

GTLT - ____2____

State-TG 20
UL: N 9-21S-10W
Luna County

Drilled ~ 8/1981

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

**SUNDRY 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.

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. 20
4. Location of Well Unit Letter N 300 Feet From The South Line and 1750 Feet From The West Line, Section 9 Township 21S Range 10W NMPM.	10. Field and Pool, or Wildcat Wildcat
15. Elevation (Show whether DF, RT, GR, etc.) GL 4900 ft.	12. County Luna

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

NOTICE OF INTENTION TO:

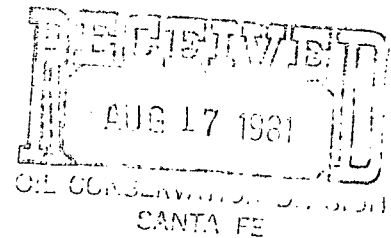
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	
PULL OR ALTER CASING <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
OTHER <input type="checkbox"/>	

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.

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 Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 8/21/81

CONDITIONS OF APPROVAL, IF ANY:

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P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
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15. Elevation (Show whether DF, RT, GR, etc.)
GL 4900 ft.

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

NOTICE OF INTENTION TO:

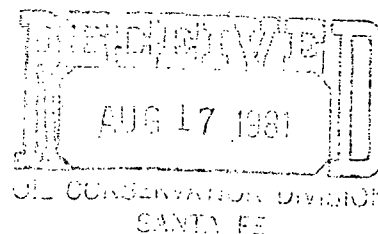
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
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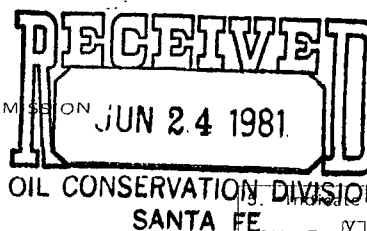


I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Richard L. Lonse TITLE Geothermal Field Engineer DATE 8-10-81APPROVED BY Carl Wilcox TITLE SENIOR PETROLEUM GEOLOGIST DATE 8/21/81

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
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operator	/	
and Office	/	
BLM	/	

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK--GEOTHERMAL RESOURCES WELL

1. Type of Work	Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	2. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. 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"/>	5.a State Lease No.
Name of Operator				New Mexico State University	
Address of Operator				Box 3EI Las Cruces, New Mexico 88003	
Location of Well				UNIT LETTER <u>N</u> LOCATED <u>300</u> FEET FROM THE <u>South</u> LINE	
ND <u>1750</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>9</u> TWP. <u>21S</u> RGE. <u>10W</u> NMPM				7. Unit Agreement Name	
				8. Farm or Lease Name State-TG	
				9. Well No. 20	
				10. Field and Pool, or Wildcat Wildcat	
				12. County Luna	
				19. Proposed Depth 300 ft.	
				19A. Formation Quaternary Alluvium	
				20. Rotary or C.T. Rotary	
1. Elevations, (Show whether DF, RT, etc.) GL 4900 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		300 feet	1	Surface
	PVC				

- 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.

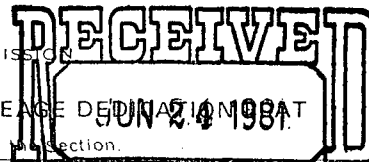
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed 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:



GEOTHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

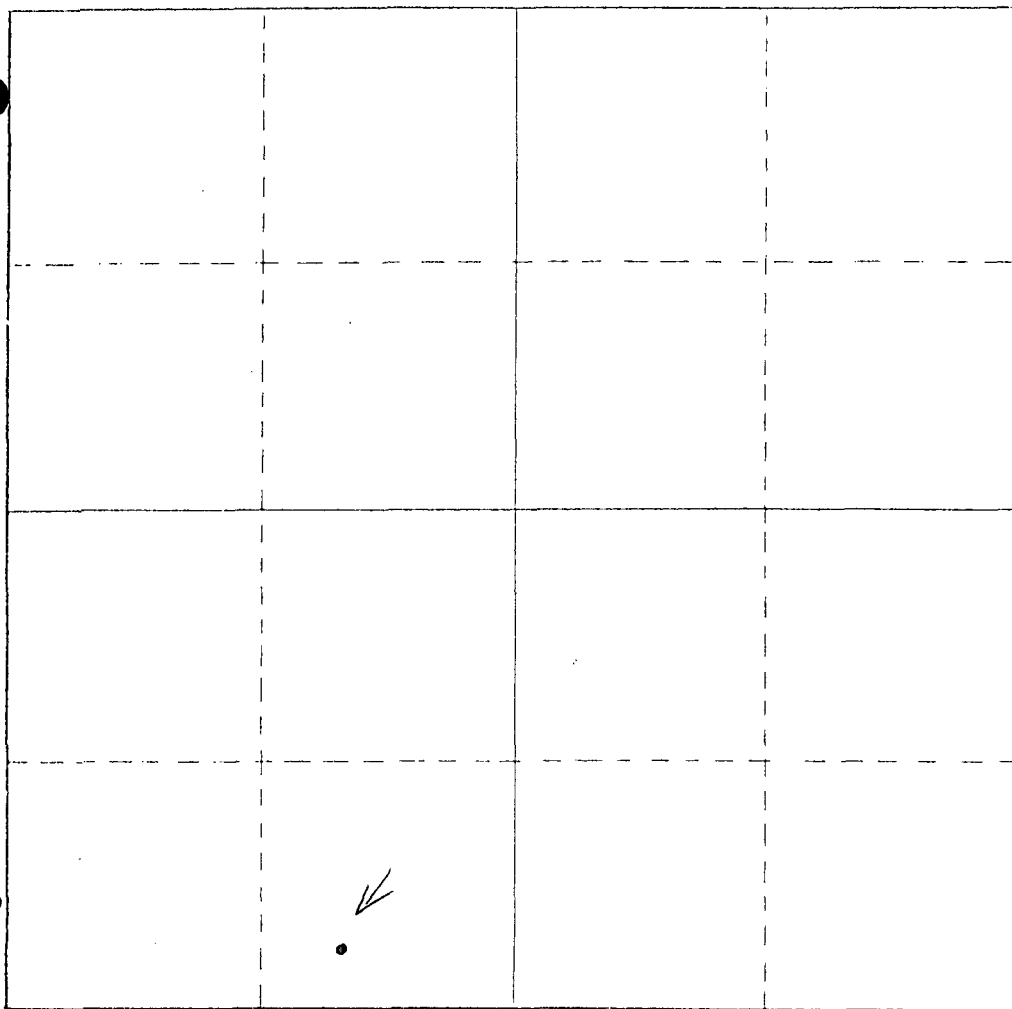
Operator New Mexico State University			Lease State - TG			OIL CONSERVATION DIVISION No. 20		
Unit Letter N	Section 9	Township 21S	Range 10W	County Luna				
Actual Footage Location of Well: 300 feet from the South line and 1750 feet from the West line								
Ground Level Elev. 4900 feet	Producing Formation		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 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.

