GTHT -___001___

LDG 76-7

STATE OF NEW MEXICO

OIL CONSERVATION DIVISION

form G-101 Accorded 10-1-76 Resided 10-1-78

	TIVEO										
OISTS SUTION File N M S M U S C S			APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK GEOTHERMAL RESOURCES WELL						3. Indicate Type of Lease STATE PE 1 - State Lease no.		
Coerator									mm	nm	יוויורי
Land Olive										lililli.	
Iz. Type of Work	Drall 🖸			Oeepen 🔲		Plug Back			7 Line Age	tement Yam	771111
b. Type of Well		ui Produc o Thermul	00			p Observation ion/Disposal	CX		Fed.	NM-34790)
2. Name of Operator	k Geothern	nal HI-01.	LLC						7 Well No.	LDG 76	5-7
Lightning Docl											
3. Address of Operator Kearns Bldg. 1: 4. Location of Well	36 S. Main	Street, St	e. 600, Sa	ED 1128	PEET PRO		East	LINE	Lightn	ing Dock	
3. Address of Operator Kearns Bldg. 1: 4. Location of Well	36 S. Main UNIT LETY LET SAOM T	Street, Si	e. 600, Sa	ED 1128	PEET ≻RO •. 25 Sc	M THE	West	NA POINTER	Lightn 12 Councy Hidalg Tertiary volcanic	20. Motary Mt	KGRA au C.T. and Rota
A. Address of Operator Kearns Bldg, 1. 4. Location of Well AND 1896 FE	36 S. Main UNIT LETY LET SAOM T	Street, Si	e. 600, Sa	SEC. 7 TW	PEET > RO	Proposed Depth 1,500 fee Design Control TBD	West 15 Cu	NA POINTER	Lightn 12 County Hidalg Tertiary volcanic	20. Motary Mt	KGRA au C.T. and Rota
A. Address of Operator Kearns Bldg, 1. 4. Location of Well AND 1896 FE	36 S. Main UNIT LETY EET SAOM T	Street, Si	e. 600, Sa	SEC. 7 TW	PEET PRO	Proposed Depth 1,500 fee Design Control TBD	West 15 Quarter RAM	NA POINTER	Lightn 12 County Hidalg Hidalg Tertiary volcanic 22. Approv 7/1/201	O Notary Mi	as C.T. ad Rota
3. Address of Operator Kearns Bldg. 1. 4. Location of Well AND 1896 FE 21. Elevations (Shaw a 4210 C	36 S. Main UNIT LETY EET #90M T	Street, Si ER ⇒∈ Soul RT, etc.)	e. 600, Sa	SEC. 7 TWO	PEET PRO	Proposed Depth 1,500 fee Desting Contr	West 15 Quarter RAM	A. FORTLASS ALCHARY Alluvium	Lightn 12 County Hidalg Hidalg Tertiary volcanic 22. Approv 7/1/201	20. Kotary Mt	KGRA au c.t. au d. Rota
3. Address of Operator Kearns Bldg. 1: 4. Location of Well ANO 1896 FE 21. Lievasions (Show of 4210 C	36 S. Main UNIT LETY EET #90M T	Street, Si ER ⇒∈ Soul RT, etc.)	e. 600, Sa	SEC. 7 TW. SEC. 7	PEET PRO	Proposed Depth 1,500 fee Deling Contr TBD EMENT PROG	West 15 Quarter RAM	A. FORTLASS ALCKS OF	Lightn 12 County Hidalg Hidalg Tertiary volcanic 22. Approv 7/1/2013	Dote Work	ar C.T. ad Rota:

TITLE

OATE

OATE

CONDITIONS OF APPROVAL, IF ANY

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

		All dista	nces must be f	rom tr	ic outer boundarii	es of the Section	n,		
Operator Lightning Dock Ge	othermal HI-0	I, LLC		Lease	Fed.	Geothermal	NM-34790		LDG 76-7
Unit Letter Section		Township	25 South		lange 19 West	County	Hidalgo		
Actual Footage Location n 1128	Well:	East	line	and	1896	feet from the	South	1	ine
Ground Level Dev. 4210	Producing Form	alion		Pool	NA			Dedica	led Acresse:
and royalty).	one lease is d	ledicated t	o the well, o	outline	e each and idea	ntify the own	ership theree	of (bot	i as to working interest
communitizat ☐ Yes ☐ If answer is "no.	on, unitizatio	n, force-po swer is "yo	oling, etc?	onsol	idation				s been consolidated by
necessary.) No allowable w forced-pooling, or	ill be assign otherwise) or	ed to the	e well until on-standard u	ali nit, e	interests have liminating such	been consolinterests, has	idated (by	commi	initization, unitization, the Division.
	1			-			contained	certif d herein of my k	TIFICATION by that the information is true and complete to enowledge and belief. ey, PG
	1 1 1 1						Agent for Lig	nce So 9, 201	
		- P4		L Lu	AT 3208'35	5.00 463" 1), 28152''	unter and is the second	actual con	A. ALLS was location to the same of the sa
	1 1 1 1					_	Registered I and for Land	Profession Survey	
F . 210 MEN 90	1970 1052 101	0 2310 20	F 296	9	1107 1990	140 0	Certificate 1	-	

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO PRODUCE GEOTHERMAL RESOURCES

