

**GTLT - \_\_\_\_\_ 10 \_\_\_\_\_**

**Hunt Energy Corporation  
32-28S-1W  
Dona Ana County**

**1412 & 1463**

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U.S.G.S.	1
Operator	1
Land Office	1

NEW MEXICO OIL CONSERVATION COMMISSION  
P. O. Box 2088, Santa Fe 87501APPLICATION FOR PERMIT TO DRILL, DEEPEN,  
OR PLUG BACK--GEOTHERMAL RESOURCES WELL5. Indicate Type of Lease  
STATE ☒ FEE ☐

5.a State Lease No.

N.A.

7. Unit Agreement Name  
N.A.8. Farm or Lease Name  
N.A.9. Well No.  
141210. Field and Pool, or Wildcat  
N.A.12. County  
Dona Ana

1a. Type of Work Drill ☒ Deepen ☐ Plug Back ☐  
b. Type of Well Geothermal Producer ☐ Temp Observation ☒  
Low-Temp Thermal ☐ Injection/Disposal ☐  
2. Name of Operator HUNT ENERGY CORPORATION  
3. Address of Operator 2500 First National Bank Bldg., Dallas, Texas 75202  
4. Location of Well UNIT LETTER 0 LOCATED 2500 FEET FROM THE East LINE  
AND 500 FEET FROM THE South LINE OF SEC. 32 TWP. 28 S. RGE. 1 W. NMPM

19. Proposed Depth  
2000 feet19A. Formation  
--20. Rotary or C.T.  
Rotary21. Elevations (Show whether DF, RT, etc.)  
4150 feet

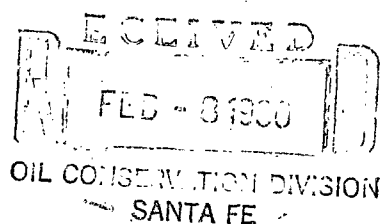
21A. Kind &amp; Status Plug. Bond

21B. Drilling Contractor  
GeoThermal Services, Inc.22. Approx. Date Work will start  
January 1980

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	7" O.D.	20#	200'	100	
6"	2" I.D.	4#	2000'	-	

(See Enclosed Plan of Operation #1-80-2000)

COLLECT AND SACK SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALSAPPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 6-5-80  
UNLESS DRILLING UNDERWAY

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 Barry Williams Title Project SupervisorDate 2/1/80

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGISTDATE 3/7/80

CONDITIONS OF APPROVAL, IF ANY:

**GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT**

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

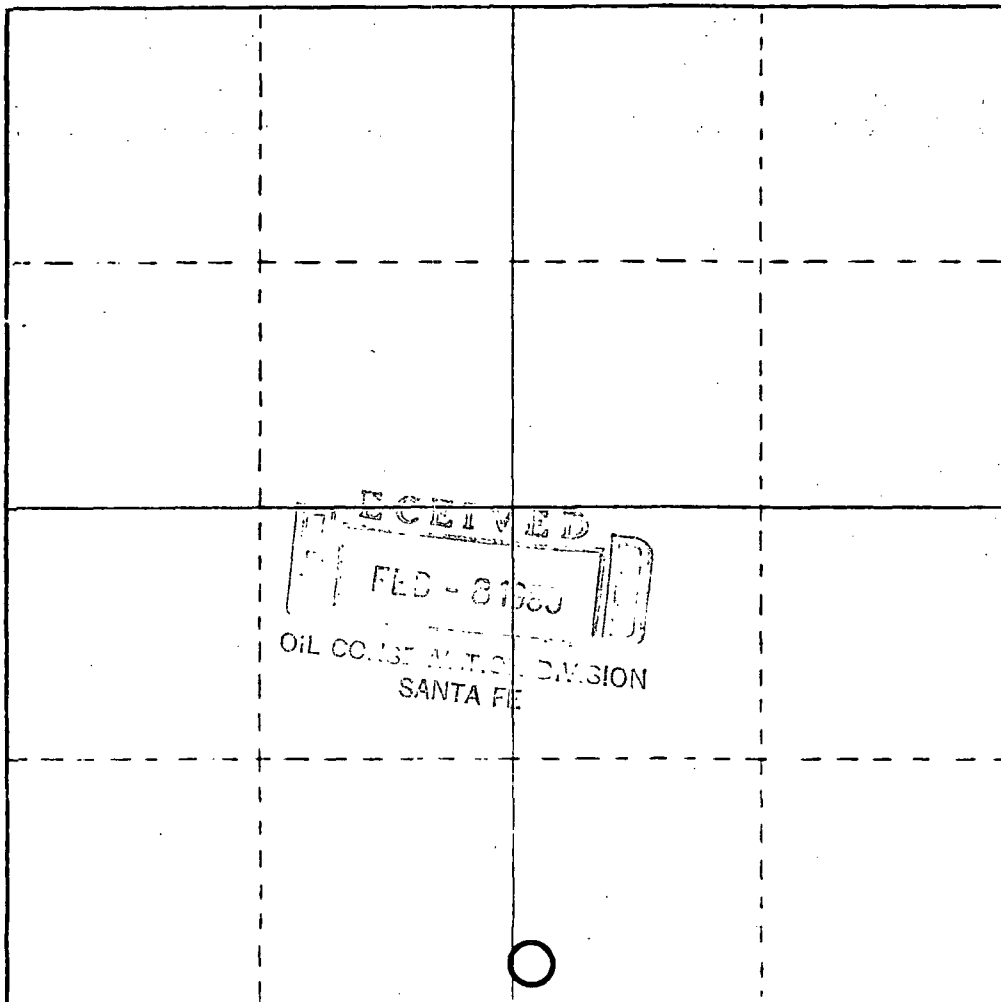
Operator <b>HUNT ENERGY CORPORATION</b>			Lease <b>N.A.</b>		Well No. <b>1412</b>
Unit Letter <b>0</b>	Section <b>32</b>	Township <b>28 S.</b>	Range <b>1 W.</b>	County <b>DONA ANA</b>	
Actual Footage Location of Well: <b>2500</b> feet from the <b>East</b> line and <b>500</b> feet from the <b>South</b> line					
Ground Level Elev. <b>4150'</b>	Producing Formation <b>--</b>		Pool <b>N.A.</b>	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.*

