dates inch	iding estimated date of starting any
proposed work) SEE RULE 203.	sociations (closely state an permitting	• unis, and give perimener dutes, men	taing estimated date by starting any
, , , , , , , , , , , , , , , , , , , ,			
PZ	lugged and Al	ban doned	·
	25-266 Feet	- cuttings	

0-35 Feet cement Study

	4	
18. I hereby certify that the information above is true and com-	aplete to the best of my knowledge and belief.	
SIGNED Bu A Tolzapul	TITLE G. Man-	DATE 11/9/96
APPROVED BY Ty Collins	DISTRICT SUPERVISOR	DATE 11-21-96
CONDITIONS OF APPROVAL IF ANY:		

#### OIL CONSERVATION DIVISION

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

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

### GEOTHERMAL RESOURCES WELL LOG

Operator	Aley R	MASSO1	VINC				
Address	DRAWEL	FLY	swood	Ks 6	6052		
Reservoir	RAdium	1 Sparo	ν <u>8</u> ς				
Lease Name_				_Well No	29	_Unit Letter	3
Location:						line and	J
9	45	_ feet from the	Mid-Sec	Tion	line Section _	10	
Township	T215		Range _	RIW	Coun	ty Dona A	NA

#### FORMATIONS PENETRATED BY WELL

DEPT	н то	Thickness	Drilled or	D		
Top of Formation	Bottom of Formation	Inickness	Cored	Recovery	DESCRIPTION	
0	266	266			Shale mixtures	
					•	
:						

#### 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 Burn	A. Filzul Position	G. Mar.	Date	11/19	96
•	7	J		-	

### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

Date 11/19/96

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT

Ope Lea: Uni Resc	rator se Name t Letter ervoir	Cey LAdi	R M,	4550N Sec.	, ,,,	т	Addı Well	No. T21 S	AWEL 1 29 Rgo	E Lian	wood Ks	66052
Com	menced drillin pleted drillin I depth	s <u> </u>	<u>-17-</u>	95					GICAL MARKERS		DEPTH	
Com	menced prod	lucing	(Date					Geologic	age at total depth			
	Sta	tic test					Pro	oduction Te	st Data	······································		
ate	Shut-in	well hea	d		Total	Mass Flow	Data			Separato	or Data	
	Temp. °F	Pres. P	sig. I	.bs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
	•											
					C	ASING REG	CORD (Pres	sent Hole)	•			<u></u>
ze f ole	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seam or Lapw	less	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement		ent Top mined By
			· · ·									
												<u> </u>
								***************************************				
						DEDECE	NATED CA	EINIC				
			(S	ize, top, bo	ottom, perfo		RATED CAS ls, size and sp		ration and method	1.)		
								•			- 111111	
										·		
Was	analysis of ef	fluent mad	e? NON	<u> L</u> Electric	al log depths	· NON	<u>e</u> .		_ Temperature log	depths	one	
	CERT	IFICATIO	ON									
			that the wledge an		on given a	bove and t	he data and	l material at	tached hereto a	re true and co	mplete to t	he

Signed Bu A Flynd Position G Mgn

CONDITIONS OF APPROVAL IF ANY

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

Form G-1	101
Adopted	10-1-74
Partrad	10-1-7

NO OF CORES BECEIVED										
NO. OF COPIES RECEIVED								5. Indicate	Type of Lease	
DISTRIBUTION		APPLICATION FOR PERMIT TO DRILL, DEEPEN,						STATE   STATE		
N,M,B,M.								5.a State Le		
U.S.G.S.		ORPLO	JG BACKGEO	IHERN	TAL RESOURC	ES WE	LL			
Operator								mm	777777777	
Land Office			,				•			
			• •		01 0 1			7 Unit Agre	ement Name	
1a. Type of Work Drill			Deepen 🗌		Plug Back			NA	ement rame	
b. Type of Well Geotherma	al Produce	er 🔲		Ter	np Observation			8. Farm or I	ease Name	
Low-Temp	Thermal		•	Inje	ction/Disposal			MASSO	4	
1	<del></del>	<del></del>			·		·	9. Well No.		
2. Name of Operator  ALEX R. MASSO	S. A.	V -						# 29		
3. Address of Operator					<del></del>				d Pool, or Wildcat	
	NUm	D . E	s 6005	2					PRING KEDA	
			TED 67.8 FE		*kap	215/2		111111	immin	
UNIT LETTE	R DC	LOCA T	TED VIEW FE	EET FR	OM THE	×111	LINE			
AND 94.5 FEET FROM TH	15 17 M F	LINE OF	SEC. 10 TWP	215	RGE. 2	w	NMPM			
	7777	77777	inniniii.	1717	Timm	1777	MIN	12. County	<del>)                                      </del>	
								DONE A	A All	
//////////////////////////////////////	+++++	<i>}}}}</i>	<del>//////////</del>	444	HHHH	444	+++++	mini	HHHirm	
HHHHHHH	444	+++++	++++++	top)	Proposed Depth	7777	9A. Formati	77777777	20. Rotary or C.T.	
					300			•	ROTARY	
21. Elevations (Show whether DF, R	RT. etc.)	21A. Kin	d & Status Plug. Be	and 2	B. Drilling Contr	ctor		22 Appro		
4033.2	,,		o de Bibles Flug. IX		LEN HUL	11	ic.	TEB.	x. Date Work will sta	
						in a				
•			PROPOSED CASIN	IG AND	CEMENT PROGI	RAM	,-			
SIZE OF HOLE	SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING (		SETTING DEF	DEPTH SACKS C		CEMENT	EST. TOP			
-/ U									201.107	
08										
			·							
NECESSARY TO	D EN	SURL	. OK ING		FOE PER	JUI ONSE	E I V N - 8 199	5 DIVISION	EKST	
IN ABOVE SPACE DESCRIBE PROP zone. Give blowout preventer program I hereby certify that the information	n, if any.		•			<del></del>	oresent prodü	ctive zone an	a proposed new prod	
igned Bun A. FRE		0.0	<b>7</b> 55					,		
	<u> 2900</u>	Kar -	_ Title _ OPE	1247	712			Dute 4/1	195	

DISTRICT SUPERVISOR

Certificate No.

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section. Well No. Leuse Operator 29 Range Unit Letter Section Township RIW Actual Footage Location of Well: 94.5 feet from the MIDSELTI = line NORTH line and feet from the Producing Formation Dedicated Acreage: Ground Level Elev. 4633.2 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? ☐ 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 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 end complete to the best of my knowledge and belief. Position Company shown on this plat was plotted from field under my supervision, and that the same is true and correct to the best of my knowledge and belief.

2000

1500

1000

100

## 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 .						1	Type of Lease	
Fite .		APPLICATION FOR PERMIT TO DRILL, DEEPEN,				STATE 5.a State Lea	in No	FEE 🔀
N.M.B.M.	OR PLU	G BACKGEOTHE	ERM	AL RESOURCES WEI	_L	5.a State Cea	156 NO.	
U.S.G.S.						777777	crerre	~~~~~
Operator								
Land Office						UUUUU		7/////
1a. Type of Work Drill 🗌		Deepen 🗆		Plug Back		7. Unit Agree	ement Name	
b. Type of Well Geotherma Low-Temp				p Observation 🔲 tion/Disposal 🗀		8. Farm or L	,	
2. Name of Operator	· · · · · · · · · · · · · · · · · · ·				·			
ALEX EMASSON	7-10					9. Well No.	9	
3. Address of Operator	2004			· · · · · · · · · · · · · · · · · · ·		·	Pool, or Wile	lost
DRAWEL F LI	11.1100 CC	16052	-				n SARS, F	
				/		111111	177777	777777
4. Location of Well UNIT LETTE	R DLOCAT	ED 23/16 FEET	FRC	M THE NORTH	LINE			
225/ 14	cact		, ,	c				
AND 2356 . 4 FEET FROM TH	HE <b>2/13</b> / LINE OF	SEC. // TWP. /		RGE. KIN	NMPM	777777	777/1/7	+}}}
						12. County		
	<i>[[]</i>	<del>/////////////////////////////////////</del>	777		7/////	DONAL	WIT	777777
			779.	Proposed Depth 19	A. Formati	on	20. Rotary or	· C.T.
			3	300'			ROTARY A	BARKOR
21. Elevations (Show whether DF, F	RT, etc.) 21A. Kind	& Status Plug. Bond	21				. Date Work	
i			K	B. Drilling Contractor  1. D. Huey Dr. 7.	-sus_	1 1 -/	- 95	
•	P	ROPOSED CASING A	AND	CEMENT PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	Т	SETTING DEPTH	SACKS OF	FCEMENT	EST.	TOP
8								
				•				
				<del></del>				
This is no supple suppl	an explox ply of H	atoly well	eka	to Try As	ud. L.	HEAT	AN A	
IN ABOVE SPACE DESCRIBE PROP zone, Give blowout preventer program	i, if any.				esent produ	ctive zone and	proposed nev	v productive
i hereby certify that the information a	above is true and com	plete to the best of my	y kno	owledge and belief.		1	1 .	
signed Bu AFR	<u> </u>	Title & M	٢^			Date 11/19	196	and the state of t
APPROVED BY Ty CONDITIONS OF APPROVAL, IF AN	···-	_TITLE DISTRIC		SUPERVISOR		DATE 11-2	1-96	

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances must be	from the outer boundar	es of the Section.	
Operator			Leuse	• •	Well No.
Unit Letter	Section /O	Township T215	Range R/W	County	ANA
Actual Footage Loca	tion of Well:			, , , , , , , , , , , , , , , , , , , ,	*
231.6	feét from the	NORTH line	and 2356.4	feet from the EA-3"	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Ground Level Elev.	Producing Forn	nation	Pool		Dedicated Acreage:
4017.0 TIPG		ed to the subject well b	u astrod pagail or l	unhura marke on the	Acres
1. Outline	the acreage dedicate	ed to the subject went	ly colored pench of a	lacitule illates on the f	hat below.
2. If more and roya		dedicated to the well,	outline each and ide	ntify the ownership th	ereof (both as to working interest
		different ownersip is d in, force-pooling, etc?	ledicated to the well	, have the interests of	all owners been consolidated by
☐ Yes	□ No If ans	swer is "yes," type of	consolidation		
necessary.) _					. (Use reverse side of this form if
					by communitization, unitization proved by the Commission.
<u></u>					
	Bro	35	1.6'	Bran	CERTIFICATION
	Vain	allen de	2358 4 1	CAP   1 he	reby certify that the information
	1	The second		CARATAL	sined herein is true and complete to
	1	WEV	<b>#30</b>	the L	pest of my knowledge and belief.
	1	אין איש מקיל שינה	eV., 1		• • • • • • • • • • • • • • • • • • • •
	1	NW/qNW/q/V	c/9 1	Name	
	+	+ +		·   Ivaine	
	l		I	Position	:
	1	,	1		
	f i		Ì	Compan	Y .
}	i		1	Date	
	1		!		•
			<u> </u>		
	ı		Ì		
	! !		I	. I I	raby cartify that the well location on this plat was plotted from field
[	,	1		· i i	s of actual surveys made by me or
1	1			1 1	r my supervision, and that the same
	1		1		ue and correct to the best of my
				knov	viedg <del>a</del> and ballaf.
	ŧ		1	,     A	March 28, 1995
	1		1	Onte Su	rveyed
			1		a Entitus
	 		<b>,</b>		ed Professional Engineer
	·				
	i	1	1	A/M	PS 5211
				Certifica	
o an neo	en tásó táno taái	1 2319 2640 2000	1502 1000	500	

## OIL CONSERVATION DIVISION P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form G-1	103
Adopted	10-1-74
Revised	10-1-7

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

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State Fee

3. 3. 3. 3	GEOTHERMAL RES	OURCES WELLS	1 5.4.0
Operator	4202		5.a State Lease No.
Land Office		· · · · · · · · · · · · · · · · · · ·	
Do Not Use This Form for Proposals to Drill For Permit —" (Form G-101) for Such Propo		ifferent Reservoir. Use "Application	
1. Type of well Geothermal Producer	Temp, Observation		7. Unit Agreement Name
Low-Temp Thermal	[ Injection/Disposal		N/A
2. Name of Operator			8. Farm or Lease Name
ALEX R. MASSON I	NC,	·	MASSON
3. Address of Operator DRAWER F. LINWOO			9. Well No. 30
4. Location of Well	, , , , , , , , , , , , , , , , , , , ,		10. Field and Pool, or Wildcat
Unit Letter 3 23/16	Feet From TheNO-NT	1 Line and 23 56,4 Feet From	RAdium Spc5. KGRA
The EACH Line, Section	10 Township 721	S Range RIW NMPM.	
	15. Elevation (Show whether	DF, RT, GR, etc.)	12. County
	4017.6 ER	, .	DONA GNA
16. Check Ap	ppropriate Box To Indicate Nat	ure of Notice, Report or Other Da	ta
NOTICE OF INTENTIO	ON TO:	SUBSEOUE	NT REPORT OF:
PERFORM REMEDIAL WORK	LUG AND ABANDON	REMEDIAL WORK	☐ ALTERING CASING □
TEMPORARILY ABANDON		COMMENCE DRILLING OPNS.	PLUG & ABANDONMENT D
רביוא	HANGE PLANS	CASING TEST AND CEMENT JOB	
		OTHER	[
отнёк	□		
17. Describe Proposed or completed Operatorio proposed work) SEE RULE 203.		•	- · · · · · · · · · · · · · · · · · · ·
wepropose	To case This	hole with 1	6"OD seamless
TO A DOPTH	OF 20' AND	12" ID Fiber 6	LASS TO A
NOOTH OF	4		

18. I hereby certify that the information above is true and cor	nplete to the best of my knowledge and belief.	
SIGNED BALL A Fitzgul	TITLE CO. MAN	DATE 11/19/96
APPROVED BY Ky Efficient	DISTRICT SUPERVISOR	DATE 11-21-96

CONDITIONS OF APPROVAL, IF ANY:

### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501.

