

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.

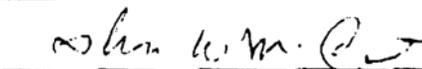
The property is now located at Lot 1, SW 1/4, NW 1/4, NW 1/4, Section 7, TS 25S, R 19W, Hidalgo County, New Mexico 88020, and all of such property is in the possession of Lightning Dock Geothermal, Inc..

SELLER:

Lightning Dock Geothermal, Inc.

By:  _____
Roy A. Cunniff

BUYER:

 _____
Thomas W. McCants

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOHERMAL 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 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 _____

GEOHERMAL RESOURCES WELL LOG

Operator Thomas W. McCants
 Address HC 65 Box 265 Animas, Alamo Mesa
 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 Temperature	DESCRIPTION
Top of Formation	Bottom of Formation					
clay	clay	98'	Drilled	N/A	N/A	Surface Clay - Subsoil
sand	sand	4'	"	Possible Luster	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

GEOTHERMAL 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		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
<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>	<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 Burdick Avenue NE NM
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge. 19 W
Reservoir Lightning Peak 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 AND AUTHORIZATION TO PRODUCE GEOTHERMAL RESOURCES
OIL CONSERVATION DIVISION
RECEIVED

'96 JUN 3 AM 8 52

OWNER OR OPERATOR

Name Thomas W. McQuits
Address He 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. McCants
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 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 McCants Position operator Date 6/27/96
Approved _____ Position _____ Date _____

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Thomas W. McCreits
Address He 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; 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. McCreits Position operator Date 6/27/96
Approved Ky Johnson Position DISTRICT SUPERVISOR Date 8/19/96

GEOHERMAL RESOURCES WELL LOG

Operator Thomas W. McEnuts
 Address HC 65 Box 265 Animas, Alamo Mercio
 Reservoir Lighting Dock
 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 leaker	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. McEnuts 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 Geologic age at total depth: 4/4
(Date)

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	
<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>	<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>22#</u>	<u>#1</u>	<u>new</u>	<u>seamless joint</u>	<u>surface</u>	<u>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 1/2" down from 85' to bottom.

Was analysis of effluent made? NO Electrical log depths NO 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 NE 65 Bridge Avenue NM
Lease Name GTR-304 Well No. #1
Unit Letter A Sec. 7 Twp. 25 S Rge 19 W
Reservoir Lighting Dock 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 rose 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 Control 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

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File	
N. M. B. M.	
U. S. G. S.	
Operator	
Land Office	

OIL CONSERVATION DIVISION
RECEIVED

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. McQuate JUN 20 1996

8. Farm or Lease Name
McQuate

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 DIST. 2' Feet From 700'

10. Field and Pool, or Wildcat
Lighting Doe K.

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

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 AM June 7th, 1996

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

SIGNED Tom McQuate TITLE operator DATE 6/17/96

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	41 CONSERVATION DIVISION
File	RECEIVED
N. M. B. M.	
U. S. G. S.	1996 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. McQuate

8. Farm or Lease Name
McQuate

3. Address of Operator
ACLS Bv 265

9. Well No.
#1

4. Location of Well
Unit Letter A Feet From The 250 Line and 1000 Feet From

10. Field and Pool, or Wildcat
Lighting Dock

The West Line, Section 7 Township 25S Range 1940 NMPM.

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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>		OTHER <input 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.

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 Tom McQuate TITLE operator DATE 6/17/96

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

RECEIVED
'96 JUN 26 AM 9 52
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

6. Unit Agreement Name

2. Name of Operator
Tom McCants

JUN 20 1996

8. Farm or Lease Name
McCants

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

9. Well No.

4. Location of Well
Unit Letter _____ Feet From The _____ Line and _____ Feet From

10. Field and Pool, or Wildcat
Lighting Dock

The _____ Line, Section _____ Township _____ Range _____ NMPM.

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 McCants TITLE operator DATE 6/12/96

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

OIL CONSERVATION DIVISION
RECEIVED
SUNDAY NOTICES AND REPORTS
1996 JUN 20 AM 8:59
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 McCann's

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
McCann's
9. Well No.
#1
10. Field and Pool, or Wildcat
Lighthouse Dork

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:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <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

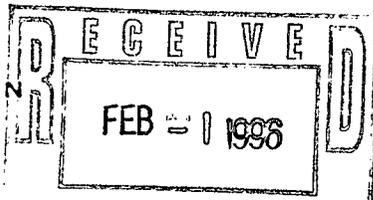
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Tom McCann 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

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

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

OIL CONSERVATION DIVISION Type of Lease

STATE FEE []