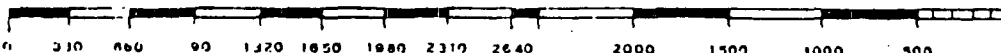
Name *Barry Williams*  
Position **Project Supervisor**  
Company **GeoThermal Services, Inc.**  
Date **January 1980**

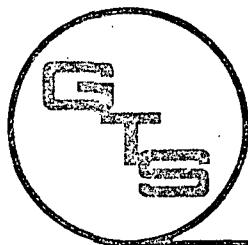
*I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.*

Date Surveyed \_\_\_\_\_

Registered Professional Engineer  
and/or Land Surveyor

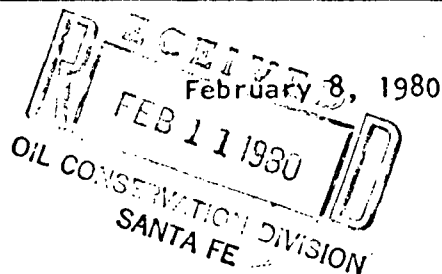
Certificate No. \_\_\_\_\_





## GEO THERMAL SERVICES, INC.

10072 WILLOW CREEK ROAD, SAN DIEGO, CALIFORNIA 92131 • (714) 566-4520



State of New Mexico Oil  
Conservation Commission  
Geothermal Division  
P.O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Carl Ulvog

Dear Mr. Ulvog;

Per our telephone conversation of February 8, 1980, please make the following additions to the G-101 forms submitted February 5, 1980:

- 1). Holes 1114, 1172 and 1173 are on fee land owned by Mr. R.S. Hayner of Radium Springs, New Mexico.
- 2). Holes 1412, 1455, 1461, 1463, 1468 and 1489 are all on state land.

If you have any other questions or need further information, please give me a call.

Sincerely,

Barry V. Williams  
Project Supervisor

## NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2086, Santa Fe 87501

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

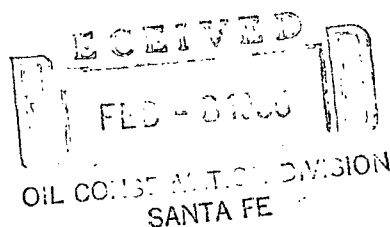
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DISTRIBUTION	
F.M.	/
N.M.B.M.	/
U.S.G.S.	/
Operator	/
Land Office	/

5. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input type="checkbox"/>
5.a State Lease No.
N.A.
7. Unit Agreement Name
N.A.
8. Farm or Lease Name
N.A.
9. Well No.
1463
10. Field and Pool, or Wildcat
N.A.
12. County
Dona Ana
19. Proposed Depth
2000 feet
19A. Formation
--
20. Rotary or C.T.
Rotary
21. Elevations (Show whether DF, RT, etc.)
4135 feet
21A. Kind & Status Plug. Bond
21B. Drilling Contractor
GeoThermal Services, Inc.
22. Approx. Date Work will start
January 1980