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

### ENERGY AND MINERALS DEPARTMENT CERTIFICATE OF COMPLIANCE

STATE OF NEW MEXICO

AND AUTHORIZATION TO PRODUCE **GEOTHERMAL RESOURCES** 

OWNER OR OPERATOR Name	Ley R MAS	son Inc	2		
Address DA	~	Linwood	KS 6	6052	
TYPE OF. WELL Geothermal Producer [ ]	Low	-Temperature The	rmal [×]	Injec	tion/Disposal [ ]
REASON FOR FILING New Well [   Recomp Change in Ownership [ ] Other (Please Explain)	Designation of Purc				
DESCRIPTION OF WELL Lease	Well	30	Name of	Padin	m Springs
Name		Lease			" IFRIDES
(Fee, Fed. or State)		_Number			
LOCATION Unit B Letter  23  Section  DONA A	23/16 56.4 Township				line and
TYPE OF PRODUCT				•	
Dry Steam	Steam and Water			Temp. mal Water	<u> </u>
DESIGNATION OF PURCHA Name of Purchaser A Lex 72	SER OF PRODUCT	Inc			
Address of Purchaser DRAWER	F Liawo	od 1Ks	66052		
Product Will Be Used For _ GREN	House He	ating	•		
CEDITIEICATE OF COMPLIA	NCF	·•			

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 Bry A. Filzerul	Position &. Mgs. Date 11/19 91
Approved My Sphum	DISTRICT SUPERVISOR: 11-21-96

### OIL CONSERVATION DIVISION

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

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

### GEOTHERMAL RESOURCES WELL LOG

Operator _	Alex R. 1	MASSON =	Fuc.				
Address	DRAWER	F Linu	00d 165	660.	52		
	RAdium	, ,		<del></del>		· · · · · · · · · · · · · · · · · · ·	
Lease Nam	ne			Well No	<u> 30                                    </u>	Jnit Letter	<u>5</u>
Location: .	231.6	<u> </u>	_feet from th	e	NORTH	line ar	ıd
	2356.4	_ feet from the _	EA-5	ナーı	ine Section	10	
Township_	7215		Range	RIW	County	, Down.	HNA

### FORMATIONS PENETRATED BY WELL

DEPT	н то	Thistory	Drilled or		
Top of Formation	Bottom of Formation	Thickness	Cored	Recovery	DESCRIPTION
0	60	60			Purple Shale  RhyoLite  GRAY-purple Shale  Purple RhyoLite
60	216	156			RhyoLite
216	241	25			GRAY-purple Shale
241	316	85			Purple Rhyolite

### 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 Brand	A	Fly	عد	Position _	G.	Mg	~	Date .	n	19	96
		<b>3</b> (				1	1			,	•

### 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

Leas Unit	e Name Letter	<u> </u>	3	455000 Sec 12taze5	10		We	11 No	AWER F 30 Rg VA AWA	e RI	1 KS 60	5052
Com		ng/ 216	Plu					GEOLOG	GICAL MARKERS	;	DEPTH	
Com	menced pro	ducing	(Date	· )				Geologic	age at total depth	:		
	Sta	atic test						Production Te	st Data			
Jate	Shut-i	n well hea	d		Total	Mass Flo	ow Data			Separato	or Data	
	Temp. •1	Pres. P	sig	Lbs/Hr	Temp. •F	Pres. Ps	ig. Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. •F
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ize if iole	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	l l	ent Top mined By
171/2	1600			New	SeAM		20	+1 Feet	40 CF	OGR	visu	Ally
	12 ID	<b>#</b> 4		New	50 AM	1e55	220	mp / Fragger T				·
		·										
			19	size, top. hot	tom, perfo		ORATED C		ration and method	1.)		
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Was a	nalysis of e	ffluent mad	e? <u>Non</u>	C_,Electrical	l log depths	N8-	we.		_ Temperature log	depths _00	Ne	
	CEDI	IFICATION	N.									
	CENT	HICAIR	J14					•				

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 .	Br	4	It,	Sul	Position	G. Ma	~	_ Date	ul14	19L
-			7						1	V

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

Form G-107 Adopted 10-1-74 Revised 10-1-78

Operator	Alex R	MASSO	N INC	. RESOURCES	•		linwood k	16 66
Lease Name				L AddressWell No	#30			9_00
Unit Letter	B	Sec	10		45	Roe	RIW	
Reservoir	RAdium	Spains	<u>S</u>	County _	Don	A	~	
the deta	It is of the great rations during the reof. Be sure to in alls, sidegracked ju-	drilling and testi clude such items	ing of the well o as hole size, form	r during re-drillin ation test details	ig, altering of a	asing, pluggi ment used, to	op and bottom of	nt with the o
Date   5-9-5		veed A		S			•	
1-95	Comple	red A	arelen.	8		• * * .		
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	CAS	mg 12	120	Fiber	Lass	220	•	
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CERTIFIC	ATION		.!		•			
		r .						
I hereby cer and belief,	tify that the inform	nation given above	and the date and	material attached	l hereto are trus	end comple	te to the best of m	y knowledge
7	) 1	730	0		61.	586	.1	1.1.
Signed . 5	A 44	TU		Position (	> Mar	<b>1</b>	" . HI	1414L

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

Form G-1	01
Adopted	10-1-7
Revised	10-1-7

File APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. a State Lease No.  13. Type of Work Drill Deepen Plug Back Temp Observation Low-Temp Thermal Producer Low-Temp Thermal Injection/Disposal Mssouls  12. Name of Operator LIN WOOD KS. 66052  13. Address of Operator LIN WOOD KS. 66052  14. Location of Well Unit LETTER LOCATED 231.6 FEET FROM THE NORTH LINE AND 2356.4 FEET FROM THE BOT LINE OF SEC 10 TWP. T 21 S RGE. 24 W NMPM  19. Proposed Depth 19. Formation 20. Rotary of Double Aug.  12. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor March 19. 19.  PROPOSED CASING AND CEMENT PROGRAM	APPLICATION FOR PERMIT TO DRILL, DEEPEN, STATE S	APPLICATION FOR PERMIT TO DRILL, DEEPEN, File  APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. Indicate Type of Lease Fine N.M.B.M. OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. A State Lease No.  5. Indicate Type of Lease Fine N.M.B.M. OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. A State Lease No.  7. Unit Agreement Name N.A.  8. Farm or Lease No.  9. Well No.  9. Wel								
File APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. a State Lease No.  13. Type of Work Drill Deepen Plug Back Temp Observation Low-Temp Thermal Producer Low-Temp Thermal Injection/Disposal Mssouls  12. Name of Operator LIN WOOD KS. 66052  13. Address of Operator LIN WOOD KS. 66052  14. Location of Well Unit LETTER LOCATED 231.6 FEET FROM THE NORTH LINE AND 2356.4 FEET FROM THE BOT LINE OF SEC 10 TWP. T 21 S RGE. 24 W NMPM  19. Proposed Depth 19. Formation 20. Rotary of Double Aug.  12. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling Contractor March 19. 19.  PROPOSED CASING AND CEMENT PROGRAM	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. a State Lease No.  1. N.M.B.M. OR PLUG BACKGEOTHERMAL RESOURCES WELL  5. a State Lease No.  1. Deepen Plug Back 7. Unit preement Name Land Office  1. Type of Well Geothermal Producer 1. Temp Observation 1. R. Farm or Lease Name MASSOJ'S  1. Name of Operator 1. N.M.S.  1. Name of Operator 1. N. M.S.  1. Name of Operator 1. N. M.S.  1. Name of Operator 1. N. M.S.  1. Name of Operator 1. N. M.S.  1. N. M.S.	APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACKGEOTHERMAL RESOURCES WELL  S. S. STATE  S. WELL  S. STATE  S. STATE  S. STATE  S. WELL  S. STATE  S. STATE  S. WELL  S. STATE  S.	NO. OF COPIES RECEI	VED					***	
N.M.B.M.  U.S.C.S.  OPERATOR  Land Office  1a. Type of Well  Geothermal Producer  Low-Temp Thermal  Deepen  Plug Back  Temp Observation  Injection/Disposal  Resources Well  S. Farm or Lease Name  MASSON'S  12. Name of Operator  ALLY  R. MASSON U.C.  13. Address of Operator  DEAWER  LINWOOD  LOCATED  231.6 FEET FROM THE  AND 2356.4 FEET FROM THE  LINE OF SEC. 10 TWP.T 21 S RGE. RAW  NMPM  112. County  DOJA ANA  123. Rotary of  Rotary of  PROPOSED CASING AND CEMENT PROGRAM	NAMBER   OR PLUG BACKGEOTHERMAL RESOURCES WELL	DR PLUG BACKGEOTHERMAL RESOURCES WELL  5.9 State Leave No.  10.5.0.5.  ODOERSTOR  Land OFFICE  11. Type of Work  Drill  Deepen  Plug Back  Temp Observation  Resources Wall  B. Farm or Leave Name  Masson's  12. Name of Operator  ALLY R. Masson Juc.  13. Address of Operator  DLAWGER  TEMP Observation  Injection/Disposal  14. Location of Well  UNIT LETTER B. LOCATED 231.6 FEET FROM THE NORTH  AND 2356.4 FEET FROM THE EAST LINE OF SEC TO TWP T 21.5 ROR RAWA  10. Projosed Depth  10. Projosed Depth  10. Projosed Depth  10. Projosed Depth  10. Rotary or  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST.  WALLY R. SACKS OF CEMENT EST.  WE A MINIMUM OF ZO CHEFFICE CASING, OR AS MARCH AS  NECLESSARY  TO SNEWLE ASING CHOCK PENCETIVATES AT LEAST	DISTRIBUTION						5. Indicate	
DR PLUG BACKGEOTHERMAL RESOURCES WELL   5.3 State Lease No.     U.S.C.S.	OR PLUG BACKGEOTHERMAL RESOURCES WELL  15.4 State Lease No.  15.4 State Lease No.  15.5 State Lease No.  15.5 State Lease No.  15.5 State Lease No.  15.6 State Lease No.  15.6 State Lease No.  15.6 State Lease No.  16. Oberator  17. Unit Agreement Name  18. Farm or Lease Name  18. Farm or Lease Name  18. Farm or Lease Name  19. Willow  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  11. Location of Well  12. Location of Well  13. Address of Operator  14. Location of Well  15. State Lease No.  15. State Lease No.  16. Farm or Lease Name  17. Unit Agreement Name  18. Farm or Lease Name  19. Will No.  19. Will No.  10. Field and Pool, or Wilder  19. Wilder  19. Will No.  10. Field and Pool, or Wilder  11. Location of Well  12. Location of Well  13. Address of Operator  14. Location of Well  15. State Lease No.  16. Farm or Lease Name  17. Unit Agreement Name  18. Farm or Lease Name  19. Will No.  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  10. Field and Pool, or Wilder  12. County  13. Address of Operator  14. Location of Well  15. State Lease No.  16. Farm or Lease Name  16. Farm or Lease Name  17. Unit Agreement Name  18. Farm or Lease Name  19. Will No.  10. Field and Pool, or Wilder  11. Location of Well  12. County  13. Address of Operator  14. Location of Well  15. State Plane Plane Plane Plane Plane Plan	OR PLUG BACK-GEOTHERMAL RESOURCES WELL    S.   State Lease No.	File		APPL	ICATION FOR PE	RMIT TO DRILL, DE	EPEN.	STATE	😡 FE
Oberator Land Office  1a. Type of Work  b. Type of Well  Geothermal Producer Low-Temp Thermal  1a. Type of Well  Deepen  Temp Observation Injection/Disposal  9. Well No.  # 30  10. Field and Pool, or Will  Plum & Pos KG  14. Location of Well  Unit LETTER  LOCATED 231.6 FEET FROM THE WORK  AND 2356.4 FEET FROM THE TETT LINE OF SEC. 10 TWP. T. 21.5 RGE. P. 1.0  19. Froposed Depth  19. Froposed Depth  19. Fromation  20. Rotary of Tables of Proposed Depth  19. Fromation  20. Rotary of Tables of Proposed Depth  19. Fromation  21. Elevations (Show whether DF, RT, etc.)  PROPOSED CASING AND CEMENT PROGRAM	U.S.O.S. Operator Land Office  12. Type of Well Geothermal Producer Low-Temp Thermal Producer Lo	Departor  Independent of the property of the p	N.M.B.M.						5.a State Lea	ase No.
Deepen Deepen Dill Deepen Deep	Land Office    13. Type of Work	Land Office  1-12. Type of Work  1-12. Type of Work  1-13. Type of Work  1-14. Type of Work  1-15. Type of Well  1-15. Type of	U.S.G.S.							
Deepen Plug Back 7. Unit Agreement Name    Deepen   Plug Back   7. Unit Agreement Name   7. Unit	Deepen Plug Back 7. Unit Agreement Name NA  b. Type of Well Geothermal Producer Injection/Disposal NA  b. Type of Well Geothermal Producer Injection/Disposal NA  Low-Temp Thermal Injection/Disposal NA  12. Name of Operator PLUM PLUG PRINT INFO NO PRINT I	Deepen Deepen Dill Deepen Deepen Dill Boepen Deepen Dill Boepen Deepen D	: Operator			•				
b. Type of Well  Geothermal Producer  Low-Temp Thermal  Description  Temp Observation  Injection/Disposal  8. Farm or Lease Name  Mrsso J <sup>1</sup> S  12. Name of Operator  ALLY R. WISSO JUC.  3. Address of Operator  DRAWCR F  LIN WOOD KS. 66052  10. Field and Pool, or Will  PROPOSED CASING AND CEMENT PROGRAM  PROPOSED CASING AND CEMENT PROGRAM  PROPOSED CASING AND CEMENT PROGRAM	D. Type of Well Geothermal Producer Development Develo	B. Type of Well Geothermal Producer   Temp Observation   R. Farm or Lease Name   N/A    12. Name of Operator   P. Mysson   N/A    13. Name of Operator   P. Mysson   N/A    14. Leastion of Well   No. Held and Pool, or Wild    15. PEET FROM THE EAST LINE OF SEC.   No. Teet FROM THE NO.TT    16. PEET FROM THE EAST LINE OF SEC.   No. Teet FROM THE NO.TT    17. County    18. Parm or Lease Name   N/A    19. Will No. Held and Pool, or Wild    10. PEED and Pool, or Wild    11. Default and Pool, or Wild    12. County    13. Address of Operator    14. Leastion of Well   No. Held and Pool, or Wild    15. Peet FROM THE EAST LINE OF SEC.   Ne. T2   S RGE. P. A. W. NMPM    16. County    17. County    17. County    18. Permation    19. Proposed Depth	Land Office							
Low-Temp Thermal Injection/Disposal Injection/Dispo	Low-Temp Thermal Projection/Disposal MSSOJS  12. Name of Operator ALLY R. MSSOJ DC.  13. Address of Operator DPAWER F LINWOOD KS. 66052  14. Location of Well UNIT LETTER B LOCATED 231.6 FEET FROM THE NORTH LINE  AND 2356.4 FEET FROM THE ENT LINE OF SEC. 10 TWP. T.21 S RGE. R.24W NMPM  12. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B, Drilling Contrastor  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TO  15 A MINIMUM OF 20 SURFACE CASING, OR AS AMAGE AS	LOW-Temp Thermal Planication/Disposal   MSSOJ'S    12. Name of Operator   P. MSSOJ'S    13. Address of Operator   P. MSSOJ'S    14. Location of Well   ONIT LETTER   LIN WOOD KS 66052   DEAMER   LINE    14. Location of Well   ONIT LETTER   LOCATED   231.6   FEET FROM THE   NORTH   LINE    15. PEET FROM THE PLOT LINE OF SEC.   D. TWP, T. Z. J. S. RGE.   R. Z. L. W. NAPM    16. Rotary or   DEAMER   P. L. Country   DEAMER   P. L. Country    17. Rotary or   DEAMER   P. L. Country    18. Rotary or   DEAMER   P. L. Country    18. Rotary or   DEAMER   P. L. Country    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER   DEAMER    18. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER    19. Rotary or   DEAMER   DEAMER   DEAMER   DEAMER   DEAMER    19. Rotary or   DEAMER	: 1a. Type of Work	Drill 🗖		Deepen 🗌	Plug Back		7. Unit Agree	ement Name
2. Name of Operator  ALEX R. MISSON INC.  3. Address of Operator  DEAWERZ F LINWOOD KS. 66052  4. Location of Well UNIT LETTER B LOCATED 231.6 FEET FROM THE NO.2TT LINE  AND 2356.4 FEET FROM THE ELST LINE OF SEC. 10 TWP. T. 21.5 RGE. R. 2.1 W NMPM  12. County  DOJA ANA  13. County  DOJA ANA  14. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  PROPOSED CASING AND CEMENT PROGRAM	22. Name of Operator  ALLY R. WASSON, INC.  13. Address of Operator  DENWELZ F LINWOOD, KS. 66052  14. Location of Well  UNIT LETTER B LOCATED 231.6 FEET FROM THE NORTH  AND 2356.4 FEET FROM THE EAST LINE OF SEC. 10 TWP T 21 S RGE. RAW  AND 2356.4 FEET FROM THE EAST LINE OF SEC. 10 TWP T 21 S RGE. RAW  12. Country  DOWN ANA  12. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE  SIZE OF CASING  WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING WEIGHT PER FOOT  SETTING DEPTH  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING OF CEMENT  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING OF CEMENT  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING OF CEMENT  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING OF CEMENT  SACKS OF CEMENT  EST. TO  LINE WORK WILLIAM  PROPOSED CASING OF CASING OF CEMENT  SACKS OF CEMENT  S	12. Name of Operator ALLY R. MISSON, INC.  3. Address of Operator DRAWER F LINWOOD KS. 66052  14. Location of Well UNIT LETTER B LOCATED 231.6 FEET FROM THE NORTH LINE AND 2356.4 FEET FROM THE EAST LINE OF SEC. 10 TWP T215 RGE. RAW NMPM  12. County Draw And Draw A	b. Type of Well	Geothermal Produc	er 🗀 👤		Temp Observation		8. Farm or L	ease Name
ALLY R. MISSONIUC.  3. Address of Operator DPAWER F LINWOOD KS. 66052  4. Location of Well UNIT LETTER B LOCATED 231.6 FEET FROM THE WOLTH AND 2356.4 FEET FROM THE ELST LINE OF SEC. 10 TWP. T. 21.5 RGE. RAW NMPM 12. County DOJA ANA 19. Proposed Depth 19.A. Formation 20. Rotary of ROTATION 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 22. Approx. Date Work of Macch, 1991	ALLY 2. MISSON INC.  3. Address of Operator DRAWGR F LINWOOD KS. 66052  4. Location of Well Unit Letter B Located 231.6 Feet from the No.2771 Line AND 2356.4 FEET FROM THE EAST LINE OF SEC. 10 TWP. T.2.1.5 RGE. 2.1.0 NMPM  12. County DOJA ANA  12. County DOJA ANA  21. Elevations (Show whether DF, RT, etc.) PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST. TO  15.44  A MINIMUM OF 20.1 SURFACE CASING, OR AS AMAGE AS	ALCH R. WISON INC.  3. Address of Operator DEAWER F LINWOOD KS. 66052  4. Location of Well Unit Letter B LOCATED 231.6 FEET FROM THE NORTH LINE AND 2356.4 FEET FROM THE EAST LINE OF SEC. 10 TWP. T215 RGE. 21W NMPM  12. County DOJA AWA  13. Proposed Depth 19A. Formation 20. Rotary or ROTAL  21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 21. Elevations (Show whether DF, RT, etc.) 22. Approx. Date Work of March, 1998  PROPOSED CASING AND CEMENT PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH SACKS OF CEMENT EST.  15 4 A MINIMUM OF 20 CHEFFICE CHEING, OR AS MARCH AS  NECLESSARY TO CHEFFICE CHEING CHOCK PENCTIVATES AT LEST		Low-Temp Therma	1		Injection/Disposal		Masso	ა <sup>ເ</sup> s
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		NECESSARY TO ENSURE USING SHOE PENETILATES AT LUST								
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Operator			Leuse			We	ii no. Зо
Unit Letter	Section	Township	Range	County			
omi Lenei	10	T215	RIU		DONA	ANA	
Actual Footage Lo	cation of Well:						
231.6		NORTH	line and 2356.	4 feet from	the EAST	line Dedicated	A
Ground Level Elev. 4017.D TOP	•	ormation	Pool		,	Dedicated	_
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			·		Name		
•	! !		1		Position		
	1				Company		
			· 1		Date		
					shown of notes of under notes is true	on this plat wif actual sur my supervision	nat the well location was plotted from field veys made by me or on, and that the same to the best of my
					Date Surve	Professional of Surveyor	8, 1995 Engineer