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

Name Lightning Dock Geothermal HI-0	11 11 0		
Address 136 S. Main Street, Ste. 600,	The state of the s		
Address 130 S. Main Street, Ste. 600,	San Lake City, OT 04101		
TYPE OF. WELL		*	
Geothermal Producer	Low-Temperature Therma	1	Injection/Disposal 🗸
		4	
DEAGON FOR PUBLIC	100		
REASON FOR FILING New Well Recompletion	7	•	
	on of Purchaser		
Other (crease SAPauri)	Œ		· · · · · · · · · · · · · · · · · · ·
	-		
DESCRIPTION OF WELL			
	Well	Name of	D1:
Lease Name Not Applicable	Well No. LDG-76-7	Reservoir	Dock
Wind of Lagra	Lease	•	
(Fee, Fed. or State) Federal	Number _NM-3479	0	
(,			
LOCATION			*
LOCATION Unit			
Letter 1896	feet from the	South	line and
		Cost	line of
	feet from the		
Section7Township	Ra	nge19\	<u>N</u>
County Hildago	·		
TYPE OF PRODUCT		•	
Dev	Steam and	Low Temp.	4
Steam	Water Water	Thermal Water	
DESIGNATION OF PURCHASER OF P	RODUCT		
NI C			
Purchaser Public Service Company of	New Mexico		
Address of			
Purchaser 414 Silver Ave. Suite 4 Albu	iquerque, NM 87102		
D 1 1/2H		•	
Be Used For Residential and commerce	iał power		
CERTIFICATE OF COMPLIANCE			
I hereby certify that all rules and regu	lations concerning goothermal re	sources wells in the St	ate of New Mexico, us
promulgated by the Oil Conservation	Division of New Mexico, have	been complied with,	with respect to the
subject well, and that the information gr	ven above is true and complete	o the best of my know	ledge and belief.
1.0	•		
Q (0)	2 4	Acout for Los 64	dodo
Signey David Wythoway, P.	6Po	sition Dock Ges trees	-13 No Date 6/1/2015
V 0.			
Approved	Pu	sition	Date

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

		<u></u>							
Operator Lightning Dock Geo	thermal HI-0	I, LLC				Street, Suite 600 S	alt La		
Losse Name Federal NM-34790	- 62	Well f	76-7	Field	htning	Dock		County Hid	algo
Location Unit Letter I	1 Well is Lo		6 Feet Fra	m The So	outh	Line And 1128	Foet	From The E	ast
Line, Section 7									
		CAS	ING AND T	TIBING D	ATA				
NAME OF STRING	SIZE	SETTING DE		ACKS CEA		TOP OF CEMENT	Г	TOP DETER	MINED BY
Conductor Pipe	9.625"	90'		6 су		GR		flow to s	urface
Surface Casing	7"	150'		20	٠	GR		flow to	surface «
Long String	,					Mana			
Tubing	5" liner	1,500		None Model a	nd Denti	None None Tubing Packer		_NA_	
, wattry			NA NA	•	2011	I womy Faunu			
Name of Proposed Injection For				Top of F	ormation		Boltom	of Formation	
Quaternary alluvium/Te				150'	In		1.500)'	
is Injection Through Tubing, Car	ing, or Annulus?		tions or Ope	en Hote?		d Interval(s) of Injection 1,500	on		1
5" liner Is This a New Well Drilled For Injection? Yes	If Answer	SlOtt s No, For What	ed liner Purpose wa	s Well Ori		rilled? Has Well Ever I Other Than the	Been Pe Propo	rforated in An sed injection Z	y Zone Cone? NA
List Ali Such Perforated Interval	s and Sacks of Ce	ment used to Si	al Off or Sc	ueeze Ead	h	The state of the s	•	··	IAU.
Not Applicable		T		19		<u> </u>			
Depth of Bottom of Deepest Free in This Area Unkown		is This Injecti or Water Disp	on for Purp osal? (See R	ose of Pre Jules 501	and 502)	No, for injection o			
Anticipated Daily Minimu Injection Gallons 720,0	1	00.000 Ope	en or Closed tem Open	Туре	Is Inj Press	ection to be by Gravit ure? Gravity	y or	Approx. Pres	sura (psi)
Answer Yes or No Whether the F- to such a Degree as to be Unfit for or Other General Use—	ollowing Waters as	e Mineralized	Water to be No	Injected	Natu Zone	rat Water in Injection No	ļ.	nter Anatyses A mary on file v	
Name and Address of Surface Ow	ner (or Lessee, if	State or Federa	Land)						
Rosette, Inc. P.O. Box 1618 R			-4	\					
List Names and Addresses of all C Thère are no other geotherm						ropored wall			
There we no one geometri	at lease tiwiters	or operators v	Manii Cone-	nan sinne	or rue hi	oposed well.			
			34	<u> </u>		M			
27									
				M	_				·
		- 12-							
<i>9</i> 4							f	8	
Have Copies of this Application 8 Sent to Each Operator Within On Half Mile of this Well?	yes [_ N° ⊠	no <u>t</u> appl						
Are the Following Items Attached this Application (see Rule 503)	10 Plat of Area] No [3]	See G-102	Electrical Yes		No 🖾	Diagran Yes	nmalic Sketch	See drilling hanbook
1 hereby			ve is true an			best of my knowledge			25
Devil House	D.		** 1	D 10	.1	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 -	014	*5
(Signature)	156	Agent fo	r Lightning	Dock G	eotherm	al HI-01, LLC Lu	ne 1, 2	(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.