

GTLT - _____1_____

**GENERAL
CORRESPONDENCE**

YEAR(S):

BILL OF SALE

Lightning Dock Geothermal, Inc. (the "Seller"), of 224 W. Greening Ave., Las Cruces, New Mexico 88005, does hereby sell, assign and transfer to Thomas W. McCants (the "Buyer"), of HC 65 Box 265, Animas, New Mexico 88020, the following property.

PROPERTY: Exploratory Well A-603-EXPL
IDENTIFICATION NUMBER: TG 12-7
AMOUNT: \$10.00

for a TOTAL AMOUNT OF \$10.00 plus other financial considerations.

The Seller warrants that the property is being transferred to the Buyer free and clear of any liens and encumbrances.


The above property is sold on an "AS IS" basis. The Seller makes no warranties, express or implied (except as specifically stated in this document).

This transfer is effective as of March 21, 2004.

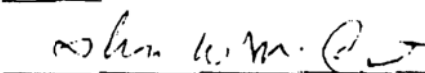
The property is now located at Lot 1, SW 1/4, NW 1/4, NW 1/4, Section 7, TS 25S, R 19W, Hidalgo County, New Mexico 88020, and all of such property is in the possession of Lightning Dock Geothermal, Inc..

SELLER:

Lightning Dock Geothermal, Inc.

By: 
Roy A. Canniff

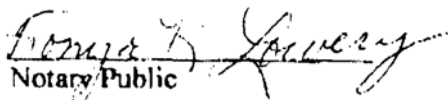
BUYER:


Thomas W. McCants

ACKNOWLEDGMENT

STATE OF NEW MEXICO)
) SS
COUNTY OF HIDALGO)

The foregoing instrument was duly acknowledged before me by
Thomas W. McCants, on this 25th day of March, 2004


Notary Public

My Commission expires:

2/16/07

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Thomas W. McQuits
Address HC 65 Box 265, Animas N.M.

TYPE OF WELL

Geothermal Producer ☐ Low-Temperature Thermal ☒ Injection/Disposal ☐

REASON FOR FILING

New Well ☒ Recompletion ☐
Change in Ownership ☐ Designation of Purchaser ☐
Other (Please Explain) ☐

DESCRIPTION OF WELL

Lease Name GTR-304 Well No. #1 Name of Reservoir Lightning Dusk
Kind of Lease (Fee, Fed. or State) state Lease Number GTR-304

LOCATION

Unit Letter A; 250 feet from the north line and
4000 feet from the west line of
Section 7 Township 25 S Range 19 W
County Hidalgo

TYPE OF PRODUCT

Dry ☐ Steam and Low Temp. ☐
Steam ☐ Water Thermal Water water well

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser Operator
Address of Purchaser same
Product Will Be Used For Green housing

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 Thomas W. McQuits Position operator Date 6/27/96

Approved _____ Position _____ Date _____

GEOHERMAL RESOURCES WELL LOG

Operator Thomas W. McCants
Address HC 65 Box 265 Animas, New Mexico
Reservoir Lighting Dook
Lease Name GTR-304 Well No. #1 Unit Letter A
Location: 25 feet from the North line and 4000 feet from the West line Section 7
Township 25 S Range 19 W County Hidalgo

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	Mud Temp. °F	DESCRIPTION
Top of Formation	Bottom of Formation					
clay	clay	98'	Drilled	N/A	N/A	Surface Clay - Subsoil
sand	sand	4'	"	possible water	108°F	sand strata - possible water
clay	clay	80'	"	clay	108°F to 120°F	clay. no water
sand clay	sand clay	48'	"	clay sand	120°F to 135°F	Narrow sand strata in clay layers
clay	clay	20'	"	clay	139°F	pure clay
		<u>250'</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 Thomas W. McCants Position operator Date 6/27/96

GEOHERMAL RESOURCES WELL SUMMARY REPORT

Operator Thomas W. McCarty Address HC 65 Box 265, Animas W.
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge 19 W
Reservoir Lighting Dark County Hidalgo

Commenced drilling 6-7-96 GEOLOGICAL MARKERS _____ DEPTH _____
Completed drilling 6-11-96 _____
Total depth 250 Plugged depth _____
Junk _____
NONE
Commenced producing when approved Geologic age at total depth: 4/4
(Date)