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

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

INO, OF COPIES RECEIVED						
		•			5. Indicate	Type of Lease
DISTRIBUTION		=			STATE	
N.M.B.M.			IIT TO DRILL, DEEPEN		5.a State Lea	FEE X
	OR PLU	G BACKGEOTHER	RMAL RESOURCES WE	LL	0.0	
U.s.G.S.					777777	
Operator						
Land Office						777777777777
la. Type of Work Drill	] [	Deepen 🗆	Plug Back 📋		7. Unit Agre	ement Name
		•	· ^		/V/	H
1 27 27 17 22	nal Producer 🔲		emp Observation		8. Farm or L	~
Low-Tem	p Thermal 🔀	Ir	jection/Disposal		RAdium	spains PARM
2. Name of Operator						
ALEX R. MASS	on Inc				#3	3/
3. Address of Operator	<del>-                                    </del>	·			10. Field and	l Pool, or Wildcat
3. Address of Operator F 2	wwood K	′ 5,				Springs KGRA
4. Location of Well	5.	١٨٦ ٦	ROM THE NORTH		illilli	
UNIT LETT	ERLOCAT	FEET F	ROM THE 1001CIT	LINE		
AND 2/60 3 FEET FROM	THE SASTLINE OF	SEC 10 TWD 71	15 RGE. RIW	NMPM		
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<i>- }}}}}+}</i>	<i>HHHH</i>	<i>}}}}<i>}}</i></i>	19. Proposed Depth 1	7//////	1111111	711111111111111111111111111111111111111
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			300'			ROTARY & HAMMEL
21. Elevations (Show whether DF,	RT, etc.) 21A. Kind	l & Status Plug. Bond	21B. Drilling Contractor K. D. Huey Dr.	11 20	22. Approx	k. Date Work will start
			M, Denaly DE			7 1 )
	P	ROPOSED CASING AN	ID CEMENT PROGRAM			
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Neces LeasT	SARY TO CA	20'sweFac usure cas Rhyolite	e casing, or ing shoe po	L AS I Ne Th	nuch A	4-5 <del>4-7</del>
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Neces LeasT	SARY TO CA	20' SWRFAC USURE CAS Rhyolite	e casino, on ing shoe po	LAS / NeTR	nuch A	4-5 <del>9-9</del>
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NECES LEAST	SARY TO CA	chyolite	ing shoe pa	ve TL	stes 1	49
Neces LeasT	POSED PROGRAM: II	chyolite	ing shoe pa	ve TL	stes 1	49
NECES LEAST	PROSED PROGRAM: III	Agoli?e	or plug back, give data on p	ve TL	stes 1	49
IN ABOVE SPACE DESCRIBE PROZONE. Give blowout preventer progra	PROSED PROGRAM: III	I proposal is to deepen	or plug back, give data on p	ve TL	stes 1	49
IN ABOVE SPACE DESCRIBE PROZONE. Give blowout preventer progra	PROSED PROGRAM: III	Agoli?e	or plug back, give data on p	ve TL	stes 1	49
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IN ABOVE SPACE DESCRIBE PROzone. Give blowout preventer prograthereby certify that the information signed Bana ATE	POSED PROGRAM: III m, if any. I above is true and com argovise)	I proposal is to deepen plete to the best of my	or plug back, give data on pknowledge and belief.	resent produ	ctive zone and	49

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

•	· ·	All distances must	be from the outer b	oundaries of the Section	on.	,	
Operator			Lease			Well No.	
Unit Létièr	Section 10	Township T215	Range R	W	DONA AND	4	-1
Actual Footage Loca		410		2 Faunt Farmer 11	e Ex-s-T	line	
<b>263.3</b> Ground Level Elev.	feel from the Producing For	NORTH-	Pool Pool	0.3 feet from th		cated Acreage:	<u> </u>
4057.7						Acres	) . B'
1. Oütline t	he acreage dedicate	ed to the subject w	ell by colored pend	il or hachure mark	s on the plat below	<b>v.</b>	: '
2. If more and roya		ledicated to the we	ell, outline each ar	nd identify the own	iership thereof (bo	th as to working into	erest
		different ownersip n, force-pooling, et		e well, have the in	terests of all own	ers/been consolidated	d by
. □ Yes	□ No If an	swer is "yes," type	of consolidation_				
If answer is necessary.) _	"no," list the own	ners and tract desc	riptions which have	e actually been con	nsolidated. (Use re	verse side of this for	m if
No allowab forced-poolir	le will be assign ng, or otherwise) o	ed to the well to until a non-standa	intil all interests rd unit, eliminating	have been consol g such interests, has	lidated (by comn s been approved by	nunitization, unitiza the Commission.	tion.
	Bran 3.	MEN	2160.1 2160.1	USQLO A BRASS CAP SELTIOS CON. SO	I haraby cart	RTIFICATION  ify that the information is true and complete knowledge and belief.	
	1	( arw)	HAWIYNEKA		Name	<u> </u>	
	· - +				Position	·	
			1		Company		
	! !		,   		Date		
			 		shown on this notes of actua under my supe	fy that the well locat plat was plotted from for I surveys made by me ervision, and that the sa priect to the best of ballef.	ield or ame
	+				Date Surveyed  Rygistered Professional June 2 Surveyed		
			-		NMPS Certificate No.	No 5211	·
11 330 neu	on idao ikao ika	7 2317 2640	2000 1500 1	000 500 0			

### OIL CONSERVATION DIVISION

P. O. BOX 2088

Form G-1	
Adopted	10-1-7
Revised	

ENERDI AND MINUELINES C	 
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File	
N. M. B. M.	
U. S. G. S	
Operator	
Land Office	

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File	SUMPRY MOTICES	AND DEDODEC	
N. M. B. M.	SUNDRY NOTICES ON		5. Indicate Type of Lease
U. S. G. S			State Fee X
Operator	GEOTHERMAL RES	OUNCES WELLS	5.a State Lease No.
Land Office	7		
Do Not Use This Form for Proposals For Permit —" (Form G-101) for Sucl	to Drill or to Deepen or Plug Back to a D h Proposals.)	rifferent Reservoir. Use "Application	
1. Type of well Geothermal Pro	oducer Temp. Observation		7. Unit Agreement Name
Low-Temp The	rmal 🖾 Injection/Disposal [		NA
2. Name of Operator  ALEY RI MASSO	n Inc.		8. Farm or Lease Name RAdium Springs FACO
3. Address of Operator			9. Well No.
DRAWEL FLO	NWOOD, KS 6605Z		<del>平</del> 31
4. Location of Well	,		10. Field and Pool, or Wildcat
Unit Letter 13 20	3.3 Feet From The NOLIT	1 Line and 2/60.3 Feet From	RAdium Speinss KGRF
	n 10 Township 121		
	15. Elevation (Show whether 4051.7	•	DOWA ANA
16. Che	ck Appropriate Box To Indicate Nat	ture of Notice Report or Other Da	
NOTICE OF INT	1		
			NT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON L	REMEDIAL WORK	☐ ALTERING CASING
TEMPORARILY ABANDON L	CHANGE PLANS	COMMENCE DRILLING OPNS.  CASING TEST AND CEMENT JOB	☐ PLUG & ABANDONMENT
i vez en niz ven en en en	2.11.0	Opposite 1231 AND CEMENT TOB	
		OTHER	
OTHER	□		
17. Describe Proposed or completed proposed work) SEE RULE 203.	Operations (Clearly state all pertinent of	details, and give pertinenet dates, inch	uding estimated date of starting any
			-/ · · · · · · · · · · · · · · · · · · ·
we s	ropose To case	This hole wol	~ 11 11
Frber	GLASS CASINS TO	o A Depth of	260
•			

18. I hereby certify that the information above is true and co	mplete to the best of my knowledge and belief.	·
SIGNED Bu A Fitzgund	TITLE G MAN	DATE 11/19/96
APPROVED BY Ky Chiming	PISTRICT SUPERVISOR	

### OIL CONSERVATION DIVISION

ENERGY AND MINERALS DEPARTMENT

STATE OF NEW MEXICO

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	ALex R.	MASSON I	NC		
OWNER OR OPERATOR Name Address	DRAWEL F	= Linwoo	O Ks.	66052	·
TYPE OF. WELL Geothermal Producer [ ] REASON FOR FILING	Low		. •		ction/Disposal [ ]
New Well [X] Recor Change in Ownership [ ] Other (Please Explain)	npletion [ ]  Designation of Pure	chaser [ ]			
DESCRIPTION OF WELL Lease Name	Well No	3 /	Name of Reservoi	r RAdius	n Spain gS
Kind of Lease (Fee, Fed. or State)		Lease Number			
LOCATION Unit Letter B; 2160:3  Section 10 County Down Am	_Township	feet from the feet from the 1	N EA Range	ORTH ST RIW	line and line of
TYPE OF PRODUCT Dry Steam	Steam and Water	I	Th	ow Temp. nermal Water	×
DESIGNATION OF PURCH Name of Purchaser Alex	ASER OF PRODUCT  MASSON	The			
Address of Purchaser Draw	er F. Liv	wood Ks.	6605	'2	
Product Will Be Used For <u>Secon</u>	er F. Lia House Her	15TW8			
CERTIFICATE OF COMPL	IANCE	<b>4.</b>			
I hereby certify that all ru promulgated by the Oil Co subject well, and that the in	onservation Division	of New Mexico, h	ave been con	aplied with, wit	h respect to the

### OIL CONSERVATION DIVISION

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

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

GEOTHERMAL RESOURCES WELL LOG

Operator	Alex R	MASSON.	INC,					
Address	DRAWER	Fi Liwi	wood	KS	6605	2		_
Reservoir _	RAdium	SPRINES						
Lease Name	)			We	II No	<u>3/u</u>	nit Letter $\mathscr{S}$	
Location: _	203.3		feet fror	n the_		orth	line and	
216	,0,3	_ feet from the _	EA		line	Section	10	
Township_	7215		Range	£	ZIW	County_	DOWA HA	JA

#### FORMATIONS PENETRATED BY WELL

				***************************************	
<del></del>	H TO  Bottom of	Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Formation 1		Cored		
0	12	12		:	SAND-GRAVEL-Bouldons
12	11,9	107			GRAY TO PURPLE SHALE
119	277	158			FURPLE RHYOLITE GRAY RHYOLITE
277	292	15'			GRAY RHYOLITE
				·	•
		÷			
				·	

### 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 3	1 Feared	Position G. Man	Date _	11/19/96
- 0	0	3		

### 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

Ope Lea Uni Res	rator se Name _ t Letter ervoir(	Alex B RAdiu	R. M	1455021 Sec PRINE	10 5	<u>C</u>	A(	ddress Der	ower F 31 	Lin 200 e R11	1 Ks	66052
Com Com Tota	menced drill . I depth	Iling	2-9- 5-/4- Pu	95					ICAL MARKERS		DEPTH	
Com	menced pro	oducing	(Date	<u>.</u> )			<del></del>	Geologic a	ige at total depth	:	<del></del>	<del></del> -
	St	atic test						Production Tes	t Data			
∍ate	Shut-	in well hea	d		Total	Mass Flo	ow Data			Separato	or Data	
	Temp. •	F Pres. P	sig. I	.bs/Hr	Temp. •F	Pres. Ps	ig. Enthalp	y Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. *F
				~_ <del>-</del> -								
<u>.</u>									-			
	-	_			<del></del>		_		<del> </del>	<del> </del>	\	
<u></u>												
		·										
							l		•	<u> </u>		
					C	ASING I	RECORD (F	resent Hole)				
ize if ole	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	4	ent Top mined By
1234	16 00	3425		NOW	SEAM	(ess	20	H Feet	9	OGR	U150	ALLY
		F.G. #4		New	Seam	Lass	260	+1 Feet				
	· · · · · · · · · · · · · · · · · · ·				<u> </u>							
			l		<u></u>	DEDE	ORATED C	ACING				
		•	(S	ize, top, bot	tom, perfo				ration and method	1.)		
	······································									<del></del>		
				<del></del>								
Was ;	nnalysis of e	ffluent mad	e? _A1070-	Electrica	l log depths	. <u>//</u>	one.		Temperature log	t depthsN	one	
		TIFICATIO										

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 Br A Tagguel Position G. Mgn Date WK aL

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

GEOTHERMAL RESOURCES WELL HISTORY

Operator	Alex R MASSON INC. Address DRAWER F LINWOOD KS, 66052
Lease Na	Well No3 /
Unit Lett	B Sec. 10 Twp. 7218 Rge RIW
Reservoir	RAdium Springs County Don't AND
1103011011	
t	It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important rations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates eof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation its, sidetracked junk, bailing tests, shooting, and initial production data and zone temperature. (Attach additional sheets if necessary.)
Date -95	Commenced Brillians
4-95	Completed Drilling
	CASING 16" OF SEAMLESS 20' 27 CULIC FEET COMENT DUMP GASTAT
	CASING 12ID FIGERGLASS 260'

