

GTLT - _____ 10 _____

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

1412 & 1463

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

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

NO. OF COPIES RECEIVED		
DISTRIBUTION		
File	1	✓
N.M.B.M.	1	
U.S.G.S.	1	
Operator	1	
Land Office	1	

5. 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.
1412

10. 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 feet

19A. Formation
--

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
4150 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)

COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

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OIL CONSERVATION DIVISION
SANTA FE

APPROVAL 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 Supervisor Date 2/1/80

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 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.

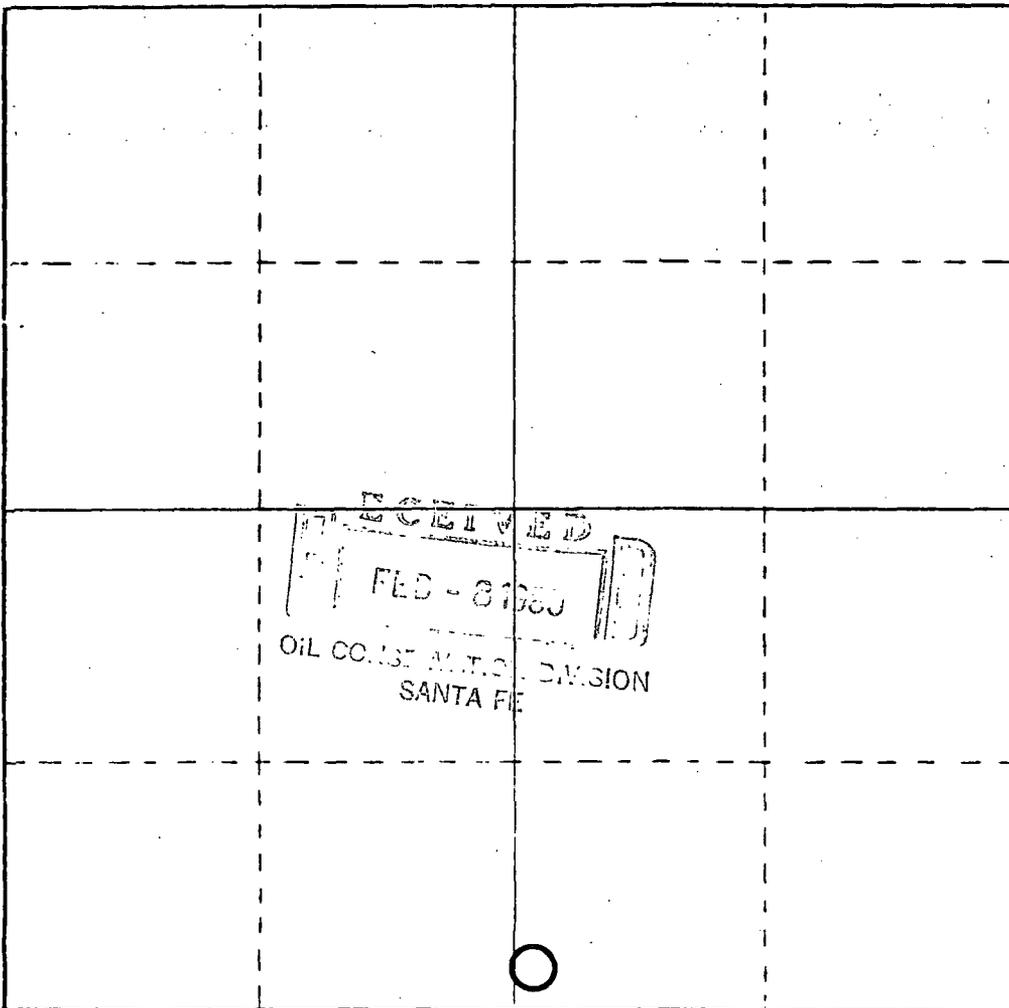
Operator HUNT ENERGY CORPORATION		Lease N.A.		Well No. 1412
Unit Letter 0	Section 32	Township 28 S.	Range 1 W.	County DONA ANA
Actual Footage Location of Well: 2500 feet from the East line and 500 feet from the South line				
Ground Level Elev. 4150'	Producing Formation --	Pool N.A.	Dedicated Acreage: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



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OIL CONSERVATION DIVISION
SANTA FE

CERTIFICATION

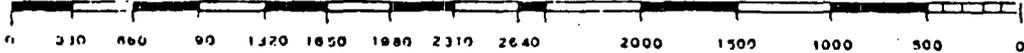
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

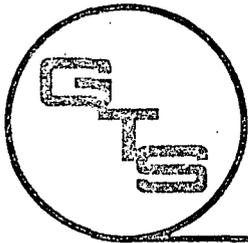
Name *Bruce Williams*
Position **Project Supervisor**
Company **GeoThermal Services, Inc.**
Date **January 1980**

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

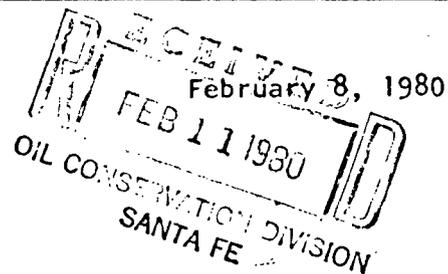
Certificate No. _____





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 2088, Santa Fe 87501

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

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DISTRIBUTION		
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N.M.B.M.	1	
U.S.G.S.	1	
Operator	1	
Land Office	1	

5. Indicate Type of Lease
STATE FEE
5.a State Lease No.
N.A.

1a. Type of Work Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>		7. Unit Agreement Name N.A.
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"/>		8. Farm or Lease Name N.A.
2. Name of Operator HUNT ENERGY CORPORATION		9. Well No. 1463
3. Address of Operator 2500 First National Bank Bldg., Dallas, Texas 75202		10. Field and Pool, or Wildcat N.A.
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>2200</u> FEET FROM THE <u>West</u> LINE AND <u>2500</u> FEET FROM THE NorthLINE OF SEC. 32 TWP. 28 S. RGE. 1 W. NMPM		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 INTERVALS

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 6-5-80
UNLESS DRILLING UNDERWAY

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I hereby certify that the information above is true and complete to the best of my knowledge and belief.
Signed Ernest Williams Title Project Supervisor Date 2/1/80

(This space for State Use)

APPROVED BY Carl Uevog TITLE SENIOR PETROLEUM GEOLOGIST DATE 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.