Date	Static test Shut-in well head		Production Test Data								
			Total Mass Flow Data					Separator Data			
	Temp. °F	Pres. Psig.	Lbs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
<u>6/11/96</u>	<u>198°</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>

CASING RECORD (Present Hole)

Size of Hole	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seamless or Lapweld	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	Cement Top Determined By
<u>7/8"</u>	<u>6" ID</u>	<u>27#</u>	<u>#1</u>	<u>new</u>	<u>seamless</u>	<u>joint surface</u>	<u>12</u>	<u>surface</u>	<u>visual</u>	

PERFORATED CASING

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

Perforated 7/8" x 12" down from 85' to bottom.

Was analysis of effluent made? NO Electrical log depths N/A Temperature log depths -50'

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 Thomas W. McCarty Position operator Date 6/27/96

GEOHERMAL RESOURCES WELL HISTORY

Operator James W. McCarty Address NE 65 Br 265 Avenue N
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge 19 W
Reservoir Lighting Deck County Hidalgo

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

6/7/96 Started well
6/8/96 Completed 12" Surface Casing and Cemented
4/9/96 Completed Drilling + installed casing, due to low temperature
6/10/96 198°F we used standard water well procedures as the heat water was what we wanted and all we had
6/11/96 Temperature of mud zone to 139°F during drilling (checked hourly)
well blown - produced 50 GPM - Temperature checked
zone temperature showed 198°F Top To bottom
Realizing what we had 198°F and 50 GPM was reduced to size of casing to 3" for a water well under State Engineering permit # 3-10424 - A 567. The well was tested and approved. The well will be used to heat and water existing greenhouses under rules regulation of the State Engineer, Oil Conservation Div and State Land Office.

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 W. McCarty Position operator Date 6/27/96

CERTIFICATE OF COMPLIANCE OIL CONSERVATION DIVISION
AND AUTHORIZATION TO PRODUCE RECEIVED
GEOTHERMAL RESOURCES

'96 JU 3 PM 8 52

OWNER OR OPERATOR

Name Thomas W. McQuits
Address HC 65 Box 265 Animas N.M.

TYPE OF WELL

Geothermal Producer ☐ Low-Temperature Thermal ☒ Injection/Disposal ☐

REASON FOR FILING

New Well ☒ Recompletion ☐
Change in Ownership ☐ Designation of Purchaser ☐
Other (Please Explain) ☐

DESCRIPTION OF WELL

Lease Name GTR-304 Well No. #1 Name of Reservoir Lightning Dock
Kind of Lease (Fee, Fed. or State) state Lease Number GTR-304

LOCATION

Unit Letter A; 250 feet from the north line and
4000 feet from the west line of
Section 7 Township 25 S Range 19 W
County Hidalgo

TYPE OF PRODUCT

Dry Steam ☐ Steam and Water ☐ Low Temp. Thermal Water water well

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser Operator
Address of Purchaser Same
Product Will Be Used For Green housing

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 Thomas W. McQuits Position operator Date 6/27/96
Approved _____ Position _____ Date _____

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Thomas W. McCreath
Address HC 65 Box 265 Animas N.M.

TYPE OF WELL

Geothermal Producer ☐ Low-Temperature Thermal ☒ Injection/Disposal ☐

REASON FOR FILING

New Well ☒ Recompletion ☐
Change in Ownership ☐ Designation of Purchaser ☐
Other (Please Explain) ☐

DESCRIPTION OF WELL

Lease Name GTR-304 Well No. #1 Name of Reservoir Lightning Dock
Kind of Lease (Fee, Fed. or State) state Lease Number GTR-304

LOCATION

Unit Letter A; 250 feet from the north line and
4000 feet from the west line of
Section 7 Township 25 S Range 19 W
County Hidalgo

TYPE OF PRODUCT

Dry Steam ☐ Steam and Water ☐ Low Temp. Thermal Water water well

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser Operator
Address of Purchaser same
Product Will Be Used For Green housing

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 Thomas W. McCreath Position operator Date 6/27/96
Approved _____ Position _____ Date _____

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Thomas W. McEwitts
Address He 65 Box 265, Arivaca N.M.