### **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 But A	Filzend	Position G. Max	Date_11994
	>1	,	

## i Fi STATE OF NEW MEXICO

# OIL CONSERVATION DIVISION ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

form G-1	01
Adopted	10-1-74
Revised	10-1-78

NO OF COMES BECEIVED					
NO, OF COPIES RECEIVED	<del></del>			5 Indicate	e Type of Lease
DISTRIBUTION .	+				FEE
	1 1		MIT TO DRILL, DEEPEN	10 - 01-1-1	
N,M,B,M,	OR P	LUG BACKGEOTHE	RMAL RESOURCES WE	LL	
U.S.G.S. Operator	<del></del>			777777	
Land Office	<del></del>				
		Deepen 🗆	Plug Back 🔲	7. Unit Agr	reement Name
				N/A	
• •	rmal Producer	_	Temp Observation	}	Lease Name
. Low-Te	mp Thermal	lr	njection/Disposal 🗀	MASSO	
2. Name of Operator	77 A - C			9. Well No.	<u> </u>
HLEA	E. MYSS	SO INC.			- A David ve 1971 A
3. Address of Operator	7 LING	rood, KS	46052		nd Pool, or Wildcat  SP65 12612 A
			FROM THE NORTH	111111	
UNIT LE	TTERLOC	ATED FEET I	FROM THE	LINE	
AND 2160, FEET FROM	THE ST LINE C	F SEC. 10 TWP. T	215 RGE, RAW	NMPM	
				12. County	
				DouA A	the IIIII
				19A. Formation	20. Rotary or C.T.
			3001		ROMBY
11. Elevations (Show whether D. 4051, 7	F, RT, etc.) 21A. K	ind & Status Plug. Bond	21B. Drilling Contractor	22. Appro	ox. Date Work will st
211 I			TOO HVCY		Cycles
•		PROPOSED CASING A	ND CEMENT PROGRAM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST TOP
1/.	oree or onomia	WEIGHTEN 7001	SETTING DEFTA	SACKS OF CEIVEIVI	EST. TOP
1514	12		1		
* A MIVIM	un of	zol surth	GE CTSING,	OR AS M	uch As
					<b>A</b> —
NECESSARY	TO EN	sunt ctoln	e phoe M	ENETRATES	AT
				* · · · · · · · · · · · · · · · · · · ·	
LUST 2	OF RH	YOUTE.		W <sub>4</sub>	
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•	NS.	•	•		
	•				
ABOVE SPACE DESCRIBE PI	ROPOSED PROGRAM	: If proposal is to deepen	or plug back, give data on (	present productive zone a	nd proposed new pro
ne. Give blowout preventer prod					
ereby certify that the informati	on above is true and c	amplete to the best of my	knowledge and belief.		_
Ruse	To sayla Cal	TILL OPERATE	M	6.	11/95 -
neu Diversity	3(	Title Credent	,n	Dute	
(This space for	State Use)			-	
/ / 9.	1.1/	DISTRI	ICT SUPERVISO	<b>~</b> n	. (
PPROVED BY 54 CA					1.2 /
THOUSED BY	mu	TITLE	AT SOLEKAISC	OR DATE 6	18/85

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

#### F.85 JUN 1 1995

		All distances of	nust be from t	ne auter boun	jaries (	of the Section.		
Operator		-	Lease					Well No.
Unit Letter	Section 10	Township T21	I	Range R/U	]	County	DONA	ANA
Actual Footage Loca		NORTH		2160,	2	feet from the	E74-5-	
Ground Level Elev.	Feet from the Producing For		line and Pool	<u> </u>	3	reet from the	C/F3	Dedicated Acreage:
1	he acreage dedicat	ed to the subject	well by col	ored pencil o	r hac	hure marks o	n the plat	below.
2. If more and roya		dedicated to the	, well, outlin	e each and	dentif	fy the owner	ship there	of (both as to working interes
	than one lease of itization, unitization			ted to the w	ell, h	ave the inter	ests of all	l owners been consolidated b
☐ Yes	□ No If an	nswer is "yes," ty	pe of conso	idation				
If answer is necessary.) _		ners and tract de	escriptions w	hich have a	ctually	been conso	lidated. (1	Use reverse side of this form
								communitization, unitization ved by the Commission.
	Brans emp 1/4 con	WEN	WELL N W/44W/41	7 60.3 0 3	BA CA	5940 A (A) 1 (P) (471) J (2-E)	containe	CERTIFICATION  y cartify that the information d herein is true and complete to of my knowledge and belief.
					<del></del> -		Vame .	
 	1	·		1			Position	
	1						Company	
				   			Date	
							shown of notes of under m	y certify that the well location in this plat was plotted from field f actual surveys made by me or by supervision, and that the same and correct to the best of my tige and ballef.
	i I			   			MA Date Survey	ncH 28, 1995
	1			1		1 1	/ · · · ·	Professional Engineer
				1			ind/or land	1PS No 5211
							Zertificate	

Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505 Form G-108 Adopted 10-1-74 Revised 10-1-78

### MONTHLY GEOTHERMAL PRODUCTION REPORT

						s	UBMIT IN	I DUPLICA	TE		Mouth o	)[ .	70 2/28/03
Oper	ator /	ILE	x R	MA	SSON			Address	X20 RA			N AA	83054
Lease	e M	As	50N				Reserve	oir 14M S	PRINGS.	KERA	County	1A /	88054 ANA
NOT	E: Rep	ort ac	tual proc	Juction (	(NOT SALES). Us	e Form G-109 f	for water i	njection we	lls.	[			1
			İ		Total	Dry	Flow	Flow		Minerals	Method	No.	If well
					mass	steam	temp.	pres.	Water	produced	of	days	not on
Well	Unit				produced	produced	(°F)	(psig)	produced	(type and	Prod	well	production,
No.	Ler.	Sec.	Twp.	Rge	(Lbs x 10 <sup>6</sup> )	(Lbs x 10 <sup>6</sup> )			(acre-feet)	tons)	(F. or P.)	prod	state reason
32		10	215	IW	3.0		145.5	) )	sla		P		
	·				X				<del>-X-</del>				
33		10	215	IW			168.0		11				
			]									İ	BACK-UP
34		10	215	IW		*			i		P		
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					X. Corro	$\mathcal{D}_{-\alpha}$		_	c 1 1	1.00	later	(2)11	10
					IN FO	L ROP	41125		WATE	n pro	OCUCI		/3
					Cappe	nitly	600	1020	101	aa	<i>l</i> .		
			:		CURICIO	,0,0	D.C.	5.	MALE	PREI	rig	/ VC	2
			ĺ		Dispos	BAC I	14/6	ction	Flou	UM	c fps	(co)	
				-	,	•	, V		• "		n Farms of	t i	levico Inc.
										2100 (	C.R. D061	146M 14	ensco, mo.
										P.O. E Radiu	ox 20 m Springs,	N.M. 8	38054
				ļ					1	Itaara			
			L								··, , ,		
L		OTAL				<del></del>		/////					
I he	I hereby certify that the information above is true and complete to the best of my knowledge and belief.												
•	11	1		[[]	colin/f	J	Man	15	esin.		7.	4-	07
	J 2 G12	1	Signatu	re)	Caro y		ywn	(Title)	egin.			14 - (D)	nte)
			/ "		//								

# Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505

### MONTHLY GEOTHERMAL INJECTION REPORT

			ਵੀਂ ਜ਼ਿ	,*	÷					Month of /	DA TO 5/19	102
Opera AL		· ·	R.MA	-580	۸/			Iress  D. Rox 20	D RADIUM			
Lease Name			550	•		Field RAD		W65, K	PRADIUM Count	y NA AW	į.	- <del>V - ) - F</del>
Well No.	UL	Lo	cation	R	P.M. or D.	Acre Feet Water Inj.	Ave. Surf. Inj. Pres.	Ave. Temp.	Cumulative Water Inj.	Name of Inj. Zone	Source of Water	
19	;	10	ais	IW	0, 0,	B1.95	20,2		26,704,31	<del>                                     </del>	PRODUC	·
25		10	215	IW		,					BACK-U	P.
	·   			1								•
		·									And designed to the second sec	
												·
15	17	/A (	+10	E								
ТОТА						81.95			26,704,318	1-5-5-5-5-5-5		

P.M. is injection into a producing zone for the purpose of building up or maintaining pressure.

D. is injection into a zone other than a producing zone for disposal purposes.

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

Masson Farms of New Mexico, Inc. 2100 C.R. D061 P.O. Box 20

Radium Springs, N.M. 88054

Remarks: All ROADINGS ART FROM
THO TRYOCTION Flow Meter
Whice Instrumenton of the Now
Moter is complete a

Name ANTONIO HERODIA TR.

Company MASSON FARMS OF NOW MODICO

Title MAINT- Super VISOR Date 8-10-02

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

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE APOGESSBOX 20 RADIUM SPRINGS Operator Report actual production (NOT SALES). Use Form G-109 for water injection wells Method Total Dry Minerals If well No. Flow Flow produced Water of not on mass steam days temp. pres. Prod well Well Unit produced produced produced (type and production, (°F) (psig) (Lbs x 106) (F. or P.) Ltr. Sec. Rge (Lbs x 106) prod No. Twp. (acre-feet) tons) state reason 143,93 32 10/215 P IW 33 10 2151 w 167.60 34 PRODUCTION METER IS STICL OUT OF SERVICE. NACTIVE 28 30 31 **TOTALS** 

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

(Title) 2100 C.R. D061 (Date)

P.O. Box 20 Radium Springs, N.M. 88054 Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505

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

### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE 7/9/02 Address DOX 20 Radium Springs N.M. NOTE: Report actual production (NOT SALES). Use Form G-109 for water injection wells. If well Total Dry Method No. Flow Flow of Water produced not on mass steam days temp. pres. Prod well Well Unit produced (type and production, produced produced (°F) (psig) (Lbs x 106) No. Ltr. Sec. Twp. Rge (Lbs x 106) (acre-feet) tons) (F. or P.) prod state reason 10 215 IW 32 15スフ ρ 215 IU 33 Back UP Back UP 34 10 215 IW Ir active 22 Production meter is still out of Survice 23 26 28 30 31 **TOTALS** 

the information above is true and complete to the best of my knowledge and belief.

MAINTENANT Deservisor Masson Fathis of New Mexico, Inc.

2100 C.R. D061

Radium Springs, N.M. 88054

P.O. Box 20

Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505

Form G-108 Adopted 10-1-74 Revised 10-1-78

### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE Apdress BOX 20 , RADIUM 3PRINGS, NM Operator R. MASSON Lease MASSON 'Name PONA ANA Report actual production (NOT SALES). Use Form G-109 for water injection wells. NOTE: Method If well Total Dry Minerals No. Flow Flow Water produced of not on mass steam days temp. pres. produced (type and Prod well production, Well- Unit produced produced (°F) (psig) prod (Lbs  $\times$  106) (Lbs x 106) (F. or P.) Rge (acre-feet) Ltr. Sec. Twp. tons) state reason No. 215 10 10 150.3 ρ 10 215 1 W 169.3 BACK-UP 10 215 IW PRODUCTION METER IS STILL OUT OF SERVICE, INACTIVE **TOTALS** I hereby certify that the information above is true and complete to the best of my knowledge and belief.

(Signature)

MAINT Supspuson

4-5-02 (Date)

Masson Farms of New Mexico, Inc. 2100 C.R. D061

P O. Box 20

Radium Springs, N.M. 88054

Form G-108 Adopted 10-1-74 Revised 10-1-78

### MONTHLY GEOTHERMAL PRODUCTION REPORT

,						S	UBMIT IN	DUPLICA	TE		Month c	10/30	SOITA 11/3 W/O
Ope	rator	LE	× R	'. M	ASSON			Address	Box 20	RADIU	M SPRIA	165	UM 88054
Lea Nan	se ne M	A-5	SO	ر ا	(NOT SALES). U		Reserve	DIT DIUM	3PRI	N65	County DON	Α /	2/01TO 11/30/0 NM. 88054 ANA
Well No.	Unit	Sec.		Rge	Total mass produced (Lbs x 10 <sup>6</sup> )	Dry steam produced (Lbs x 10 <sup>6</sup> )	Flow temp. (°F)	Flow pres. (psig)	Water produced (acre-feet)	Minerals produced (type and tons)	Method of Prod (F. or P.)	No. days well prod	If well not on production, state reason
32		10	215	ıω	10,490,2	10	146. 168.	2	32.193		P		PRODUCTION
33		10	215	IW	10,490,2	10	168.		32.193		ρ		producting
223428	L		A C			0			1420				
	7	OTAL		in Infor	20,980,42 mation above is	0	whate to		64.3B				

Signature) Title) / Dec Ol

ALEX R. MASSON, INC

2100 C.R. D051

PO BOX 20 RADIUM SPRINGS, NM 88054

Gil Conservation Div. 2040 Pacheco St. Santa Fe, NM

Form G-108 Adopted 10-1-74 Revised 10-1-78

		•				s	UBMIT IN	DUPLICA	TE		Monthy	of Class	To 10/30/01
Ope	rator	AL	EX	R	MASSON	J		Address	Box 20 .	RADIUM	SPRWG.	<del>7/8/</del> 5 N./	ч. 88054
Lea Nan NOT	ne /		550 tual prod		(NOT SALES). Us	e Form G-109 1	Reservo	ir /////// njection we	BOX 20 .	ĢS	County DDA	JA- 7	9NA-
					Total	Dry	Flow	Flow		Minerals	Method	No.	If well
	-  -	, ·			mass	steam	temp.	pres.	Water	produced	of .	days	not on
Well	Unit	٠.			produced	produced	(°F)	(psig)	produced	(type and	Prod	well	production,
No.	Ltr.	Sec.	Twp.	Rge	(Lbs x 10 <sup>6</sup> )	(Lbs x 10 <sup>6</sup> )		<u> </u>	(acre-feet)	tons)	(F. or P.)	prod	state reason
35		10	215	ıω	9,479,090		148.6	2.	29.09		P		PRODUCTION
33		10	215	ıω	9,479,090	<b>&gt;</b>	168.9	م	29,09		P		PRODUCTION
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36	1					Alex							
30													
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. I he	reby c	ertify	that the		nation above is		plete to	the best o	f my knowle	dge and belie	<i>///////</i> ef.	<u>/////</u> :	

ALEX R. MASSON, INC

2100 C.R. D081 PO BOX 20

RADIUM SPRINGS, NM 88054

# OU CONSERVATION DIVISION P, 0. BOX 2018 SANTA FE. NEW MEXICO 87401

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

				MEXICO 87501			
NO. OF COPIES RECEIVED							
DISTRIBUTION .				•	(	5. Indicate	Type of Lease
File		APPI	ICATION FOR PERM	IT TO DRILL, DEEPE	A1	STATE [	FEE (V
N.M.B.M.				MAL RESOURCES W		5.a State Le	
U.S.G.S.		• • • • • • • • • • • • • • • • • • • •		INGOODINGES IN			
Operator					Ī	777777	THITTI
Land Office	<u>]</u> ]				{		
12. Type of Work Drill	Z		Deepen 🗆	Plug Back 🔲		7. Unit Agri	A Name
b. Type of Well Geother	rmal Produc	er 🗷	Te	emp Observation 🔲	}	8. Farm or	Lease Name
• •	mp Thermal		į tnį	ection/Disposal 🔲	1	MAS	
		~~	or age to see the second			9. Well No.	
2. Name of Operator ALEX	R. MA	1550N	INC	***************************************			32
3. Address of Operator DRA	WER !	=	LINWOOD KA	INSAS		10. Field an RADiu	M SPGS , KGR
4. Location of Well UNIT LET	TER	LOCA1	160 <u>55</u> FEET F	ROM THE N	LINE		
AND 1891,8 FEET FROM	THE E	LINE OF	SEC. 10 TWP. 21	S RCE. W.	NMPM_		
		Mille				DONA I	AMERICAN
						MINI	
		11111		19. Proposed Depth	9A. Formation		20. Rotary or C.T.
				300			ROTARY
21. Elevations (Show whether Di 4054	F. RT, etc.)	21 A. Kinu	1 & Status Plug, Bond	K, D. HUEY CO	•	22. Appro:	t. Date Work will start 29-97
•		P	ROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF	ASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF	CEMENT	EST. TOP
171/2"	123	γ <sub>4</sub> ''	25,22	40'	32		SURFACE
	ļ				1		
The second second second is the second of the second secon	<u> </u>				<u> </u>		· · · · · · · · · · · · · · · · · · ·
	•						
			•				

one. Give blowout preventer program, if any,	If proposal is to deepen or plug back, give data on present	productive zone a	ind proposed new productiv
hereby certify that the information above is true and co-	mplete to the best of my knowledge and belief.		1
ined Bu A Toquie	TUR Operata	- ave -11	15 97
This space jugs supe Upe			
APPROVED BY 548 Million	DISTRICT SUPERVISOR	DATE 16	2/29/97
ONDITIONS OF APPROVAL, IF ANY			

