

GTLT - _____ 2 _____

**State-TG 22
UL: N 3-22S-9W
Luna County**

Drilled ~ 8/1981

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

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

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

5. 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

2. Name of Operator
New Mexico State University

8. Farm or Lease Name
State - TG

3. Address of Operator
Box 3EI
Las Cruces, New Mexico 88003

9. Well No.
22

4. Location of Well
 Unit Letter N 100 Feet From The South Line and 1650 Feet From
 The West Line, Section 3 Township 22S Range 9W NMPM.

10. Field and Pool, or Wildcat
Wildcat

15. Elevation (Show whether DF, RT, GR, etc.)
GL 4750

12. County
Luna

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

NOTICE OF INTENTION TO:

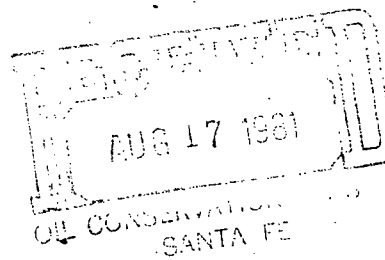
PERFORM REMEDIAL WORK PLUG AND ABANDON
 TEMPORARILY ABANDON
 PULL OR ALTER CASING CHANGE PLANS
 OTHER

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.

This well will not be drilled.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNED Richard L. Lohse TITLE Geothermal Field Engineer DATE 8-10-81

APPROVED BY Carl Wlosy TITLE SENIOR PETROLEUM GEOLOGIST DATE 8/21/81

CONDITIONS OF APPROVAL, IF ANY:

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

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Operator	/	
Land Office	/	

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. 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.)

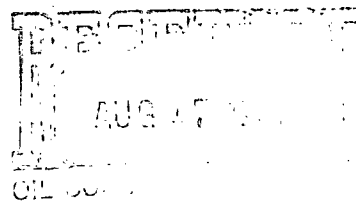
1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator New Mexico State University	8. Farm or Lease Name State - TG
3. Address of Operator Box 3EI Las Cruces, New Mexico 88003	9. Well No. 22
4. Location of Well Unit Letter N 100 Feet From The South Line and 1650 Feet From The West Line, Section 3 Township 22S Range 9W NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) GL 4750	12. County Luna

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

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

This well will not be drilled.



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

SIGNED Richard L. Lohse TITLE Geothermal Field Engineer DATE 8-10-81

APPROVED BY Carl Ullvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 8/21/81

CONDITIONS OF APPROVAL, IF ANY:

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OIL CONSERVATION DIVISION
SANTA FE

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

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S.G.S.	/	
operator	/	
and Office	/	

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

Indicate Type of Lease
STATE FEE

5.a State Lease No.
7. Unit Agreement Name

a. Type of Work Drill Deepen Plug Back

b. Type of Well Geothermal Producer Temp Observation
Low-Temp Thermal Injection/Disposal

8. Farm or Lease Name
State-TG

Name of Operator New Mexico State University
9. Well No. 22

Address of Operator Box 3E1
Las Cruces, New Mexico 88003
10. Field and Pool, or Wildcat
Wildcat

c. Location of Well UNIT LETTER N LOCATED 100 FEET FROM THE South LINE

ND 1650 FEET FROM THE West LINE OF SEC. 3 TWP. 22S RGE. 9W NMPM

12. County
Luna

19. Proposed Depth 300 ft.	19A. Formation Tertiary conglomerate & limestone conglomerate	20. Rotary or C.T. Rotary
18. Elevations (Show whether DF, RT, etc.) GL 4750 feet	21A. Kind & Status Plug. Bond Fireman's Fund *	21B. Drilling Contractor To be determined
		22. Approx. Date Work will start 20 July, 1981

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
4-inch	1-1/2 inch PVC		300 feet	1	Surface

- Drilling fluid will be either mud or foam
- Drilling rig will be equipped with a down hole hammer
- PVC will be filled with fresh water and capped
- Temperature measurements will be made every week for 3 weeks and bi-annually thereafter if warranted
- Well will be abandoned and plugged after final use
- Well location will be restored

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 10-8-81
UNLESS DRILLING UNDERWAY

* Grindell and Rollings, Bond No. 6359020, Las Cruces, New Mexico
Well plugging bond, geothermal observation; approved, effective June 18, 1981

** Casing to be removed to at least three feet (3') below surface, to be cemented inside and outside, and covered with at least one foot (1') of cement plug in the hole.