TYPE OF WELL

Geothermal Producer ☐ Low-Temperature Thermal ☒ Injection/Disposal ☐

REASON FOR FILING

New Well ☒ Recompletion ☐
Change in Ownership ☐ Designation of Purchaser ☐
Other (Please Explain) ☐

DESCRIPTION OF WELL

Lease Name GTR-304 Well No. #1 Name of Reservoir Lightning Dock
Kind of Lease (Fee, Fed. or State) state Lease Number GTR-304

LOCATION

Unit Letter A; 910' ~~250~~ feet from the north line and
4000 feet from the west line of
Section 7 Township 25 S Range 19 W
County Hidalgo

TYPE OF PRODUCT

Dry Steam ☐ Steam and Water ☐ Low Temp. Thermal Water water well

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser Operator
Address of Purchaser same
Product Will Be Used For Green Housing

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 Thomas W. McEwitts Position operator Date 6/27/96
Approved Ry Epperson Position DISTRICT SUPERVISOR Date 8/19/96

GEOHERMAL RESOURCES WELL LOG

Operator Thomas W. McNitts
Address HC 65 Box 265 Animas, Alamo Mercio
Reservoir Lighting Dook
Lease Name GTR-304 Well No. #1 Unit Letter A
Location: 910' 25 feet from the North line and 4000 feet from the West line Section 7
Township 25 S Range 19 W County Hidalgo

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	mud Temperature	DESCRIPTION
Top of Formation	Bottom of Formation					
clay	clay	98'	Drilled	N/A	N/A	Surface Clay - Subsoil
sand	sand	4'	"	possible looser	108°F	sand Strata - possible water
clay	clay	80'	"	clay	108°F to 120°F	clay. no water
sand clay	sand clay	48'	"	clay sand	120°F to 135°F	narrow sand Strata in clay layers
clay	clay	20'	"	clay	139°F	pure clay
		<u>250'</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 Thomas W. McNitts Position operator Date 6/27/96

GEOHERMAL RESOURCES WELL SUMMARY REPORT

Operator Thomas W. McCarty Address MC 65 Box 265 Animas W.
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge 19 W
Reservoir Lighting Dook County Hidalgo

Commenced drilling 6-7-96 GEOLOGICAL MARKERS _____ DEPTH _____
Completed drilling 6-11-96 _____
Total depth 250' Plugged depth — _____
Junk NONE _____
Commenced producing when approved (Date) _____ Geologic age at total depth: 4/4

Date	Static test		Production Test Data								
	Shut-in well head		Total Mass Flow Data					Separator Data			
	Temp. °F	Pres. Psig.	Lbs/Hr	Temp. °F	Pres. Psig.	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig.	Temp. °F
4/11/96	198°	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

CASING RECORD (Present Hole)

Size of Hole	Size of Casing	Weight of Csg/ft.	Grade of Casing	New or Used	Seamless or Lapweld	Depth of Shoe	Top of Casing	Number of Sacks Cement	Top of Cement	Cement Top Determined By
7/8"	6" ID	22#	41	new	Seamless	Joint Surface	12	Surface	Visual	

PERFORATED CASING

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

Perforated 7/8" x 1/2" down from 85' to bottom.

Was analysis of effluent made? NO Electrical log depths N/A Temperature log depths 250'

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 Thomas W. McCarty Position operator Date 6/27/96

GEOHERMAL RESOURCES WELL HISTORY

Operator Thomas W. McCarty Address NC 65 Bridge Arroyos N.M.
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge. 19 W
Reservoir Lightning Deck County Hidalgo

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

6/7/96 Started well
6/8/96 Completed 12" Surface Casing and Cemented
4/9/96 Completed Drilling + installed casing, due to low temperature.
5/10/96 198°F we used standard water well procedures as the hot water was what we wanted and all we had
6/11/96 Temperature of mud zone to 139°F during drilling (checked hourly)
well blown - produced 50 GPM - Temperature checked
zone temperature showed 198°F Top To bottom
Realizing what we had 198°F and 50 GPM we reduced to size of casing to 6" for a water well under State Engineering permit # 3-10424 - A 567. The well was tested and approved. The well will be used to heat and water existing greenhouses under rules regulation of the State Engineer, Oil Conservation Div and State Land Office.