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

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

	tances must be from the		Section.	IWall as
perator	Lease	•		Well no.
ALEX R. MASON, INC.	nip	Range	County	1 54
10	21 SOUTH	1 WEST	DONA ANA	
tual Footage Location of Well:				
55.0 feet from the NOR			<u>EAST</u> line	
ound Level Elevation Producing Formation	Po			Dedicated Acreage:
4054		RADIUM SPRIN	IGS	10Acres
1. Outline the acreage dedicated to the	ne subject well by co	lored pencil or hac	hure marks on the pl	at below.
2. If more than one lease is dedicate and royalty).	d to the well, outline	each and identify	the ownership thereof	(both as to working interest
3. If more than one lease of different communitization, unitization, force—p		ted to the well, ha	ve the interests of all	owners been consolidated by
Yes No If answer	is "yes," type of con	solidation		
If answer is "no," list the owners and necessary.)	tract descriptions whi	ch have actually be	en consolidated. (us	e reverse side of form if
No allowable will be assigned to the we forced-pooling, or otherwise) or until a				
	55.0'	U.S.G.I	_O. BRASS CAP C E	RTIFICATION
U.S.G.LO. BRASS CAP U.S.G.LO. BRAS SECTION CORNER QUARTER CORN	WELL #32	E 1/4 W 1/4 E 1/4	I hereby	certify that the information d herein is true and complete to
			the best	of my knowledge and belief.
		1	Name	
			Position	
			Company	
			Date	
				and the first three states and the states are
			shown o notes of under n is true	certify that the well location n this plat was plotted from field actual surveys made by me of ny supervision, and that the same and correct to the best of my ge and belief.
		SANC CA	MACU	
		A Property of the second	Date Survey	ed DVEMBER 10, 1997
		925 Parties 101	Registered and/or Lan	Professional Engineer
		PAOSES 5101	Certificate	
0 330 660 990 1320 1650 1980 23	10 2640 2000	1500 1000	500 0 N	M.P.S. NO. 9254

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

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

			must be from the	outer bo				
perator ALEX R. MASON	INC		Leas	e				Weil no.
nit Letter Section	,	Township	, <u>,,</u>	Range	<del> </del>	County		
tual Footage Location of We	10	21 S	OUTH	1	WEST	DON	A ANA	· · · · · · · · · · · · · · · · · · ·
د د د		NORTH	line and 189	1.8	feet from the_	EAST	line	
ound Level Elevation	Producing Forma	tion	Po	ol				Dedicated Acreage:
4054				R/	ADIUM SPRI	NGS		Ac
1. Outline the acreag	e dedicated	to the sub	oject well by co	lored p	encil or had	chure marks	on the plat	below.
<ol><li>If more than one and royalty).</li></ol>	lease is ded	licated to	the well, outline	each	and identify	the owners	hip thereof (	both as to working intere
3. If more than one communitization, un				ted to	the well, ho	ive the inter	ests of all o	owners been consolidated
Yes	No If ans	swer is "ye	s," type of cor	nsolidati	on			
If answer is "no," list necessary.)	the owners	and tract	descriptions whi	ch have	e actually b	een consolid	lated. (use	reverse side of form if
No allowable will be as forced-pooling, or other	•							•
			55.0'		U.S.G	LO. BRASS CAP	CER	TIFICATION
U.S.G.L.O. BRASS CAP SECTION CORNER	U.S.G.L. QUARTEI	O. BRASS CAP R CORNER	WELL #32 / / N	E 1/4 W 1/4 E 1/4	1891.8*		contained i	ertify that the information herein is true and complete my knowledge and belief.
	   						Name / Mar	nt here
	   						Position alex 12-	Mossen In
	 						Company  12 -	16-97
							Dute	
							shown on t notes of ac under my	ertify that the well location this plat was plotted from fi tual surveys made by me of supervision, and that the sa I correct to the best of my and belief.
	 				SANC CO	MACO		
	:   			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WE'N THE	Co \	Registered Pro	EMBER 10, 1997
					925 THE PROFESSIO	HAL LAND STORY	and/or Land S	- Camacleo
0 330 660 990 13	20 1650 198	0 2310 264	40 2000	1500	1000	500 0		P.S. NO. 9254

NO OF COPIES RECEIVED	OIL CONSERVATION COMMISSION		
DISTRIBUTION P. O	. Box 2088, Santa Fe 87501		
File	2.0		
N. M. B. M. SUNDR'	Y NOTICES AND REPORTS		
U. S. G. S	ON	5. Indicate Typ	
Oceanitor GEOTHE	RMAL RESOURCES WELLS	State	Fee 🔀
Land Office		5.a State Lease	No.
Do Not Use This Form for Proposals to Drill or to Deepen or Plu For Permit —" (Form G-101) for Such Proposals.)	g Báck tó á Different Reservoir; Úsá "Application		
:- Type of well Geothermal Producer - Temp. Of	servátion	7. Unit Agreem	ent Name
	Disposal	NA	<u> </u>
2. Name of Operator  Alex. R. Masson, Inc.	engala di Maria. Banangan	8. Farm or Lea MASSON	
3. Address of Operator Drawer F Linwood KS	66052	9. Well No.	32
1 Location of Well		10. Field and P	
Unit Letter	NORTH Line and 1891,8 Feet From	Radium	Springs
The EAST Line, Section 10, Towns	nip 21 5 Range 1 W NMPM.		
	Show whether DF, RT, GR, etc.)	12. County	74444
111111111111111111111111111111111111111	54 GR.	Done Ana	
Check Appropriate Box To	Indicate Nature of Notice, Report or Other Da	ıta	
NOTICE OF INTENTION TO:	SUBSEQUE	NT REPORT OF	:
PEPFORM REMEDIAL WORK . PLUG AND ABANDO	N REMEDIAL WORK	ALTER	RING CASING
TEMPORARILY ABANDON	COMMENCE DRILLING OPNS.	☐ PLUG	& ABANDONMENT
PULL OR ALTER CASING CHANGE PLANS	CASING TEST AND CEMENT JOB		
CTHER	OTHER		
07. Describe Proposed or completed Operations (Clearly state of mosed work) SEE RULE 203.	ill pertinent details, and give pertinenet dates, incli-	uding estimated a	late of starting any
Drilling Start on 9-29-97 and Co well Drilled to 300 feet and Ca	emplete on 15-3-97. Sow To sed with 12" Libuglas case	imp bes	thermal bottom
the easing is perforated for 20 turbine pump is Set at 240	ofut to 300 feet and a	ne halow	the pump
wrbine pump to Set at 240	wan & x 10 Country for	for versus	
making the intake level 250'			
projected gpm to be 350 to	tgo		
, ,	•		
•			
	† .		
•	,		
		•	
: 4. I hereby certify that the information above is true and comple	ete to the heet of my boundaries - i to use		
A section was the imprimation above is true and complete	the to the dest of my knowledge and hener.		
SIGNED Jam Moore	- Maint he	DATE 12.	16-9-
SIGNED	THE TOTAL PROPERTY OF THE PROP	DATE	
DEROVED BY The Enthum	DISTRICT SUPERVISOR	DATE 121	129/97
CONDITIONS OF APPROVA	THE CONTRACTOR OF THE PROPERTY	UATE	
CONDITIONS OF APPROVA ANY			

Signed

# OIL CONSERVATION DIVISION F. 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

Address	DRAWEL		INC,	5 66052		
	, so	:				
TYPE OF WELL		•		•		
Geothermal Produ	cer []	Low-Temper	ature Thermal	( <del>Y</del>	Injection/Dis	sposal [ ]
	e de la companya de l					
REASON FOR FI	LING					
New Well [X]	Recompletion [					
	hip [ ] Designati	on of Purchaser [	]	·		
Other (Please Exp	lain) [ ]					
		÷				
DESCRIPTION OF	F WELL					
Lease		Well 3	2	Name of 2	adiam Spain	a. c \$
Name		No		Reservoir	702.	<u> </u>
Kind of Lease	a)	Lease Numb	er			
(ree, red. or state	e)	Nomo	CI			· · · · · · · · · · · · · · · · · · ·
LOCATION					•	
Unit			J	1		
Letter	. 50.	feet fi	om the Noe			line and
1891.8	- 4		rom the EA		·	line of
Section 10	Township	215	Rai	nge IW		
County Do	AUA .	•				<u>-</u>
county						
TYPE OF PRODU	ICT		•		•	
Dry	•	Steam and		Low Ten		•
Steam		Water		Thermal	Water	
	F PURCHASER OF P	RODUCT				
Name of Purchaser	ALOUR M	ASSON In	ر ح			
Address of Purchaser	Situal F	- Linwo	ud Ks.	66052	c'	
D t . Will	EREEN HOU	1 1	ug			
CERTIFICATE OI	E COMPLIANCE	•	<b>.</b>	,		

# OIL CONSERVATION DIVISION SANTA FE NEW MEXICO 87501

Form 0-10\$ Adopted 10-1-74 Revised 10-1-74

GEOTHERMAL RESOURCES WELL LOG

Operator	ALexiz	MASSO.	n Inc	4	· .	,
à .i.l	DRAWER	FL	ra wood	K5 6	6052	
Reservoir	RAdium	Spring	5			-
						it Letter
	55					line and
Township	21.5		6 <u>CAST</u>		Section	DONA ANA
I OWNSHID ===	1 N. Septiment Street		nange	<u> </u>	County	

FORMATIONS PENETHATED BY WELL

		74 - FO # 77	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. Let belon et	
DEPT	н то	Thickness	i Drilled of	Recovery	DESCHIPTION
Top of Formation	Bottom of Formation		Cored	Recovery	
0	26	2.6	t i		SAND, GRAVEL, BOULDERS
26	170	144			GRAY TO PURPLE SHALE
170	300.	130			SAND, GRAVEL, BOULDERS GRAY TO PURPLE SHALE PURPLE RHYOLITE
•			,		

	Attach Additional Sheets it Necessary
	the contract of the second of
the Contraction	<u> </u>
1	The state of the s

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

#### CERTIFICATION

8 4 4 6 6 6 8

t hereby certify that the information given above and the date and material attached horato are true and complete to the best of my knowledge and heliof.

Signed_	Jum_	Moore	Position Mart	Men. Date	12-16-97
- 0 -			Laght St. 1		

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

### OIL CONSERVATION DIVISION P. O. BOX 2088

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

GEOTHERMAL RESOURCES WELL SUMMARY REPORT.

Com	menced drilli	118 9-	29 -	97				GEOLOG	A ANA		DEPTH	The Control of Control
	pleted drillin					<del></del>		·			····	
Tota Junk	Non.	IE	Plos	ged depth					·			
				. !	11 11							
Com	menced prod	ucing	(Date)					Geologic	age at total depth			·
	Sta	tic test					Pro	duction Te	st Data			
10	<u> </u>	well head	1				ow Data			Separator		<del></del>
	Temp. *F	Pres. Ps	18 1	filed.	Temp. •F	Pres. Ps		Orifice	Water cuff/Hr	Steam Lbs/lie	Pres. Psig.	Temp. 'F
						12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			-,			
	<u></u>								<u> </u>	<u> </u>		L
-: e	Size	Weight	Grade	New	Seam	· Constitution in	RECORD (Pres	Top	Number	Тор	Cem	ent Top
ė	of Casing	of Csg/ft.	of Casing	OI Used	Lapw		of Shoe	of Casing	of Sacks Cement	of Cement	Deter	mined By
"		36.87	-	NEW			NONE		24	SURFACE	VISU	ALLY.
	12"	F.6		NEW			CAPPED	-			_	
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		· <u>· · · · · · · · · · · · · · · · · · </u>							<del></del>	<del> </del>		
W,3 5				Mectric	it log depthi	·		• • • • • • • • • • • • • • • • • • • •	Temperature log	depths		<del></del>
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		( )	ra Wi	loon		•	Position M	~ 1 * la	yı:	10.15	<u>^</u> _	

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

GEOTHERMAL RESOURCES WELL HISTORY

									account of all adonment with	
there detail	of. Be sure s, sidetrack	to include such ed junk, bailing	tests, shoo	ole size, forma	ition test det:	alls, amoúnts	of cement u	sed, toy and bot	ttom of plugs, p tional sheets if n	derfora
9-98	Comm	reneed.	pruur		· · · · · · · · · · · · · · · · · · ·					
97 6	Compl	leted Dr	illing	.18	8 Weill	300 '	deep;	no She	L- 24	lcu
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CERTIFICA	ŤION	- 4-		*	**,					

Form G-108 Adopted 10-1-74 Revised 10-1-78

#### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE ox 20 Radium Spring N.M 88054 Masson Reservoir

Radium Springs KGRA

Report actual production (NOT SALES). Use Form G-109 for water injection wells. Lease Name NOTE: Minerals Method If well Total Dry No. Flow Flow of Water produced not on mass steam days temp. pres. Prod well Well Unit produced (type and production, produced produced (°F) (psig) (Lbs x 106) prod Sec. Twp. Rge (Lbs x 106) (acre-feet) tons) (F. or P.) Ltr. state reason 10215 Back UP 33 10 215 34 194 P meter still out. Inactive 23 26 Masson Farms of New Mexico, Inc. 30 38 2100 C.R. D061 P.O. Box 20 Radium Springs, N.M. 88054 TOTALS

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

hard tierce
(Signature)

MAINTRNANCE (Tille)

6-12-03

Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505

Form G-108 Adopted 10-1-74 Revised 10-1-78

### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE 4-3-03 Operator Alex R. Masson Address Dox 20 Radium Springs N.M Reservoir Rad Um Springs NOTE: Report actual production (NOT SALES). Use Form G-109 for water injection wells If well Minerals Method Total Dry No. Flow Flow Water produced of not on steam mass days temp. pres. Prod Well Unit produced (type and well production. produced produced (°F) . . (psig) (Lbs x 106) (F. or P.) prod Sec. Twp. Rge (Lbs x 106) (acre-feet) tons) state reason No. Ltr. 10 215 BECK UP. 33 34 215 10 197 Inactive JJ 23 26 28 30 31

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

whard frence

(Signature)

Masson Farms of New Mexico, Inc. (Title)

2100 C.R. D061

P.O. Box 20 Radium Springs, N.M. 88054 4-4-03

(Date)

Oil Conservation Div. 2040 Pacheco St. Santa Fe, NM 87505

Form G-108 Adopted 10-1-74

### MONTHLY GEOTHERMAL PRODUCTION REPORT

SUBMIT IN DUPLICATE Month 19/02 - 8/14/00 Operator Alex R. Masson Aridress 20 Rad um Springs Nim 88054 Reservoir Radium Springs KGRH County Dong Ang Masson Report actual production (NOT SALES). Use Form G-109 for water injection wells. Method Minerals If well Total Dry No. Flow Flow of Water produced not on mass steam days temp. pres. (type and Prod well Unit produced production. Well produced produced (°F) (psig) Rge (Lbs x 106) (Lbs x 106) (acre-feet) (F. or P.) prod Ltr. Sec. Twp. tons) state reason No 70 215 32 IU 159 Backup 215 IU 33 Back Up. 34 10 DISTU Inditiule 2) Production meter is still out of 93 26 28 Selvice 30 31