5.a State Lease No.
GR-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

9. Well No.
#1

3. Address of Operator
HC 65 Box 265, Animas, New Mexico 88020

10. Field and Pool, or Wildcat
Lightning Pool

4. Location of Well UNIT LETTER **A** LOCATED ~~350~~ **910** FEET FROM THE **north** LINE
 AND **4000** FEET FROM THE **west** LINE OF SEC. 7 TWP. **25S** RGE. **19W** NMPM

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	75'	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 **Service** 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>RD of Mc</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		

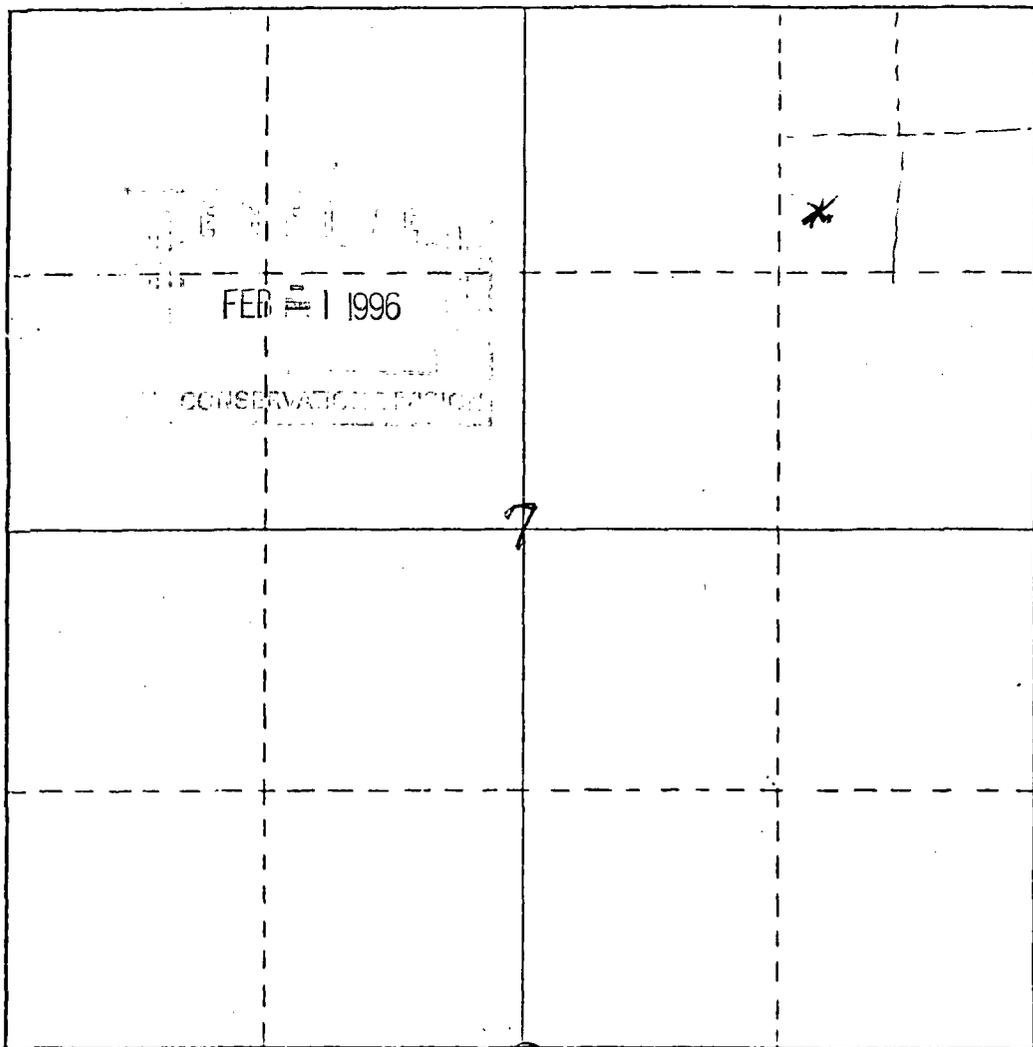
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is 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

Surveyor

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.

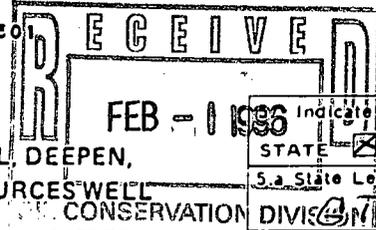
Date Surveyed

Registered Professional Engineer and/or Land Surveyor

Certificate No.