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 Thomas W. McCarty Position operator Date 6/27/96

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

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Operator	
Land Office	

OIL CONSERVATION DIVISION
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SUNDRY NOTICES AND REPORTS

ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State ☒ Fee ☐

5.a State Lease No.
GTR-304

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 ☐
Low-Temp Thermal ☒ Injection/Disposal ☐

RECEIVED

7. Unit Agreement Name

2. Name of Operator

Thomas W. McQuinn

JUN 20 1996

8. Farm or Lease Name

McQuinn

3. Address of Operator

Mc 65 B-265

OIL CON. DIV.

9. Well No.

#1

4. Location of Well

Unit Letter A Feet From The 250 Line and 7000 Feet From

10. Field and Pool, or Wildcat

Lighting Dock

The West Line, Section 7 Township 25S Range 19W NMPM.

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

4235

12. County

Adams

16. 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 ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐ CHANGE PLANS ☐

OTHER ☐

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☒ PLUG & ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER ☐

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

Well 1 Spudded - 7 A.M. June 7th, 1996

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

SIGNED Don McQuinn TITLE agent DATE 6/12/96

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

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U. S. G. S.	96 JUN 20 AM 8 52
Operator	
Land Office	

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State ☒ Fee ☐

5.a State Lease No.
GTR-304

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 ☐
Low-Temp Thermal ☒ Injection/Disposal ☐

RECEIVED

7. Unit Agreement Name

2. Name of Operator
Thomas W. McQuinn

JUN 20 1996

8. Farm or Lease Name
McQuinn

3. Address of Operator
HCLB-265

9. Well No.
#1

4. Location of Well
Unit Letter A Feet From The 250 Line and 1000 Feet From
The West Line, Section 7 Township 25S Range 1940 NMPM.

10. Field and Pool, or Wildcat
Lighting Dock.

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

4235

12. County
Ridgely

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐ CHANGE PLANS ☐
OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☒ PLUG & ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

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

Well 1 Spudded - 7 A.M. June 7th, 1996

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

SIGNED Don McQuinn TITLE operator DATE 6/12/96

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS 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-103
Adopted 10-1-74
Revised 10-1-78

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File	
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U. S. G. S.	
Operator	
Land Office	

'96 JUN 28 AM 9 52
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SUNDY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5.a State Lease No. GTR-304

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

2. Name of Operator Tom McCanis	JUN 20 1996
------------------------------------	-------------

3. Address of Operator Hc 65 Box 265 Animas, NM	OIL CON. DIV.
--	---------------

4. Location of Well Unit Letter <u>250</u> Feet From The <u>North</u> Line and <u>4000</u> Feet From The <u>West</u> Line, Section <u>7</u> Township <u>25 S</u> Range <u>19 W</u> NMPM.	DIST. 2
--	---------

6. Unit Agreement Name

8. Farm or Lease Name McCanis

9. Well No. 1

10. Field and Pool, or Wildcat Lighting Dock

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

4235

12. County

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	
PULL OR ALTER CASING <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <u>Completion</u> <input checked="" type="checkbox"/>	

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

6/9/96 Cemented to Surface
6/11/96 Well completed + tested

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

SIGNED Tom McCanis TITLE operator DATE 6/12/96

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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U. S. G. S.	
Operator	
Land Office	

OIL CONSERVATION DIVISION

RECEIVED

SUNDRY NOTICES AND REPORTS

96 JUN 20 PM 8 59N

GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease

State ☒ Fee ☐

5.a State Lease No.

GTR-304

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 ☐
Low-Temp Thermal ☒ Injection/Disposal ☐

2. Name of Operator

Tom McCanis

JUN 20 1996

3. Address of Operator

HC 65 Box 265

Animas

OIL CON. DIV.

4. Location of Well

Unit Letter 250 Feet From The North Line and 4100 Feet From

The West Line, Section 7 Township 25 S Range 19 W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

McCanis

9. Well No.

#1

10. Field and Pool, or Wildcat

Lighting Dark

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

4235

12. County

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐ CHANGE PLANS ☐

OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER Completion ☐

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

6/9/96 Cemented to Surface
6/11/96 Well completed + tested

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

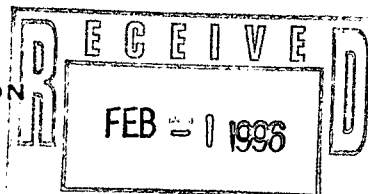
SIGNED Tom McCanis TITLE Operator DATE 6/12/96