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
10"	7" O.D.	20#	200'	100	
6"	2" I.D.	4#	2000'	-	

(See Enclosed Plan of Operation #1-80-2000)

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NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALSAPPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 6-5-80  
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Signed Bryant Williams Title Project Supervisor Date 2/1/80

(This space for State Use)

APPROVED BY Carl Veloz TITLE SENIOR PETROLEUM GEOLOGIST DATE 3/7/80

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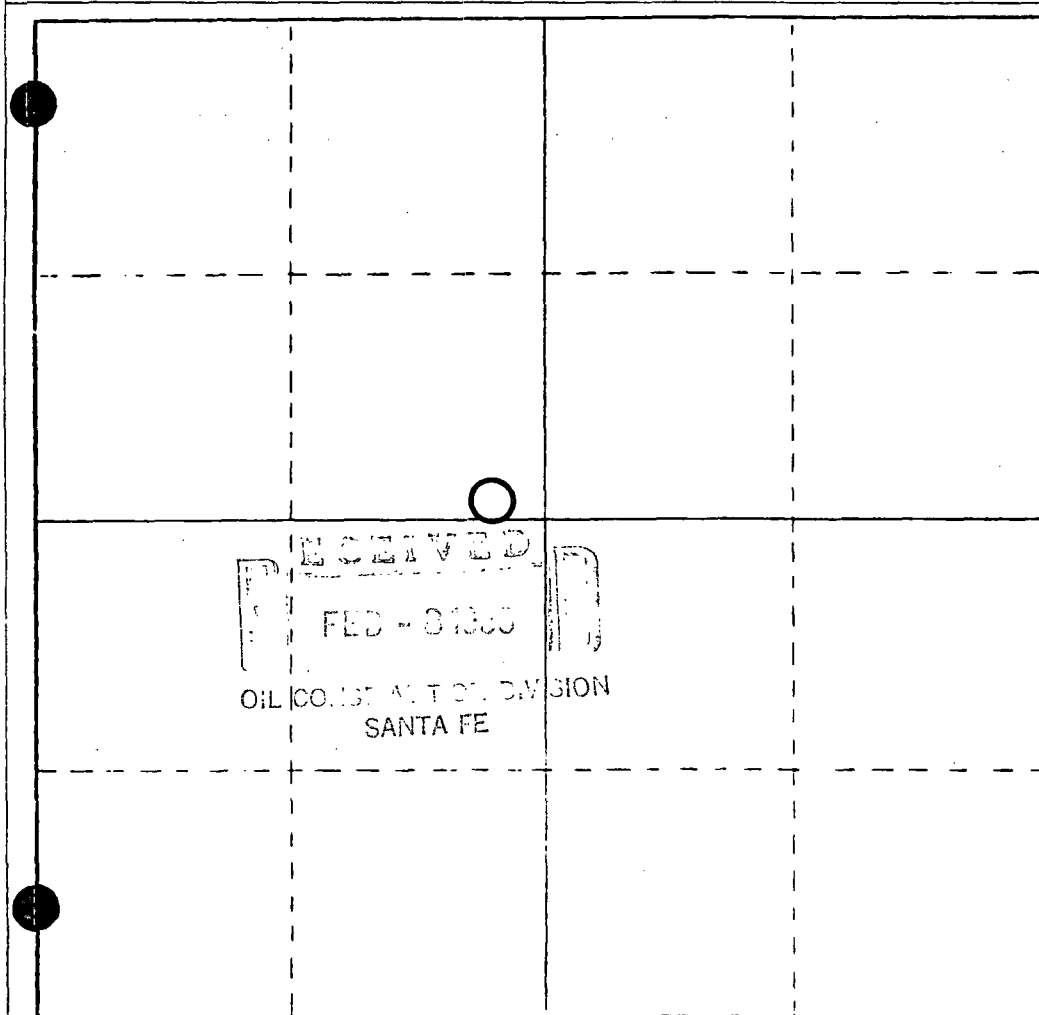
Operator <b>HUNT ENERGY CORPORATION</b>			Lease <b>N.A.</b>			Well No. <b>1463</b>		
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>28 S.</b>		Range <b>1 W.</b>	County <b>DONA ANA</b>			
Actual Footage Location of Well: <b>2200</b> feet from the <b>West</b> line and <b>2500</b> feet from the <b>North</b> line								
Ground Level Elev. <b>4135'</b>	Producing Formation <b>--</b>			Pool <b>N.A.</b>		Dedicated Acreage:  Acres		