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

Masson Farms of New Mexico, Inc. Scapu. S-14-55 2100 C.R. D061

P.O. Box 20 Radium Springs, N.M. 88054

# OH CONSERVATION DIVISION F. O. BOX 2018 SANTA FE NEW MEXICO 87101

Form 6-101 Adopted; 10-1-14

Temp Observations (Show whether DF, RT, erc.)  Temp Observation  Temp Observation  Temp Observation  Temp Observation  Injection/O  Temp Observation  Injection/O  Temp Observation  Injection/O  Inject		I, 57/	Indicate Type of Lease  ATE  FEE  State Lease No.
APPLICATION FOR PERMIT TO D  N.M. B.M.  U.S.G.S.  Operator  Land Office  1a. Type of Work  Drill  B. Type of Well  Geothermal Producer  Low-Temp Thermal  1. Name of Operator  A. Location of Well  UNIT LETTER  AND 1852,   FEET FROM THE  LINE OF SEC.   D. TWP. 21.5  R. Propos  3. Address of Operator  AND 1852,   FEET FROM THE  LINE OF SEC.   D. TWP. 21.5  R. Propos  3. Address of Operator  AND 1852,   FEET FROM THE  LINE OF SEC.   D. TWP. 21.5  R. Propos  3. Operator  1. Name of Operator  AND 1852,   FEET FROM THE  LINE OF SEC.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  R. Propos  3. Operator  1. Line Of Sec.   D. TWP. 21.5  2. Line Of Sec.   D. TWP. 21.5  3. Operator  1. Line Of Sec.   D. TWP. 21.5  3. D. Prilling No. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  3. D. Prilling No. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line Of Sec.   D. TWP. 21.5  4. Line	SOURCES WE	I, 57/	TE FEE
OF PLUG BACKGEOTHERMAL RE U.S.G.S.  Operator  Land Office  1a. Type of Work  Drill  B. Type of Well  Geothermal Producer  Low-Temp Thermal  1. Name of Operator  ALEX R. MASSON, INC  1. Address of Operator  DRAWER  LINWOOD  KANSAS  4. Location of Well  UNIT LETTER  LOCATED 16.98 FEET PROM THE  AND 1852,   FEET FROM THE  LINE OF SEC.   D. TWP. 21.5  R.  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)	SOURCES WE	i 5.0	
U.S.G.S.  Operator  Land Office  1a. Type of Work  Drill  Deepen  Temp Obsite  Low-Temp Thermal  Injection/O  2. Name of Operator  ALEX R. MASSON, INC  3. Address of Operator  DRAWER  LININGO KANSAS  4. Location of Well  UNIT LETTER  LOCATED  LOCATED  16.98  FEET FROM THE  LINE OF SEC. 10 TWP. 21.5  ROCATED  19. Propos  30.  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)			CALLALIA LA LA LA LA LA LA LA LA LA LA LA LA LA
Deepen De	ı Back 🗀		
Land Office  1a. Type of Work  Drill  B. Type of Well  Geothermal Producer  Low-Temp Thermal  Injection/D  2. Name of Operator  ALEX R. MASSON, INC  3. Address of Operator  DRAWER  LINWOOD  KANSAS  4. Location of Well  Unit Letter  Located  16.98 FEET FROM THE  AND 1852, 11 FEET FROM THE  Line Of SEC. 10 TWP. 215  R. 19. Propos  30  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)  21. Elevations (Show whether DF, RT, etc.)	ı 8ack □		
Low-Temp Thermal   Temp Observed   Temp Observed   Low-Temp Thermal   Injection/D  7. Name of Operator   ALEX R. MASSON, INC  3. Address of Operator   DRAWER   F. LINWOOD   KANSAS  4. Location of Well   Unit Letter   Located   16.98 FEST PROM THE    AND 1852, I   FEET FROM THE   LINE OF SEC.   D. TWP. 21 S. R. R. R. R. R. R. R. R. R. R. R. R. R.	Back 🗆		
Low-Temp Thermal Injection/O  2. Name of Operator ALEX R. MASSON, INC  3. Address of Operator DRAWER F LINWOOD KANSAS  4. Location of Well Unit Letter Located 16.98 FEET PROM THE  AND 1852, I FEET FROM THE E LINE OF SEC. 10 TWP. 21 S. R.  21. Elevations (Show whether DF, RT, etc.) 21 A. Kind & Status Plug. Bond 21 B. Drilling 4055		/. 0	Init Agreement Name N/\(\D\)
Low-Temp Thermal Injection/O  2. Name of Operator ALEX R. MASSON, INC  3. Address of Operator DRAWER F LINWOOD KANSAS  4. Location of Well Unit Letter Located 16.98 FEET PROM THE  AND 1852, I FEET FROM THE E LINE OF SEC. 10 TWP. 21 S. R.  21. Elevations (Show whether DF, RT, etc.) 21 A. Kind & Status Plug. Bond 21 B. Drilling 4055	vation 🔲	) A F	arm or Lease Name
ALEX K. MASSON, INC  1. Address of Operator DRAWER F LINWOOD KANSAS  4. Location of Well Unit Letter Located 16.98 FEET FROM THE  AND 1852, 11 FEET FROM THE E LINE OF SEC. 10 TWP. 21 S R.  21. Elevations (Show whether DF, RT, etc.) 21 A. Kind & Status Plug, Bond 21 B. Drilling 4055			MASSON
AND 1852. IT FEET FROM THE ELINE OF SEC. 10 TWP. 215 R. Proposed 30.  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling K, D;		9. W	ell No. 33
AND 1852. IT FEET FROM THE ELINE OF SEC. 10 TWP. 215 R. Proposed 30.  21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilling K, D;		10.	field and Pool, or Wildest
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli, 4055		I K	ADIUM SPGSIKG
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli K, O;	N	_LINE	
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli 4055	E. 1W	NMPM	
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli K, D;			
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli K, D;		/////// Do	NA ANA
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli K, D;		00	NA ANA
21. Elevations (Show whether DF, RT, etc.) 21A. Kind & Status Plug. Bond 21B. Drilli 4055		00	NA ANA
4055   K,0;	d Depth	PA. Furmation	THE COME OF
PROPOSED CASING AND CEMEN			20. Rotary or C.T. ROTARY
		9A. Furmation	26. Rotary or C.T. ROTARY Approx. Date Work will start
SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETT	Contractor UEY CO	9A. Furmation	PA AND  20. Rotary or C.T.  ROTARY
	Contractor UEY CO	PA. Furmation	20. Rotary or C.T.  ROTARY  Approx. Date Work will start  0-3-97
	Contractor CO	9A. Furmation	20. Rotary or C.T.  ROTARY  Approx. Date Work will start  D-3-97  ENT EST. TOP
	PROGRAM :	SACKS OF CEM	20. Rotary or C.T. ROTARY Approx. Date Work will start 0-3-97
	PROGRAM :	SACKS OF CEM	20. Rotary or C.T.  ROTARY  Approx. Date Work will start  D-3-97  ENT EST. TOP

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposes is the deepen of plug back, give data on present productive zone and proposed new productive one. Give blowout preventer program, if any.

hereby certify that the information above is true and complete to the best of my knowledge and better.

Igned Bu A Filsquard Title ((1)5 97 Opensor Dure 1 1 1 8 97

This space for Sinte Var)

Approved by Ty Character Title DISTRICT SUPERVISOR DATE 12/29/97

CONDITIONS OF APPROVED IN ANY.

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

### GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances	must be from t		<u>undaries of the</u>	Section.		
perator			Le	ose				Well no.
ALEX R. MAS		Township		Range	<del></del>	County		33
Terrer 12ect		1 '	OUTU		WEST			
tual Footage Location of	10 Well:	21 S	DOTH		WEST	DUNA	A ANA	
	eet from the	NORTH	line and 18	352.11	feet from the	EAST	line	
ound Level Elevation	Producing Form			Pool				Dedicated Acreage:
4055				R/	ADIUM SPRIN	IGS		10Acre
1. Outline the acre	eage dedicated	d to the sub	ject well by	colored p	encil or hac	hure marks	on the plat	below.
<ol><li>If more than o and royalty).</li></ol>	ne lease is d	edicated to f	the well, outli	ine each	and identify	the owners	nip thereof (I	both as to working interes
communitization			•	cated to	the well, ha	ve the inter	ests of all o	wners been consolidated by
Yes	No If a	nswer is "ye	s," type of c	onsolidati	on			
If answer is "no," I	st the owners	and tract	descriptions v	which have	e actually be	en consolid	ated. (use i	reverse side of form if
necessary.)								
No allowable will be	•							
forced-pooling, or	otherwise) or	until a non-	standard uni	t, eliminat	ing such int	erests, has	been approv	ed by the Division.
							1	
				16.98*	uscia	DDACC CAD	CER	TIFICATION
<b>.</b>			· · · · · · · · · · · · · · · · · · ·	10.90		. BRASS CAP CORNER		
U.S.G.L.O. BRASS CAP SECTION CORNER	U.S.G QUAR	L.O. BRASS CAP			1852.11	Ť	I homber on	etify that the information
	1	1	WELL. #33	NE 1/4/ NW 1/4				rtify that the information verein is true and complete to
	ĺ			NE 1/4//				my knowledge and belief.
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	1			1			Name	
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	ļ			1		-		rtify that the well location his plat was plotted from fiel
	1			ľ				tual surveys made by me of
	i			į			under my	supervision, and that the sam
				!				correct to the best of my
İ	1						knowledge o	ind beisef.
•	1				CAN.	****		
L				المجر	SAAC CAM	4Cxx		
				#	WEN HEXIC		Date Surveyed	
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	1			<b>3</b>	9254	)		MBER 10, 1997
				12	3234	/   <u>&amp;  </u>	Registered Prof	essional Engineer
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	1	}		13	30	/ 3/	1 . /	$\mathcal{O}$ ,
				٦	9254 PROFESSIONAL	AHU	1 sal	e Camacho
				1	-0010440		Certificate No.	
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0 330 000 990	1020 1000 I	200 Z310 Z62	to 2000	1500	1000	000	1	PS NO 9254

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

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

		All distances n	nust be from the		<u>undaries of the</u>	Section.		
perator			Leas	ie				Well no.
	MASON, INC.	Township		10		County		33
nit Letter	Section	1 '		Range	WEST	,		
tuai Footage Locatio	10	21 SC	UIH	11	WEST	DONA	ANA	
16.98	feet from the	NORTH	line and 185	2 11	feet from the	EAST	line	
ound Level Elevation				001	reet from the			Pedicated Acreage:
4055					ADIUM SPRIN	ics		10Acres
+000		<del></del>		11/	ADIOWI SI KIII	103	<u></u>	Acres
1. Outline the	acreage dedicated	to the subj	ect well by co	olored p	encil or hac	hure marks	on the plat l	below.
2. If more that and royalty)		dicated to th	ne well, outline	e each	and identify	the ownersh	ip thereof (b	oth as to working interest
	n one lease of di tion, unitization, fo		•	ited to	the well, ha	ve the intere	ests of all ow	vners been consolidated by
Yes	No If ar	nswer is "yes	," type of cor	nsolidatio	on			
If answer is "no necessary.)	o," list the owners	and tract d	escriptions wh	ich have	e actually be	een consolid	ated. (use re	everse side of form if
No allowable wil	I be assigned to t	the well until	all interests	have be	en consolida	ited (by con	nmunitization,	unitization,
forced-pooling,	or otherwise) or t	until a non—:	standard unit,	eliminat	ting such int	erests, has	been approve	ed by the Division.
<b>A</b>		<b>^</b>	16.	98'		. BRASS CAP CORNER	CER	TIFICATION
U.S.G.L.O. BRASS CAP SECTION CORNER	U.S.G.I QUARTI	LO. BRASS CAP ER CORNER	WELL #33	NE 1/4	1852,11'			tify that the information erein is true and complete to
	İ			VE 1/4				my knowledge and belief.
	1		<u> </u>				Oim	Marcie
							Name / I	+ 1/4
<b> </b>					<del>_</del>		Position	14 A
	i			Ì			Company	Masson, du
	1						12-16-	97
							Date	
	   				   		shown on the notes of acti under my s	tify that the well location vis plat was plotted from field val surveys made by me of upervision, and that the same correct to the best of my nd belief.
					SANC CAM	ACH		
					WE'N HEY	1 /	Date Surveyed	MBER 10, 1997
				HEGISTER!	9254 PROFESSIONAL	S. S. S. S. S. S. S. S. S. S. S. S. S. S	1	essional Engineer urveyor
					POFESSIONAL	LAHU	Certificate No.	e Campelio
0 330 660	990 1320 1650 19	80 2310 264	0 2000	1500	1000	500 0	NMP	P.S. NO. 9254

	RICO OIL CONSERVATION COMMISSION P. O. Box 2088, Santa Fe 87501	
File		
5, M, 2, M. SUN	DRY NOTICES AND REPORTS	
<u>5. € G. S</u>	ON	State
Coerator GEO	THERMAL RESOURCES WELLS	5.4 State Lease No.
Do Not Use This Form for Proposals to Drill or to Deepen or For Permit —" (Form G-101) for Such Proposals.)	Plug Back to a Different Reservoir. Use "Application	
re#1	o. Observátion	7. Unit Agreement Name
2. Name of Operator	tion/Disposal :	8. Farm or Lease Name
Alex. R. Masson, Inc		MASSON
3. Address of Operator  Drawer F, Linwood K	(5 66052	9. Well No. 33
		10. Field and Pool, or Wildcat
Unit LetterFeet From	The NORTH Line and 1854. Feet From	Radium Springs
The EAST Line, Section To	winship 215 Range 1W NMPN	
	on (Show whether DF, RT, GR, etc.)	12. County
		Done Ana
10. Check Appropriate Box	To Indicate Nature of Notice, Report or Other D	)ata
NOTICE OF INTENTION TO:	1	ENT REPORT OF:
PEPFORM REMEDIAL WORK		ALTERING CASING
PULL OR ALTER CASING CHANGE PLANS	COMMENCE DRILLING OPNS.  CASING TEST AND CEMENT JO	PLUG & ABANDONMENT
		<del>-</del>
· · · · · · · · · · · · · · · · · · ·	OTHER	
CTHER		
17. Describe Proposed or completed Operations (Clearly sta	ste all pertinent details, and give pertinenet dates, inc	cluding estimated date of starting any
Dames Starten 10-29-	7 a 1 constite a 10-9-97	Parton C-Hamil
many special or 10-3-11	7 and complete on 10-9-97	A C
well drilled to 300 feet ar	I cosed with 12" fibriglass to	the bottom, The
	n	
postorial approve	200' to 300' and the Gould	6 lo Hc turbins
plemy is set at 240 w	th 6" × 10' column supe	below The Nums
making the intake level	250	as pang
^	·	9
projected gpm to be	350 to 450	
	•	
13. I hereby certify that the information above is true and co	moleta to the heat of my boundary and the	
$\sim$ . $\sim$	the best of my knowledge and belief.	
SIGNED Jum Mobile	TITLE Maint Mgs.	DATE 12-16-97
+		
To S I Strange	DISTRICT SUPERVISOR	12/29/97
CONDITIONS OF APPROVAL IF ANY	DISTRICT_SUPERVISOR	DATE 12/29/97

#### OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FEI 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 OPERÀ	TOR ALON Z	MASSON :	Inc.	,	
Address	DRAWEL.	F Line	wood 1K5	66052	
TYPE OF WELL Geothermal Produces REASON FOR FILIS New Well [X] Change in Ownership Other (Please Explain	NG Recompletion [	] on of Purchaser [	ature Thermal [	<del>y</del>	Injection/Disposal [ ]
DESCRIPTION OF V Lease Name ————————————————————————————————————		Well 3 NoLease Numb		Name of Reservoir	iam Spainss
LOCATION Unit Letter 1852			rom the EA		line and
	Township	215	Range	<u>lw</u>	
TYPE OF PRODUCT Dry Steam		Steam and Water		Low Temp Thermal Wate	-r
DESIGNATION OF I	PURCHASER OF PI		<i>ـ</i> ر		
Address of	REEN HOUSE	LINWO	od Ks.	66052	
	t all rules and regul Oil Conservation	Division of New	Mexico, have be	en complied with	State of New Mexico, a , with respect to the wledge and belief.

Top of Formation

0

36

170

# OIL CONSERVATION DIVISION STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT. SANTA FE, NEW MEXICO 87501

Address Reservoir Lease Hame	Padium	16.98	£5	_Well No. 3	3Unit Letter
Location:	352.il		the EAST	the North	Section 10
Township	215	3	Range		County DONA: AN
·	PARTIES AND AND AND AND AND AND AND AND AND AND	FORMAT	IONS PENETHA	TED BY WELL	
H TO  Bottom of Formation	Thickness	Drilled of Cored	Recovery		DESCHIPTION
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		Attach Ac	dditional Sheet	s if Necessary	
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			ogs, directional su	rveys, physical of th	nemical logs, writer analyses, tests,
l temperatura surve	An doca signe 500		•		
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		Section 1995		• •	
ereby certify that to knowledge and hel		vên abovê and tî	he sale and mate	ial ättäched heräto	are true and complete to the best o
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### OIL CONSERVATION DIVISION

P. O. BOX 2086

### SANTA FE, NEW MEXICO 87501

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

GEOTHERMAL RESOURCES WELL SUMMARY REPORT.