APPROVED BY TITLE DATE

CONDITIONS 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

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Operator	
Land Office	

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

STATE ☒ FEE []
5.a State Lease No.
GT R-304

1a. Type of Work Drill ☒ Deepen ☐ Plug Back ☐
b. Type of Well Geothermal Producer ☐ Temp Observation ☐
Low-Temp Thermal ☒ Injection/Disposal ☐

7. Unit Agreement Name
8. Farm or Lease Name

2. Name of Operator
Thomas W. McCants
3. Address of Operator
HC 65 Box 265, Animas, New Mexico 88020
4. Location of Well
UNIT LETTER **A** LOCATED **910 yds** FEET FROM THE **north** LINE
AND **4000** FEET FROM THE **west** LINE OF SEC. 7 TWP. 25S RGE. 19W NMPM

9. Well No.
41
10. Field and Pool, or Wildcat
Lightning Rock

12. County
Hidalgo

19. Proposed Depth 250 ft.	19A. Formation Gravel Sand	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor Oasis Drilling
		22. Approx. Date Work will start

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	8"	27 lbs	225'	as needed	

well to be drilled by Oasis Drilling of Animas, New Mexico
As with other wells in the area, this low temperature thermal
well should show gravel + dirt for the first 75' to 100' with a
rock layer at about 100' to 105' the the remaining footage
of clay and gravel. low temperature water should show at
about 100' and continue to the bottom

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.

Signed Thomas W. McCants Title Land Date 1-29-96

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 2/12/96

CONDITIONS OF APPROVAL, IF ANY: Casing to be cemented back to surface

GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

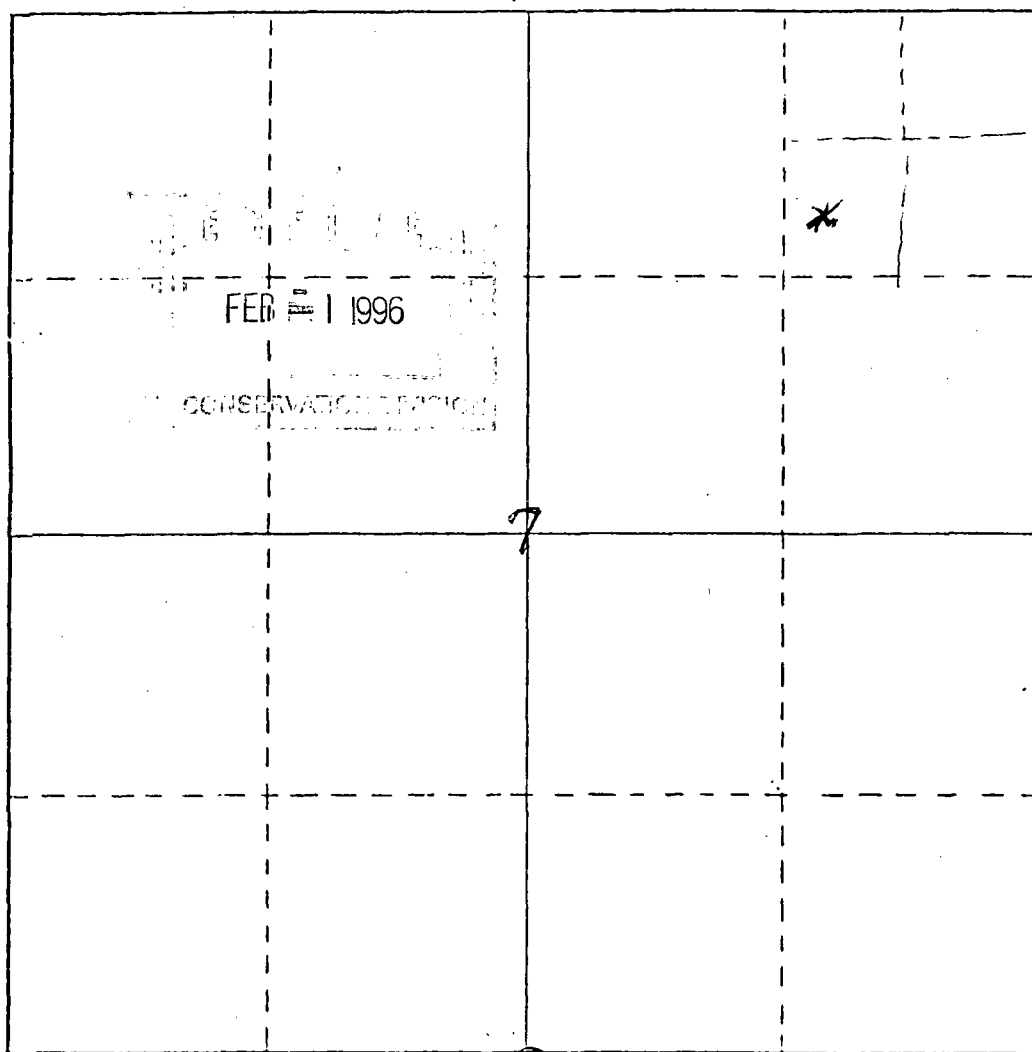
Operator <i>Thomas W. McCants</i>		Lease <i>GTR-304</i>		Well No. <i>#1</i>
Unit Letter	Section <i>7</i>	Township <i>25 S</i>	Range <i>19 W</i>	County <i>Hidalgo</i>
Actual Footage Location <i>Revised</i> <i>250910</i> feet from the <i>North</i> line and <i>4000'</i> feet from the <i>West</i> line				
Ground Level Elev. <i>4200'</i>	Producing Formation		Pool	Dedicated Acreage: <i>40</i> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