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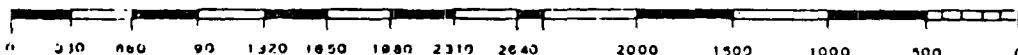
Name *Barry Williams*  
Position **Project Supervisor**  
Company **GeoThermal Services, Inc.**  
Date **January 1980**

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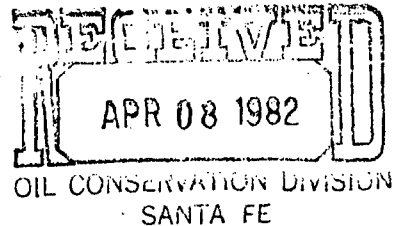
Date Surveyed \_\_\_\_\_

Registered Professional Engineer  
and/or Land Surveyor

Certificate No. \_\_\_\_\_



HUNT ENERGY CORPORATION  
2500 FIRST NATIONAL BANK BUILDING  
DALLAS, TEXAS 75202



April 9, 1982

New Mexico Oil Conservation Commission  
P.O. Box 2088  
Sante Fe, New Mexico 87501

ATTENTION: CARL ULVOG

Dear Mr. Ulvog:

re: NOTICE OF COMPLETION  
NEW MEXICO GEOTHERMAL  
PROSPECTS

In regard to our telephone conversation of April 1, 1982 please consider this letter a "Notice of Completion" for all holes equal to or less than 2,000 feet, permitted in the State of New Mexico on behalf of Hunt Energy Corporation.

Geothermal Services Inc. the drilling contractor for these holes, is no longer in service and our files are incomplete as to notices of intent and completion forms submitted by them. However, the holes drilled were abandoned according to proper procedure.

Attached are some completion forms that were submitted to the USGA. As for the hole numbers that you questioned, the results are as follows:

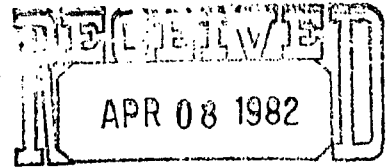
RADIUM SPRINGS	1114 ✓	Not drilled ✓
	1172	500 feet
	1173	Not drilled
RESTLESS	1412	500 feet
	1455	Not drilled
	1461	460 feet
	1463	Not drilled
	1468	Not drilled
	1489	Not drilled

Should you require additional information regarding this issue please call me at 214/748-1300.

Sincerely  
HUNT ENERGY CORPORATION  
*G. S. Bumgarner Jr.*  
G.S. Bumgarner Jr.  
GEOTHERMAL OPERATIONS

GSB:jv

**HUNT ENERGY CORPORATION**  
2500 FIRST NATIONAL BANK BUILDING  
DALLAS, TEXAS 75202



OIL CONSERVATION DIVISION  
SANTA FE

April 9, 1982

New Mexico Oil Conservation Commission  
P.O. Box 2088  
Sante Fe, New Mexico 87501

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HUNT ENERGY CORPORATION

*G. S. Bumgarner Jr.*  
G.S. Bumgarner Jr.  
GEOTHERMAL OPERATIONS

GSB:jv



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NOTICE OF COMPLETION OF GEOTHERMAL RESOURCE  
EXPLORATION OPERATIONS

Name HUNT ENERGY CORPORATION GEOTHERMAL DIVISION	Address (include zip code) 2500 First National Bank Bldg. Dallas, Texas 75202
--------------------------------------------------------	-------------------------------------------------------------------------------------

Pursuant to the Notice Number heretofore filed to conduct geothermal resource exploration operations,  
this is to


NOI #AGS-169-NM-20688

advise that such operations were completed (date) December 1980, on the lands described in the above  
identified notice.

All holes drilled on the prospect were abandoned according to the stipulations of the U.S. Geological Survey and the Bureau of Land Management by: a) back-filling the hole with mud and cuttings; b) cutting off the tubing below ground level; c) placing a cement plug from 10' to 6" below ground level; d) covering the hole with soil, and; e) restoring the site as nearly as possible to the original condition.

No salt or coal beds were detected.

No unusual or hazardous drilling conditions were encountered.

  
(Geophysical Operator's Signature)

10072 Willow Creek Road, San Diego, CA 92131

(Address, include zip code)

  
(Date)

Instructions: Submit original and one (1) copy of completed form to proper Bureau of Land Management Office. Insert Notice Number of Notice of Intent to Conduct Exploration Operation (Form 3200-2) which authorized the exploration completed.