		ALEX_			<b>J</b>		Addı Wali	ess DRA	WER F	Linwood	o Ks.	66052
					10 -		Tarin	21 C	n-	·IW	. 🔾 .	-
Rec	ervoir R	A DIUW	SPA	SINGS	5		Cour	TV DONA	ANA .	4		<del></del>
Com	menced dri	lling C	)-3-	97			Poc.		GICAL MARKERS		DEPTH	
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Tota		3001	Plug	ged depth	<del></del>		<u> </u>		<u></u>			
Junk	17	ONE	<del> </del>		; !· .	6513 3	<del></del>					
					11		<u> </u>					
Com	menced pr	oducing						Geologic	age at total depth	:		
			(Date)	) .				*******				
	St	atic test	·	. 3.4		·	Pr	oduction Te	ot Data	-	· · · · · · · · · · · · · · · · · · ·	
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ze	Size of	Weight of	Grade of	New,	Seam Of	r	Depth of	Top of	Number of Sacks	Top		ent Top mined By
84	Casing	36.87	Casing	NEW	Lapw		Shoe	Casing	Cement .	Cement		
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						4						

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

GEOTHERMAL RESOURCES WELL HISTORY

Operator =	9	MASSO N			Address 1 Well No	PRAWE	· · · · · · · · · · · · · · · · · · ·	LINWOOD	KS 66
Unit Letter	RADIUM					DONA	ANA	·	
op the	It is of the gree erations during the ercof. Be sure to	eatest importance dilling and i	e to have	he well or d	distory of the uring re-drilling ne-drilling ne-drilling	well. Use the	f casing, pluggi cement used, to	out a full account ng, or abandonmen 19 and bottom of tuch additional sh	ot with the di plugs, perforat
3-97	Com	renced	Dri	lling	٠.			·	
9-97	Compl		ullin						
	<b>V</b>	Casi	ا 12	" F. C	188	r Wall	300'	deep, No	. Shoe
	· · · · · · · · · · · · · · · · · · ·	24 cu.	St co	ment	, pum	þ			
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CERTIFIC		rmation given al	nove and th	ié data and m	 Iterial attached	hereto are t	rue and comple	te to the best of n	ıy knowled <u>i</u> :
and belief.	1. M.	and the same			k	~. · /	- <b>-</b>		16-97

## OH CONSERVATION DIVISION P. O. SOK 2018 SANTA FE, NEW MEXICO 87101

Form 6-101 Adupted: 10-1-74 Revised 10-1-78

		•	OAMEA 1 2, 1121				
NO. OF COPIES RECEIVED							<b></b> .
DISTRIBUTION .				•		S. Indicate	Type of Lease
File		APPI	ICATION FOR PER	MIT TO DRILL, DEI	PEN.	STATE []	FEE
N.M.B.M.				RMAL RESOURCE	-	S.a State La	
U S.G.S.							
Operator	1						
Land Office	J						
14. Type of Work Drill D	3		Deepen 🗆	Plug Back		7. Unit Age	ement Name
Gaathan	nal Produc	er DKQ		Temp Observation	_		
or the many					<u> </u>	8. Farm or t	
Low-Ten	np Thermal	~~~~~~	· · · · · · · · · · ·	njection/Disposal		MASS	SON
		1550A	J, INC			9. Well No.	34
3. Address of Operator DRAW	JER F	=	LINWOOD K	(ANSAS			M SPGS 1 KG
					,	777777	TITITITITI
4. Location of Well UNIT LET	TEA	LOCA	160 36.12 FEET	FROM THE NORT	LINE		
11 27 11	E		1/7 6	10 11.1.			
AND 1632.04 FEET FROM	THE C.	LINE OF	PEC IN TWO S	15 HOE W	Mam	12. County _	71/////////////////////////////////////
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	77,77,77				HHHHK	(1244144	44////////
		777777	Militi	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	MININ		
				19. Proposed Depth	19A. Formatio	n	20. Rotary or C.T.
	///////	777777				<b></b>	ROTARY
21. Elevations (Show whether DF, 3999	RT, etc.j	21A. Kin	d & Status Plug. Hond	21 B. Drilling Contract K, D. HUEY	CO .	22. Approx	. Date Work will start
		1	PROPOSED CASING A	NO CEMENT PROGRA	M		
•			_ <sub>_</sub>				••••••
SIZE OF HOLE	SIZE OF C	ASING	WEIGHT PER FOOT	SETTING DEPTI	SACKS OF	CEMENT !	EST. TOP
SIZE OF HOLE	SIZE OF C	ASING	19,64	SETTING DEPTI	SACKS OF	CEMENT	EST. TOP
	SIZE OF O	ASING	WEIGHT PER FOOT	SETTING DEPTI	1 SACKS OF	CEMENT	EST. TOP

hereby certify that the information above is true and complete to the best of my knowledge and belief.	N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: one. Give blowout preventer program, if any,	If proposal is to deepen or plug back, give data on present	productive zone and proposed new productive
R. Allery Opposator	hereby certify that the information above is true and co	mplete to the best of my knowledge and belief.	•
igned Dan 1113	igned Bun A Il screet	THE Operator	- an 11/15/97
THE SPEROVED BY TY STEEL DISTRICT SUPERVISOR DATE 12/29/97	+ 50 lole	DISTRICT SUPERVISOR	DATE 12/29/97

OIL CONSERVATION DIVISION P.O. BOX 2088 SANTE FE, NEW MEXICO 87501 Form G-102 Adopted 10-1-74 Revised 10-1-78

		All distances	must be from the		oundaries of the	Section.		W. C.
perator	MCON INO		Lea	se				Well no.
	MASON, INC.	Township		Range		County		34
	10	21 S	DUTH	1	WEST	DON	A ANA	
ctual Footage Location			···			•		
36.12	feet from the				_feet from the	EAST	line	
ound Level Elevation	Producing Form	nation	ľ	001				Dedicated Acreage:
3999				R	ADIUM SPRIN	1GS		10Acr
1. Outline the	acreage dedicated	i to the sub	ject well by c	olored p	pencil or hac	hure marks	on the pla	t below.
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	n one lease of di tion, unitization, f			ated to	the well, ha	ve the inter	ests of all	owners been consolidated t
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If answer is "no	," list the owners	and tract o	descriptions wh	nich hav	re actually be	en consolid	ated. (use	reverse side of form if
necessary.)						.,,		
	be assigned to							
forced-pooling,	or otherwise) or	until a non—	standard unit,	elimino	ating such int	erests, has	been appro	ived by the Division.
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				36.12*	U.S.G.I	O. BRASS CAP	CE	RTIFICATION
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STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
P.O. BOX 2088
SANTE FE, NEW MEXICO 87501

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

		A	III distance:	s must be from		oundaries of the	Section.		
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P.O. BOX 2088
SANTE FE, NEW MEXICO 87501

Adopted 10-1-Revised 10-1-;

		Ali distances n	nust be from the	outer boundaries of	the Section.		
perator			Leas	e		- <del> </del>	Well no.
	MASON, INC.	Nownship		Range	County		34
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36.12	feet from the	NORTH	line and 163	2.04 feet from th	e EAST	line	
round Level Elevation	Producing For	mation	Po			l	Dedicated Acreage:
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1. Outline the	acreage dedicate	ed to the subj	ect well by co	olored pencil or h	achure marks	on the plat	below.
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For Parms — (Form 5-191) for Such Proposeds:    Tree of well   Genthermal Produces   Temp. Observation					mmi	
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Alex. R. Masson, Inc.  Alex. R. Masson, Inc.  Address of Operator  Alex. R. Masson, Inc.  Address of Operator  Drawer F. Linwood KS 66052  Lineston of Well  Signification of Well  Sig	: Type of well Geothern	nal Producer	Temp. Observation		7. Unit Agreen	nent Name
Address of Operator  Drawer F, Linused KS 66052  4. Linestin of Well  36.12 Feet From The NORTH Line and 1632.04 Feet From Reduce Springs  The EAST Line, Section 10 Township 21 South Range 1 WEST AMPM.  15. Elevation (Show whether DF, RI, CR, etc.)  16. NOTICE OF INTENTION TO:  79.99  Check Appropriate Box To Indicate Nature of Notice, Report of Other Data  NOTICE OF INTENTION TO:  79.00  NOTICE OF INTENTION TO:  79.00  REMEDIAL WORK  71.00  71.0	Low-Tem	p Thermal 💹	Injection/Disposal		N/A	<b>\</b>
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Drawer F Linwood KS 66052  1. Location of Well 36.12 Feet From The NORTH Line and 1632.04 Feet From Reduct Spring's Reduct Spring's Reduct Spring's The EAST Line, Section 10 Township 21 South Range 1 West Jumph 12. Gounty 3999 GR  Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:  PEPPORM REMEDIAL WORK   PLUG AND ABANDON   REMEDIAL WORK   ALTERING CASING COMMENCE DRILLING OPPS. CASING TEST AND CEMENT JOB OTHER  CTHER   OTHER CASING   CHANGE PLANS   CASING TEST AND CEMENT JOB OTHER    12. Therific Proposed or completed Operations (Clearly state all pertinent details, and give pertinent date, including estimated date of stating and proposed work. SEE RULE 103.  Or alling stand on 10-9-97 and complete on 10-14-97 878' Casany to 5', depth of lele 3000 fast. Tast hale only 10 farther work done on this lede.  1 boreby certify that the information above is true and complete to the best of my knowledge and belief stands for the life March May DATE 12-16-97		. R. Masson	Inc			N
JOHER PROPOSED BY  1. Direction of Well Soll Prest From The NORTH Line and (32.04 Feet From Reduce Springs)  10. The EAST Line, Section 10. Township 21 South Range 1 West Ampth Reduce Springs 12. Country 3999 GR Direction (Show whether DF, RT, GR, etc.)  12. Country 3999 GR Direction 12. Country 3999 GR Direction (Show whether DF, RT, GR, etc.)  13. Elevation (Show whether DF, RT, GR, etc.)  14. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data Subsequent Report of Subsequent Report of Subsequent Report of Country Subsequent Report of Subsequent Report of Subsequent Report of Remedial work Commence Direction of Altering Comment Commence Direction of Commence Direction of Commence Direction of Commence Direction of Subsequent Report			I We as		9. Well No.	? <i>Ц</i>
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SIGNED Jim Moore TITLE Man'T My DATE 12.16-97  TITLE DISTRICT SUPERVISOR DATE	, 4. I hereby certify that the inf	ormation above is tru	se and complete to the	best of my knowledge and belief.		
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## STATE OF NEW MEXICO

#### OIL CONSERVATION DIVISION

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

	·	<u> 66052</u>
Name DRAWE,	L F LINWOOD K	25 6603 2
TYPE OF WELL Geothermal Producer [ ]	Low-Temperature Therms	al [space   Injection/Disposal [ ]
REASON FOR FILING  New Well [X] Recompletion  Change in Ownership [ ] Design  Other (Please Explain) [ ]	ation of Purchaser [ ]	,
DESCRIPTION OF WELL Lease Name	Well 34 No.	Name of Radina Skings
Kind of Lease (Fee, Fed. or State)	Lease Number	
1632	DI C ON	
TYPE OF PRODUCT Dry Steam	Steam and Water	Low Temp.  Thermal Water
	MASSON INC	
	F LINWOOD KS. HOUSE HEATING	. 66052
CERTIFICATE OF COMPLIANCE	•	

DISTRICT SUPERVISOR

## OIL CONSERVATION DIVISION SANTA FE NEW MEXICO 87501

#### Form 0-105 Adopted 10-1-74 Revised 10-1-74

#### GEÖTHERMAL RESOURCES WELL LOG

 Operator	ALEXIZ MASS	on Inc		
Address	DRAWK F	LIN Wood Kis	66052	
Reservoir	RAdium Spri			
Lease Manià.		Well No	oUnit	Letter
Location:	All the second second	leet from the		line and
		n thờ 🌃 🔭 💮 🐪	line Section	
Township	A Strain into	Aange		

#### FORMATIONS PENETHATED BY WEL

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DEPT	н то	Thickness **	Drilled or	- Militaria	
Top of Formation	Bottom of Formation	19-18-18-18-18-18-18-18-18-18-18-18-18-18-	Cored	Recovery	DESCRIPTION
0	25	25			PURPLE-SHALE
25	190	165			GRAY TO PURPLE SHALE .
190	208	18			YELLOW RHYOLITE.
208	212	4			PURPLE RHYOLITE
212	225	13			RED TO PURPLE RHYOLITE
225	300	75	r: 3- 11		PURPLE TO GRAY RHYOLITE
:					
		A way			,

Attach Additional Shirets if Necessary

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

#### CERTIFICATION

I hereby certify that the Information given above and the data and material attached herato are true and complete to the best of my knowledge and helief, 17.7% is

Signed Jim Moore Position Mount My, Date 12-16-97

## OIL CONSERVATION DIVISION

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

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

GEOTHERMAL RESOURCES WELL SUMMARY REPORT.

Com; Com; Total	nenced drilling depth	10- 10- 300'	-9 - 9 - 14 	7 97 ged depth		A STATE OF THE STA		GEOLOG	A. ANA  IICAL MÁRKERS  agé at total depih		DEPTH	
	Sta	tic test	- ( )				Pro	duction Te	st Data			
( <b>e</b>	Shut-In	well head	,   <u> </u>		Total	Mass Flo	w Data			Separato	or Data	
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		\ <u> </u>		· [	41 7	K Spile one					-	
					C	ASING R	ECORD (Pres	ent Hole)		***************************************	<i>J.,,</i> ———————	
le le	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seam or Lapw	léss	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement		ient Top rmined By
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						196 . j.						
Was a		IFICATIO		informati	11	14 m	ę.		Temperature log		emplete to s	the

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

Form 6-107 Adopted 10-1-74 Revised 10-1-78

Operator a	ALEX	R. MAS	20 N	<u> 49 115 11</u>	Address Well No.	2:1	K F	١١٢	v w a o t	, Ks	660
Lease Nam Unit Lette		Sec	. 10	7	_Well No.		Roe	i w	ν		
		M SPRING		·	County	Ν	ANA	· · · · · · · · · · · · · · · · · · ·			
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op th	erations duri ercof, Be sur	ng thể đilling ànd e to include such li	ma as hole a	te, formation	ng re-drii test detai	ling, altering Is, amounts o	f cement use	igging, or i, top and	abandonm bottom of	ent with in plugs, perf	e gati oratio
_	etalls, sidetrac	ked junk, bailing te	its, shouting,	and initial pri	oduction d	ats and zone	temperature.	(Attach t	idditional s	heets if nec	23 <b>501</b>
Date	C	0.	N Sans	•							
9-97	icom	menced	Druce		•			^		Λ .	
-14-97	Comme	pleted Dr	.00	<b>§</b> 5/	le" ca	sing t	5 fe	- t	test	hole	OY
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CERTIFI	CATION										
		information given a	bove and the	data and mat	erial attach	od hereto are	trué and con	plete to	the best of	my knowle	di:
and belief,	-		<i>:</i> .								



Sumflower of the

JIM MOORE

ALEX R. MASSON, INC.
P.O. Box 20
Radium Springs, NM 88054

MAINTENANCE MANAGER

505-524-1791 FAX 505-526-1050

#### OII CONSERVATION DIVISION F. O. BOX 2018 SANTA SE NEW MEXICO 27101

Form 6-303 Adopted: 10-1-74 Revised 10-1-78

		•	MEXICO 87801		
NO. OF COPIES RECEIVED	3.4		•		Administration of the second
DISTRIBUTION .				S. Ind	leate Type of Lease
File	APPL	ICATION FOR PERM	IT TO DRILL, DEEPE	N. STATE	
N.M.B.M.	ORPL	JG BACKGEOTHER	MAL RESOURCES WE	LL S.a Stat	e Lease No.
U.S.G.S.			•	terre	CTTTTE CUTTURE
Operator	- <del> </del>				
Land Office	<u> </u>			2 11011	Agreement Name
ta. Type of Work Drill C	<b>X</b>	Deepen 🗀	Plug Back 🔲		VA
b. Type of Well Geather	mai Producer - 🚨	· To	imp Observation 🔲	<b></b>	or Lease Name
	np Thermal 🔲	ini	ection/Disposal 🛛 🖾	I MA	ASSON
2. Name of Operator				9. Well	No
ALEX	R. MASSON	I, INC			<i>\$</i> \$
3. Address of Operator DRAV					and Pool, or Wildest
DKAV	NER F	LINWOOD KA	INSAS	RAI	DIUM SPGS, KG
4. Location of Well UNIT LET	TERLOCA	160523,66 FEET P	ROM THE NORTH	LINE	
AND 2461.19 FEET FROM	THE W LINE OF	SEC. 10 TWP. 215	S. ROE.   W	NMPM (III)	
	THITTI	mmm	mmm	111111 12. Cou	000
				IIIIIA DONE	ANA IIII
			9. Proposed Depth 300	19A. Formation	20. Rotory or C.T.
	HHHHHHH			<del></del>	ROTARY
21. Elevations (Strow whether DF 3974	7. RT, etc.) 21A. Kini	1 & Status Plug. Bond   1	K, D. HUEY CO		oprox. Date Work will start -25-97
•	1	PROPOSED CASING AND	CEMENT PROGRÂM		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMEN	T EST TOP
171/24	1234"	25,22	40'	32	SURFACE
			1	1	
•	• •				

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal h to deepen as plug back, give data on present productive zone and proposed new productive one. Give blowout preventer program, if any.

hereby certify that the information above to true and complete to the basi of my knowledge and belief.