N

CERTIFICATION

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

Thomas W. McCants

Name

Seaver

Position

Company

Date

1-29-96

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

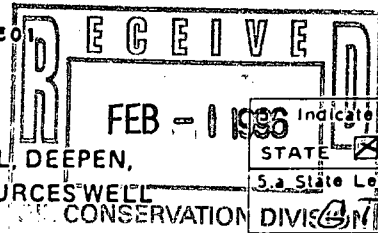
Certificate No.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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

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U.S.G.S.		
Operator		
Land Office		



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

Indicate Type of Lease
STATE ☒ FEE
5. a State Lease No. 17-304

1a. Type of Work Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>		7. Unit Agreement Name
b. Type of Well Geothermal Producer <input type="checkbox"/> Temp Observation <input type="checkbox"/> Low-Temp Thermal <input checked="" type="checkbox"/> Injection/Disposal <input type="checkbox"/>		8. Farm or Lease Name
2. Name of Operator <u>Thomas W. McCants</u>		9. Well No. <u>41</u>
3. Address of Operator <u>HC 65 Box 265, Animas, New Mexico 88020</u>		10. Field and Pool, or Wildcat <u>Lightning Pool</u>
4. Location of Well UNIT LETTER _____ LOCATED <u>350</u> FEET FROM THE <u>north</u> LINE <u>910</u> FEET FROM THE <u>WEST</u> LINE OF SEC. 7 TWP. 25S RGE. 19W NMPM		12. County <u>Hidalgo</u>
19. Proposed Depth <u>250 ft.</u>		19A. Formation <u>Gravel Sand</u>
20. Rotary or C.T. <u>Rotary</u>		
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor <u>Oasis Drilling</u>
22. Approx. Date Work will start		

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>10"</u>	<u>8"</u>	<u>27 lbs</u>	<u>225'</u>	<u>as needed</u>	

well to be drilled by Oasis Drilling of Animas, New Mexico
As with other wells in the area, this low temperature thermal
well should show gravel + dirt for the first 75' to 100' with a
rock layer at about 100' to 105' the the remaining footage
of clay and gravel. low temperature water should show at
about 100' and continue to the bottom

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.

