

**GTLT - \_\_\_\_\_22\_\_\_\_\_**

**New Mexico Boy's  
Ranch, Inc.**

**6-2N-2E**

**Socorro County**

**Well No. 1**

May 2, 1983

Mr. Carl Ulvog  
Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87501

Dear Mr. Ulvog,

Please find enclosed the following documents:

- (1) G-103, Alter Plans
- (2) G-103, Commence Drilling Operations
- (3) G-103, Plug and Abandonment

The first G-103, Alter Plans, corrects an error on the location of the hole. The second G-103, Commence Drilling Operations, indicates the date of spudding and the depth. The third G-103, Plug and Abandonment, indicates the approximate date for plugging of the temperature gradient hole.

I believe this information is sufficient to satisfy Oil Conservation Division Rules and Regulations. Should there be any further requirements, please inform me as I intend to fully comply with the OCD regulations.

Sincerely,



Mr. Michael Kull

Enclosures

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	<input checked="" type="checkbox"/>
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Operator	
Land Office	

SUNDRY NOTICES AND REPORTS  
ON  
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5.a State Lease No. N/A	

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"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>		7. Unit Agreement Name
2. Name of Operator Mr. Michael Kull, Executive Director		8. Farm or Lease Name BR-TG
3. Address of Operator New Mexico Boy's Ranch, Inc., Boy's Ranch, NM 87002		9. Well No. 1
4. Location of Well Unit Letter E, 800 Feet From The W Line and 1,500 Feet From The North Line, Section 6 Township 2N Range 2E NMPM.		10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) 4,880		12. County Socorro

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 checked="" 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 <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.

An error was made on the approved G-101 and G-102 forms. The hole location should be Section 6, Township 2N, Range 2E (as above).

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

SIGNED Michael Kull TITLE Executive Director DATE 5-6-83

APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 5-10-83

CONDITIONS OF APPROVAL, IF ANY:

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DISTRIBUTION	
File	<input checked="" type="checkbox"/>
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U. S. G. S.	
Operator	
Land Office	

SUNDRY NOTICES AND REPORTS  
ON  
GEOTHERMAL RESOURCES WELLS5. Indicate Type of Lease  
State ☐ Fee ☒

5.a State Lease No.

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 ☐7. Unit Agreement Name  
N/A2. Name of Operator  
Mr. Michael Kull, Executive Director8. Farm or Lease Name  
BR/TG3. Address of Operator  
New Mexico Boy's Ranch, Boy's Ranch, NM 870029. Well No.  
14. Location of Well  
Unit Letter E, 800 Feet From The West Line and 1,500 Feet From  
The North Line, Section 6 Township 2N Range 2E NMPM.10. Field and Pool, or Wildcat  
Wildcat15. Elevation (Show whether DF, RT, GR, etc.)  
488012. County  
Socorro

6. 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 ☐

7. 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.

Temperature gradient hole will be plugged and abandoned in accordance with Oil Conservation Division regulations. The PVC tubing will be cut off 2 feet below the surface. The top 8 feet of the PVC will be filled with cement and the cement will be allowed to overflow into the annular space to form a permanent cap. The hole will be backfilled and the surface will be reclaimed. Plugging and abandonment will take place on or about 6/15/83.

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

SIGNED Michael Kull TITLE Executive Director DATE 5-6-83APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 5-10-83

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

NO. OF COPIES RECEIVED	
DISTRIBUTION	
File	<input checked="" type="checkbox"/>
N. M. B. M.	
U. S. G. S.	
Operator	<input checked="" type="checkbox"/>
Land Office	

SUNDRY NOTICES AND REPORTS  
ON  
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5.a State Lease No.	
N/A	

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"/>		Temp. Observation <input checked="" type="checkbox"/>		7. Unit Agreement Name	
		Low-Temp Thermal <input type="checkbox"/>		Injection/Disposal <input type="checkbox"/>			
2. Name of Operator							
Mr. Michael Kull, Executive Director							
3. Address of Operator							
New Mexico Boy's Ranch, Inc., Boy's Ranch, NM 87002							
4. Location of Well							
Unit Letter <u>E</u> , <u>800</u> Feet From The <u>W</u> Line and <u>1,500</u> Feet From							
The <u>North</u> Line, Section <u>6</u> Township <u>2N</u> Range <u>2E</u> NMPM.							
10. Field and Pool, or Wildcat							
Wildcat							
15. Elevation (Show whether DF, RT, GR, etc.)							
4,880							
12. County							
Socorro							

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 checked="" type="checkbox"/>	PLUG & ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

7. 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.

The hole was spudded on 4/25/83. A depth of 300 feet was reached. Drilling stopped on 4/26/83. 1½" PVC casing was placed in the hole. The annular space around the tubing was filled with drilling mud to 10 feet below the surface and with cement from 10 feet to 2 feet below the surface.

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

SIGNED Michael R Kull TITLE Executive Director DATE 5-6-83

APPROVED BY Carl Wloog TITLE DISTRICT SUPERVISOR DATE 5-10-83

CONDITIONS OF APPROVAL, IF ANY:



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

TONEY ANAYA  
GOVERNOR

April 27, 1983

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

Mr. Michael H. Kull  
New Mexico Boy's Ranch, Inc.  
Boy's Ranch, NM 87002

Dear Mr. Kull:

It has come to the attention of this agency that you have recently caused to be drilled a well on Boy's Ranch property. Furthermore, it appears that no permit for such drilling has been obtained from a New Mexico State agency.