This space for State Use?

APPROVED BY

TYPE

DISTRICT SUPERVISOR

DATE 12/29/97

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

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

		All distances	s must be from		boundaries of th	e Section.		
perator			ĮL Į	.ease				Well no.
ALEX R. MA	ection	Township		.  Range	•	County		INJECTION WELL
25.15.		·	COLITU	1 -			A A N I A	
ctual Footage Location	10 of Well:		SOUTH		I WEST	DON	A ANA	·
523.66	feet from the	NORTH	line and 2	461.19	feet from the_	WEST	line	
round Level Elevation	Producing Form			Pool				Dedicated Acreage:
3974					RADIUM SPRI	NGS		10Acres
				1			····	
							·	below. both as to working interest
	on, unitization, f	orce-poolir						owners been consolidated by
necessary.)	list the owners	and tract	descriptions	which ha	ve actually b	een consolic	dated. (use	reverse side of form if  n, unitization, yed by the Division.
<u>, , , , , , , , , , , , , , , , , , , </u>		SCIO PRASS	CAR	· · · · · ·	uec	LO BRACE CAR	CER	TIFICATION
•	öi	S.G.L.O. BRASS (	<del>~</del>		SECTI	LO. BRASS CAP		
U.S.G.L.O. BRASS CAP SECTION CORNER		NE 1/4 (2) NE 1/4 (3) NW 1/4 (3)			•		contained	ertify that the information herein is true and complete to
24	61.19'	11/1/	1		1		the best of	my knowledge and belief.
	i	V////	4		1			
	INJECTIO	ON WELL			1			
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	· <del>-  </del>				-		Position	
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		·					shown on t notes of ac under my	ertify that the well location this plat was plotted from field tual surveys made by me of supervision, and that the same i correct to the best of my and belief.
	- <u> </u>				SMAC CAL	UCHO	Date Surveyed	
							NOVE Registered Proj	EMBER 14, 1997 fessional Engineer
	.			4	9254 Bay Anoresciona	TWO SIGNA	and/or Land S	Campe do
					- coxidian		Certificate No.	
0 330 660 990	0 1320 1650 19	80 2310 2	640 2000		1000	500 0	N.M.I	P.S. NO. 9254

DEC- 2-97 TOE 8:40.

### STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

## OII CONSERVATION DIVISION P. O. BOX 2018 SANTA FE, NEW MEXICO 87101

form 6-303 Adunted 10-1-14 Revised 10-1-18

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OISTRIBUTION .	1			•		cate Type of Lease
File				IIT TO DRILL, DEEPE		L FEE (V
N,M.B.M.	+	OR PLU	G BACKGEOTHEF	amal resources we	LL STATE	Lesse No.
U S.C.S.	+				7777	THITTINT
Land Office						
12. Type of Work Drill	23	C	Deepen 🔲	Plug Back 🔲	7. Unit	Agreement Name
b. Type of Well Geother	rmal Pro	oducer 🖸 🗀	T	emp Observation 🔲	a. Farm	or Lease Name
Low-Te	mp The	ermal 🖂	In	ection/Disposal 🖾	l MA	ISSON
2. Name of Operator ALEX	R.	MASSON	, INC	**************************************	9. Well h	<b>'25</b>
J. Address of Operator DRAL	WER	F	INWOOD KA	ANSAS	10. Field RAD	and Pool, or Wildear
4. Location of Well UNIT LET	TER_	LOCAT	66443.0 FEET P		LINE	
AND 2621-5 FEET FROM	Tue !	U INCOL	sec. 10 TWP. 21	S ROS. I W	MAMM MAMM	
minimini.	77111	TITITITI		TÜÜÜTÜÜ	12. Coun	"ONA !!!!!!!!
	7777)				MILL DON'T	ANA
	HH.			19. Proposed Depth	9A. Furmation	20. Rotary or C.T.
	11111			300	7A. Formanon	ROTARY
21. Elevations (Show whether Di 3984		rc.) 21A. Kind	& Status Plug. Hand	21 B. Drilling Contractor K, D, HUEY CO	22. Ap	prox. Date Work will start 25-97
*	y	P	ROPOSED CASING AN	D CEMENT PROGRAM		
SIZE OF HOLE	SIZE	OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
171/2"		1234"	25,22	40'	32	SURFACE
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N ABOVE SPACE DESCRIBE PR	OPOSET	PROGRAM: If	proposal is to deepen a	r plug back, give data on p	resent productive sone	and proposed new productive
hereby certify that the information	in above	te true and comp	lete to the best of my b	inowledge and belief.		1
med BL ATR	20u		THE Operat	ren	a 11	15 97
This space for 3	Charles 11-					
Seed of the seed o	Jahr	11	DISTRIC	T SUPERVISO	R	2/29/97
ONDITIONS OF APPROVAL,	ANVI		TITLE		OATE	- Lander Land
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P.O. BOX 2088

SANTE FE, NEW MEXICO 87501

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

N.M.P.S. NO. 9254

	All distances		outer boundaries of the	Section.	
perator ALEX R. MASSON, INC	•	Lease	-	<del></del>	Well no. INJECTION WELL
nit Letter Section	Township	SOUTH	Range 1 WEST	County DONA ANA	
ctual Footage Location of Well:	NODTU	2621		WECT	
	om the NORTH ducing Formation	_line_and2621.		WESTline	Dedicated Acreage:
3984	adding Formation		RADIUM SRPII	NGS	10 Acres
1. Outline the acreage	dedicated to the sub	oject well by col	ored pencil or hac	thure marks on the pla	it below.
<ol><li>If more than one le and royalty).</li></ol>	ase is dedicated to t	the well, outline	each and identify	the ownership thereof	(both as to working interest
	case of different owner tization, force—pooling	,	ed to the well, ha	ve the interests of all	owners been consolidated by
Yes No	o If answer is "ye	s," type of cons	solidation		
If answer is "no," list the necessary.)	ie owners and tract o	descriptions whic	ch have actually be	en consolidated. (use	e reverse side of form if
No allowable will be assi					
forced-pooling, or other	wise) or until a non-	-standard unit, e 	eliminating such in	terests, has been appro	oved by the Division.
<b>*</b>	U.S.G.LO. BRASS CAF	<del>)</del>	U.S.G.I SECTIC	LO. BRASS CAP C E	RTIFICATION
U.S.G.L.O. BRASS CAP SECTION CORNER	NE 1/4 NE 1/4 NW 1/4	443.0°			certify that the information
2621.5		•			I herein is true and complete to of my knowledge and belief.
	V///////	ı			
	INJECTION WELL	ı		Name	
		ı			
	***			Position	
		ı		Company	
		İ			
		ı		Date	
		ı			
		<del></del>			certify that the well location
		•		notes of a	n this plat was plotted from field actual surveys made by me or
				is true a	y supervision, and that the same ind correct to the best of my e and belief.
		ļ	SAAG G	Date Surveye	
			Mr. A. P.	CO	ed BRUARY 12, 1998
			92	) ) Desire	rofessional Engineer
			PEGISTERS PROFESSION	Je Vea	AC CAMACHO
			PROFESSIO	ONAL LAND 30 Certificate N	
0 330 660 990 1320	1650 1980 2310 264	40 2000	1500 1000	500 0	

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File Nr. Mr. B. Mr. Ur. S. G. S. Operator		NOTICES AND ON MAL RESOURC		5. Indicate Typ	Fee 🔀
Da Not Use This Form for Proposals to I		Back to a Different	Reservõir. Use "Applica	5.1 State Lease	W.
for Permit -" (Form G-101) for Such Pi !- Type of well Geothermal Produc Low-Temp Therma	cer L Temp. Obse			7. Unit Agreem	<b>.</b>
	Masson, Inc.		:	8. Farm or Lea	
	Linwood KS	66052	·	9. Well No.	35
Unit Letter 443.0	Feet From The	VORTH Line	and 2621.5. Feet		Springs
The WEST Line, Section	10 Township	, 215	Range   W	<b>ы</b> мем.	
	15. Elevation (She	ow whether DF, R 3984	T, GR, etc.) GR	12. County Done Ang	
	Appropriate Box To In	dicate Nature of	•		
NOTICE OF INTEN	TION TO: PLUG AND ABANDON CHANGE PLANS	cor	SUB MEDIAL WORK MMENCE DRILLING OP SING TEST AND CEMEN	NS. D PLUG	: RING CASING & ABANDONMENT
CTHER		'	OTHER		
07. Describe Proposed or completed Op- on-bosed work, SEE RULE 203.	perations (Clearly state all	pertinent details	and give pertinenet date	es, including estimated a	late of starting any
		٠.			
		٠.			
. C. Unereby certify that the information	above is true and complete	to the best of my	knowledge and belief.		
SIGNED Jum Moore	, 	TLE Maint	. Mgi	DATE	26-98
APPROVED BY	∆, . 	1LE		DATE	
CNDITIONS OF APPROVA , 1F ANY:	•				

# OIL CONSERVATION DIVISION JAMES NEW MEXICO 87901

Form 0-10\$ Adopted 10-1-74 Revised 10-1-78

## GEOTHERMAL RESOURCES WELL LOG

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Operator	ALex 12	MASSON	JATAC	-1			
Address	DRAWK	FLI	a wood	Kis	66052		
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Lease Marrie	MA	SSON .		_Well No	35 UI	nit Letter.	
	443.0						e srid
	· 57/3/						
Township	215.		Range	IW	County	DONA	ANA
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			FORMATIONS PENETHATED BY WELL					
DEPTH TO Top of Bottom of Formation		Thickness	Drilled or Cored	Řěčovetý	DESCHIPTION			
0 2'	2'	2			SAND, GRAVEL, BOULDERS GRAY TO PURPLE SHALE			
13'	100'	8 7			AHYOLITE			

	Attach Additional Sheets If Necessary
•	 (
	11 多情報

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

#### CERTIFICATION

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

Signed	Moore	•	Position Mai	int. Mgs.	Date 2.25-98
0				₽.	0010

# OIL CONSERVATION DIVISION P. O. 60 X 2088 SANTA FE, NEW MEXICO 87501

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

#### GEOTHERMAL RESOURCES WELL SUMMARY REPORT.

Ope	rator	ALE X	R. M	ASSON					Box 20 1	RADIUM SE	PRINGS, 1	<u>um 8805</u>	
Lea	name					· · · · · · · · · · · · · · · · · · ·	- Weli	·· <u>35</u>					
Unit	Letter			Sec	10.		wp21	<u>s</u>	Pg.	. <u>IW</u>			
Rese	Letter	MUICAS	3 PR	CINGS	<u> </u>	29 100	Cou		A ANA	.4			
Com	menced drill	ing L-	-26-98	<b>3</b>				GEOLOG	IICAL MÁRKERS	•	DEPTH		
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Com	menced prod	lucing	(Date)			•		Geologic	age at total depth	* ***		•	
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	CERT	IFICATIO	N								,		
			that the	information de belief.	on given a	bave and ti	he däta and	d material et	tachéd hereto s	re true and co	mplete to t	he	
			-								ž.		
	Signed	Jur	n M	oore	y	Posi	Mon M	ant Mg	۸۰ .	Dato 2.25	-98		
		· <i>U</i>				•		Ą				1	

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

Form 6-107 Adopted 10-1-74 Revised 10-1-78

#### GEOTHERMAL RESOURCES WELL HISTORY

ise Name _ it Letter	·	Sec	. 10	We	11 No. 35	R <sub>00</sub> 1 ω	
	MUIDAS	SPRINGS			ounty DONA		
opera there	tions during of, Be sure	the deliting and to include such it	testing of	the well or during r	e-drilling, ältering details, amounts	of casing, plugging, or of cement used, top and	full account of all import abandonment with the da bottom of plugs, perfornt dditional sheets if necessar
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				the data and material a			

## OIL CONSERVATION DIVISION P. O. BOX 2084 SANTA FE, NEW MEXICO 87501

Form G-117 Adopted 10-1-74 Revised 10-1-78

### APPLICATION TO PLACE WELL ON INJECTION-GEOTHERMAL RESOURCES AREA

				Santa Company	
Operator ALOY Z M,	1550		P.O. Box 2	Lo RADIUM SPR	1065, NM. 68054
Lease Name		Well No.		LM SRINGS	County DONA ANT
Location Unit Letter	100 100 100 100 100 100 100 100 100 100	443.0 Fill	S. e	· · · · · · · · · · · · · · · · · · ·	Feet From The WEST
Line, Section 1	O Township 21			NMPM.	7 44 7 70 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
		CASING AND	TUBING DATA	JAKE OF THE STREET	<del></del>
NAME OF STRING	SIZE SET	TING DEPTH	<del>``````````````````````````</del>	TOP OF CEMENT	TOP DETERMINED BY
Conductor Pipe			SM pl SM pl di distribution		
Surface Casing	123411	00'	32	SURF.	CIRCULATION
Long String		The same of the			
Tubing		Ně	me, Model and Dep	th of Tubing Packer	
Name of Proposed Injection For	MALION PALM PA	ek Pormation	Top of Formation	on	Sottom of Formation
Is Injection Through Tubing, Ca CASING		Perforations of C	pen Hole? Propo	ised Interval(s) of Injection	on
Is This a New West Prilled For	II Answer Is No	For Wha! Purpor		Drilled?   Has Well Ever	Been Perforated in Any Zone Proposed Injection Zone?
List All Such Perforated Interval	s and Sacks of Cement	used to Seal Off or		.33.	·
Depth of Bottom of Deepest Frein This Area	sh Wáler Zont is or	This injection for Pu Water Disposal? (See	rpose of Pressure M Rules 501 and 502	WATER	DisposAL
Anticipated Daily Minimu	Maximum	Open of Clos System C Co	osed Pre	njection to be by Gravitissure: PRESSURE	or Approx. Pressure (psl)
Answer Yes or No Whether the F to such a Degree as to be Unfit for Other Gergral Use—			170	tural Water in injection	Are Water Analyses Attached?
Name and Address of Surface Ow		or Federal Land)			
List Names and Addresses of all C		alf (1/2) Mile of This	Injection Well		
THOMAS F	13.00	<b>多类点</b> :			,
	BAILEY	•			
WM. H. DAL	4		•	. ,	
				***************************************	***************************************
Nave Copies of this Application B Sent to Each Operator Within On Hall Mile of this Well?		No 🗹			
Are the Following Items Attached his Application (see Rule 503)			Electrical Log	Ţ	Diagrammatic Sketch of Well
	Yes (E)	No 🗆	Y 65 🗆	Nó 🖳	Yes I No I
· ( \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	certify that the inform	nation shove is true	ind complete to thi	e best of my knowledge	•
(Signature)	e the state of	IVlaint.	Trule)		2.25-98
() (Signature)				en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de Mangantan de la companya de la companya de la companya de la companya de la companya de la companya de la comp	(Date)

NOTE: Should walvers from all operators within one-half intle of the proposed injection well not accompany this application, the New Alexico Oil Conservation Division will hold the application for a period of 20 days from the date of receipt by the Division's Sania re office if at the end of the 20 day waiting period no priviles has been received by the Sania re office, the application will be processed, if a protest is received, the application will be set for hearing, if the applicant so requests, SEE RVI.E. 503.