Signed Thomas W. McCants Title Landowner Date 1-29-86

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

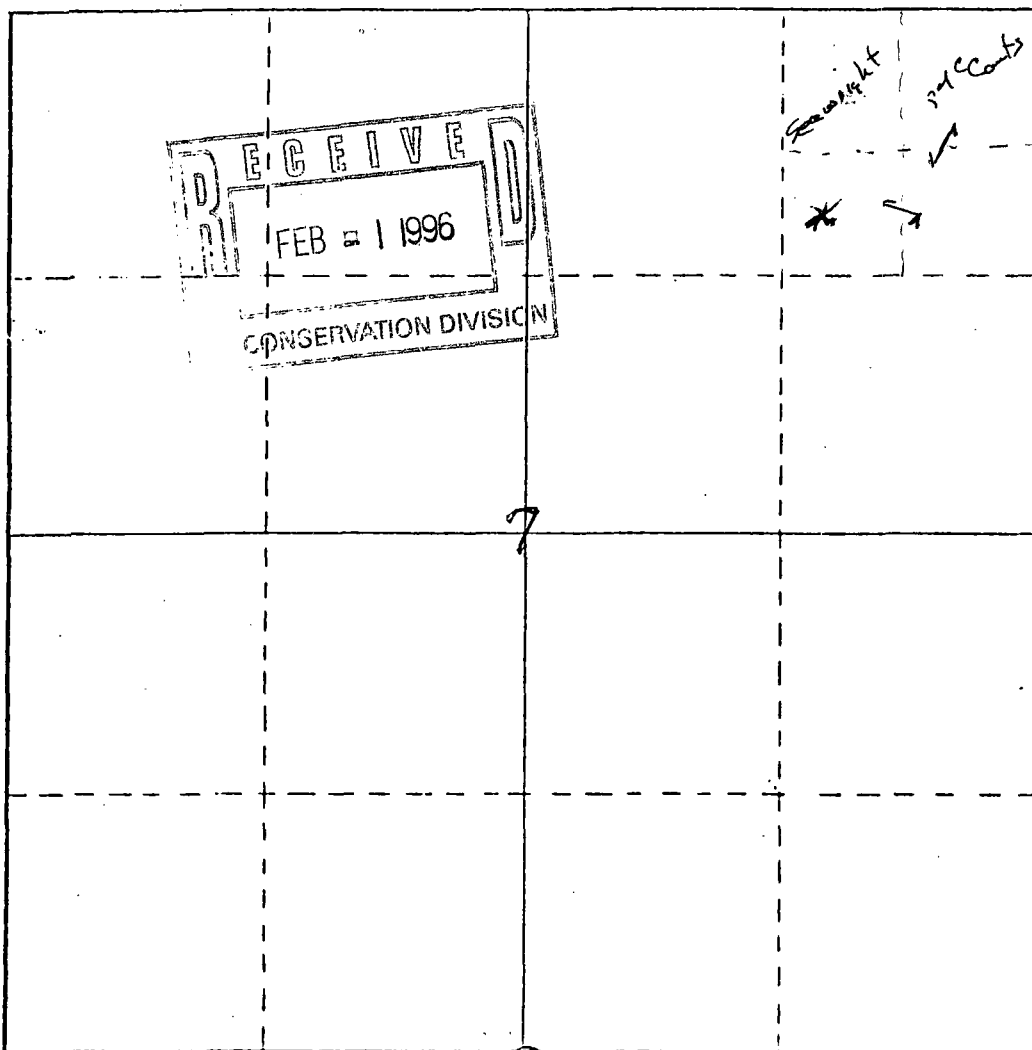
Operator <i>Thomas W. McCants</i>		Lease <i>GTR-304</i>		Well No. <i>#1</i>
Unit Letter <i>R</i>	Section <i>7</i>	Township <i>25 S</i>	Range <i>19 W</i>	County <i>Hidalgo</i>
Actual Footage Location of Well: <i>3309' 2"</i> feet from the <i>North</i> line and <i>4000'</i> feet from the <i>west</i> line				
Ground Level Elev. <i>4200'</i>	Producing Formation		Pool	Dedicated Acreage: <i>40</i> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
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☒ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

Thomas W. McCants

Name

Sealer

Position

Company

Date

1-29-96

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

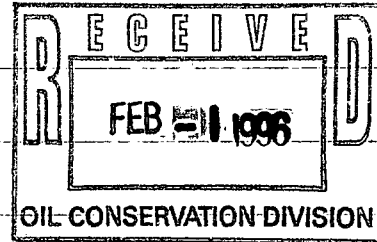
Registered Professional Engineer and/or Land Surveyor

Certificate No.

250
660
910

I am getting a C.D. for my bond of
\$2000.00 - Can I get approval subject to
bond -

Jan M. [Signature]



2-12-96

Verbal Approval / Cash Bond Fax Rec'd
Ok'd w/ D.R.

[Signature]