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U.S.G.S.		
Operator		
Land Office		



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

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

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

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

4. Location of Well UNIT LETTER _____ LOCATED 350 FEET FROM THE north LINE
AND 4000 FEET FROM THE WEST LINE OF SEC. 7 TWP. 25S RGE. 19W NMPM

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
<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' to 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 Service Date 1-29-96

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

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 of Well: <i>330910' NE</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	

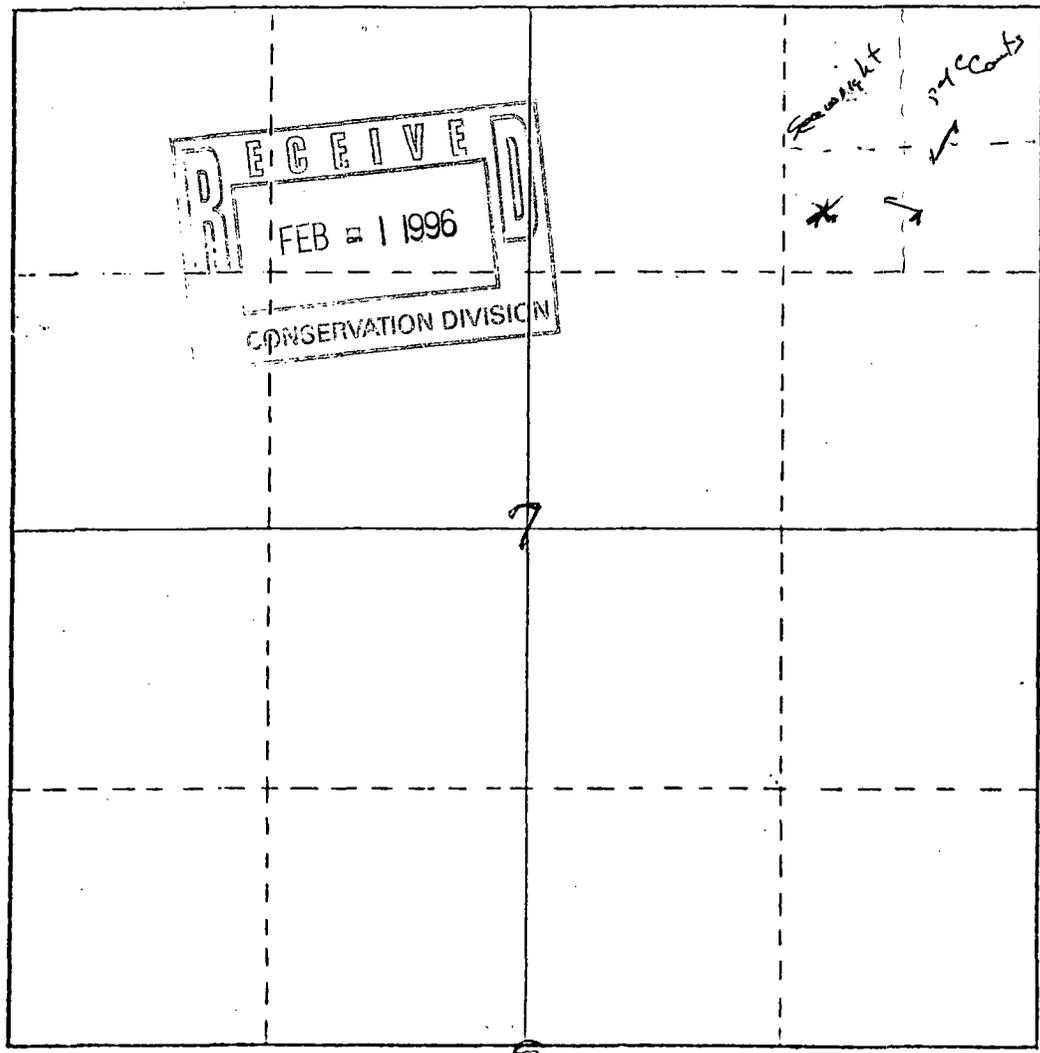
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated 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

Surveyor
Position

Company

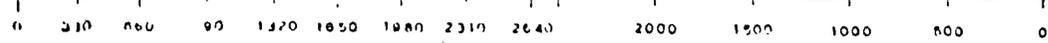
Date
1-29-96

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

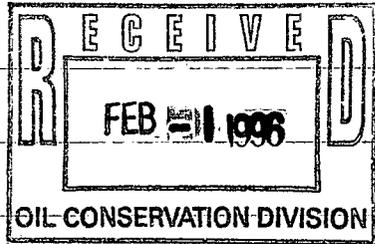
Certificate No.



258
02/10
6/10

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

Janice



2-12-96

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

[Signature]