There is on record an approved permit for drilling a geothermal (Temperature Observation) well in Section 6, Township 2 North, Range 1 East, Socorro County. Is the well, which has already been drilled, also for the purpose of geothermal exploration? If so, it is an illegal operation and in violation of the New Mexico Geothermal Resource Conservation Act. (See "Geothermal Resources Regulations, State of New Mexico, Section J.)

According to the approved drilling permit, operations were slated to begin about April 15, 1983. Please advise the approximate date you expect to begin at this location.

Yours truly,

A handwritten signature in cursive script that reads "Carl Ulvog".

CARL ULVOG  
Geothermal Supervisor

CU/dp

cc: OCD Legal Department

F  
R  
O  
MNEW MEXICO BOYS RANCH, INC.  
BOYS RANCH, NEW MEXICO 87002Message  
Reply

DATE:

3-22-83

FILE NO.

ATTENTION:

PRIORITY

- ☐ URGENT!  
☐ SOON AS POSSIBLE  
☐ NO REPLY NEEDED

864-7381 865-9780

T  
OOIL CONSERVATION DIVISION  
P.O. BOX 2088  
SANTA FE, N.M. 87501

SUBJECT:

GEOTHERMAL WELL  
APPLICATIONSM  
E  
S  
S  
A  
G  
E

Enclosed are forms G-101 and G-102. We are completing form GB-LT-1 - well bond and will forward it on to you as soon as possible.

SIGNED:

*AL Amabile*

DATE OF REPLY:

REPLY TO:

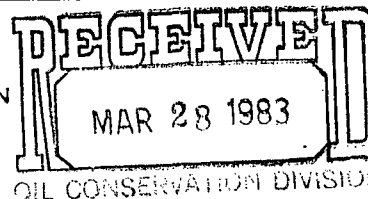
R  
E  
P  
L  
Y

SIGNED:

SENDER: MAIL RECIPIENT WHITE AND PINK SHEETS.

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

5. Indicate Type of Lease	STATE <input type="checkbox"/> N/A FEE <input type="checkbox"/>
5.a State Lease No.	N/A
7. Unit Agreement Name	N/A
8. Farm or Lease Name	BR-TG
9. Well No.	1
10. Field and Pool, or Wildcat	Wildcat
12. County	Socorro
19. Proposed Depth	300
19A. Formation	Quaternary Alluvium
20. Rotary or C.T.	To Be Determined
21. Elevations (Show whether DF, RT, etc.)	4880
21A. Kind & Status Plug. Bond	To Be Determined
21B. Drilling Contractor	To Be Determined
22. Approx. Date Work will start	April 15, 1983

1a. Type of Work	Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>
b. Type of Well	Geothermal Producer <input type="checkbox"/> Temp Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>
2. Name of Operator	Mr. Michael H. Kull, Executive Director
3. Address of Operator	New Mexico Boy's Ranch, Inc., Boy's Ranch, NM 87002
4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>800</u> FEET FROM THE <u>West</u> LINE AND <u>1500</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>6</u> TWP. <u>2N</u> RGE. <u>1E</u> NMPM

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP Surface
4"	1½" OD	1 lb	300 ft	1	

PVC will be filled with fresh water and capped.  
Temperature measurements will be made during the month following drilling.  
Hole will be plugged and abandoned after final use.  
Hole location will be restored.

APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 7-11-83  
UNLESS DRILLING UNDERWAY

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

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.

by Michael H. Kull Title Executive Director Date 3-22-83

(This space for State Use)

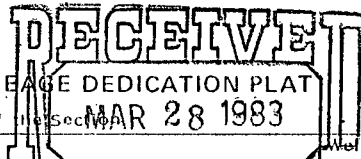
APPROVED BY Carl Ulvog TITLE DISTRICT SUPERVISOR DATE 4-12-83

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 Mr. Michael Kull, NM Boy's Ranch, Inc.		Lease N/A		Well No. OIL CONSERVATION DIVISION BR-TG	
Unit Letter E	Section 6	Township 2N	Range 1E	County SANTA FE Socorro	

Actual Footage Location of Well: 800 feet from the West line and 1500 feet from the North line					
Ground Level Elev. 4880	Producing Formation		Pool Wildcat	Dedicated Acreage: 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.

CERTIFICATION

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

*Michael H. Kull*

Name
Executive Director
Position
New Mexico Boy's Ranch
Company
Boy's Ranch, NM 87002
Date

3/22/83

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.

0 500 600 90 1320 1650 1980 2310 2640 2000 1500 1000 500 0



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

TONEY ANAYA  
GOVERNOR

April 14, 1983

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

New Mexico Boys Ranch  
Boys Ranch, New Mexico 87002

Re: \$2,000 One-Well Low-Temperature  
Geothermal Observation Well Bond  
New Mexico Boy's Ranch, Inc.,  
Principal; United States  
Fidelity & Guaranty Company,  
Surety  
Bond No. 01-0130-10809-83-6

Gentlemen:

The Oil Conservation Division hereby approves  
the above-referenced Geothermal plugging bond  
effective April 12, 1983.

Sincerely,

JOE D. RAMEY,  
Director

dr/

cc: Carl Ulvog - OCD  
Santa Fe, New Mexico

United States Fidelity & Guarant-  
2201 San Pedro, N.E.  
Albuquerque, New Mexico 87110