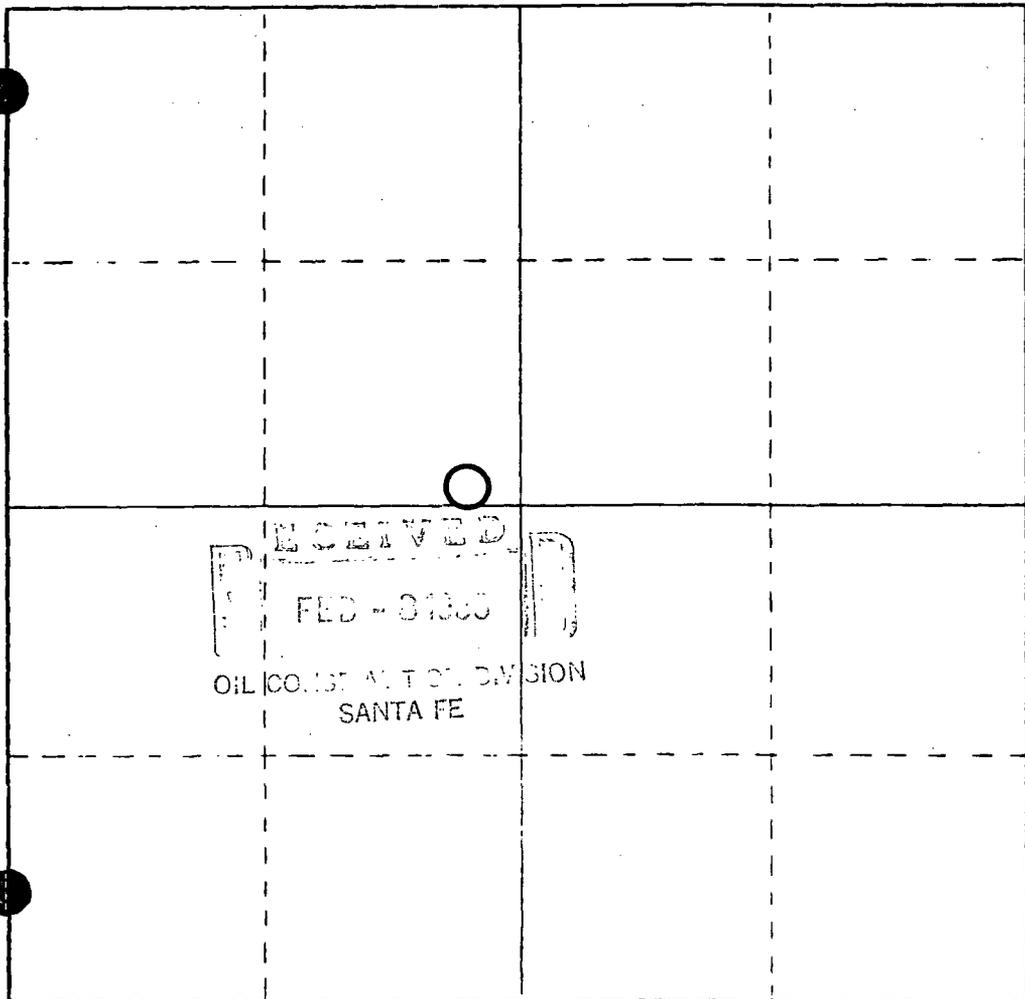
Operator HUNT ENERGY CORPORATION			Lease N.A.			Well No. 1463		
Unit Letter F	Section 32	Township 28 S.	Range 1 W.	County DONA ANA				
Actual Footage Location of Well: 2200 feet from the West line and 2500 feet from the North line								
Ground Level Elev. 4135'	Producing Formation --		Pool N.A.			Dedicated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

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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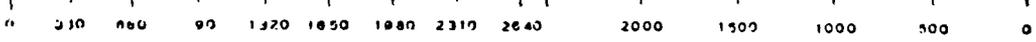
CERTIFICATION

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

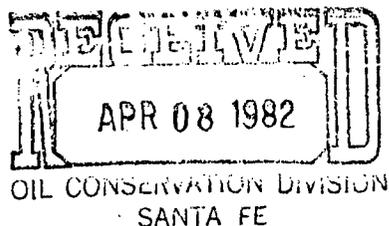
Name	<i>Barry Williams</i>
Position	Project Supervisor
Company	GeoThermal Services, Inc.
Date	January 1980

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.	



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:

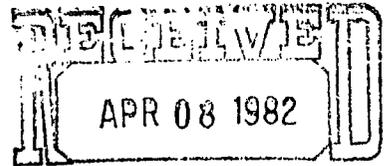
RADIUM SPRINGS	1114 ✓	Not drilled ✓
	1172	500 feet
	1173	Not drilled
RESTLESS	1412	500 feet
	1455	Not drilled
	1461	460 feet
	1463	Not drilled
	1468	Not drilled
	1489	Not drilled

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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	1172	500 feet
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Sincerely
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.