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.
Richard L. Lohse Title Geothermal Field Engineer Date 6-12-81

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 7/10/81

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
 P. O. BOX 2088 SANTA FE 87501
 GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

RECEIVED
 JUN 24 1981
 OIL CONSERVATION DIVISION
 SANTA FE

Form G-102
 Adopted 10/17

All distances must be from the outer boundaries of the Section

Operator New Mexico State University		Lease State - TG	
Unit Letter N	Section 3	Township 22S	Range 9W
		County Luna	

Actual Footage Location of Well:
100 feet from the **South** line and **1650** feet from the **West** line

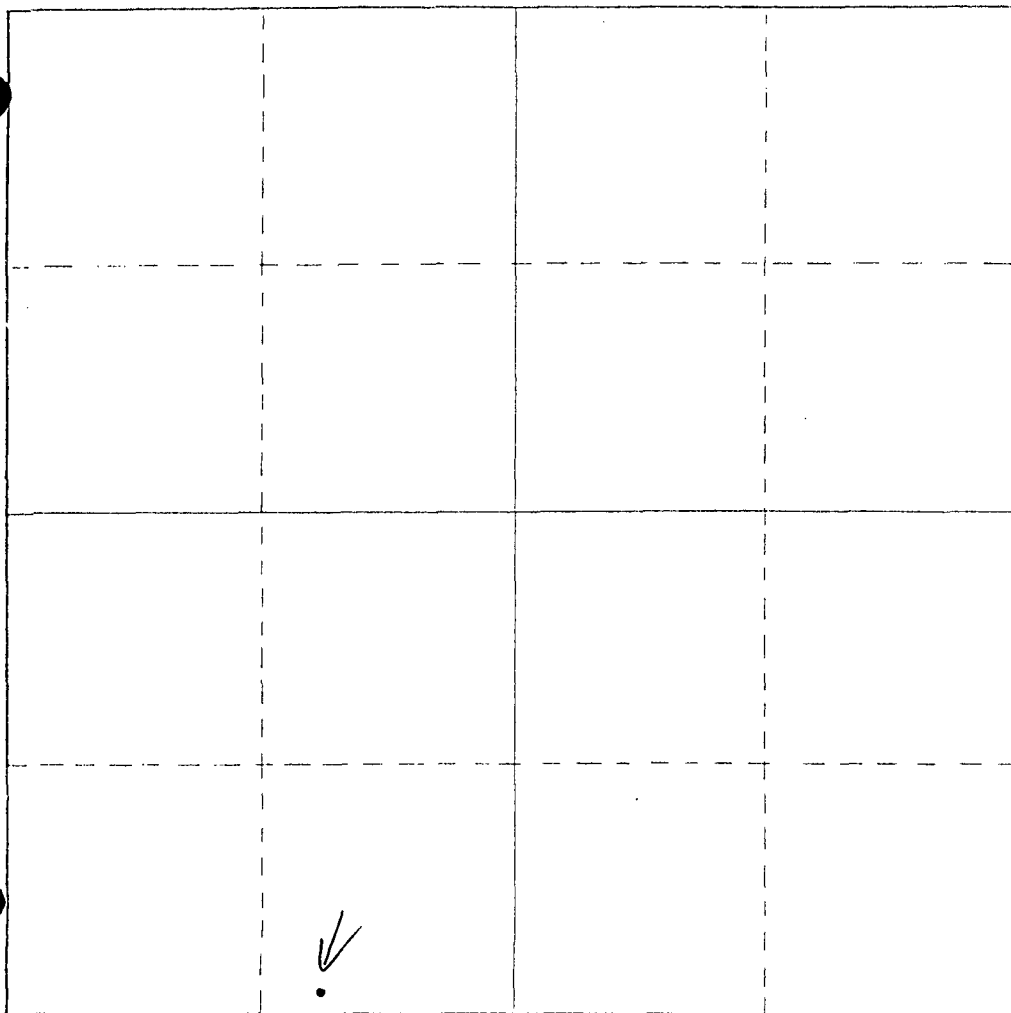
Ground Level Elev. 4750 feet	Producing Formation	Pool Wildcat	Dedicated Acreage: Acres
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1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline 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 Commission.



CERTIFICATION

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

Name *Richard L. Lohse*
 Position **Geothermal Field Engineer**
 Company **New Mexico Energy Inst.
 New Mexico State University**
 Date **6-12-81**

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. _____