

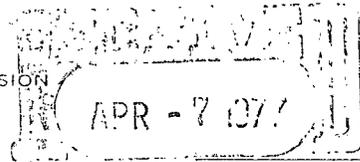
GTLT - _____8_____

**(2-27)-24S-19W
Aminoil USA, Inc.
(Hidalgo County)**

**GTR-211 NMA-9; GTR-94
NMA-4; NMA-11; NMA-5;
GTR-97 NMA-6 &
GTR-102 NMA-7**

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Operator	1	
Land Office	1	

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



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

OIL CONSERVATION

5. Indicate Type of Lease
STATE FEE

5.a State Lease No.
GTR-211

BLM 1

1a. Type of Work Drill Deepen Plug Back
b. Type of Well Geothermal Producer Temp Observation
Low-Temp Thermal Injection/Disposal

7. Unit Agreement Name
--

8. Farm or Lease Name
--

2. Name of Operator
Aminoil USA, Inc.

9. Well No.
N. M. A. 9

3. Address of Operator
P. O. Box 11279, 1150 A Coddington Center
Santa Rosa, California 95406

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well UNIT LETTER --L LOCATED 1425 FEET FROM THE South LINE
AND 400 FEET FROM THE East LINE OF SEC. 2 TWP. 24 S RGE. 19 W NMPM

12. County
Hidalgo

21. Elevations (Show whether DF, RT, etc.)
4458 A. S. L. (GE)

19. Proposed Depth
500'

19A. Formation
Tertiary Volcanics

20. Rotary or C.T.
Rotary

21A. Kind & Status Plug. Bond
8073-83-26

21B. Drilling Contractor
Cason Drilling Co.

22. Approx. Date Work will start
April 1977

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T. D., with plug at bottom.
- 4) Fill annulus with bentonite gel and rock cuttings, upper 20 feet filled with cement.
- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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 D. R. Wall Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carol Wlog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

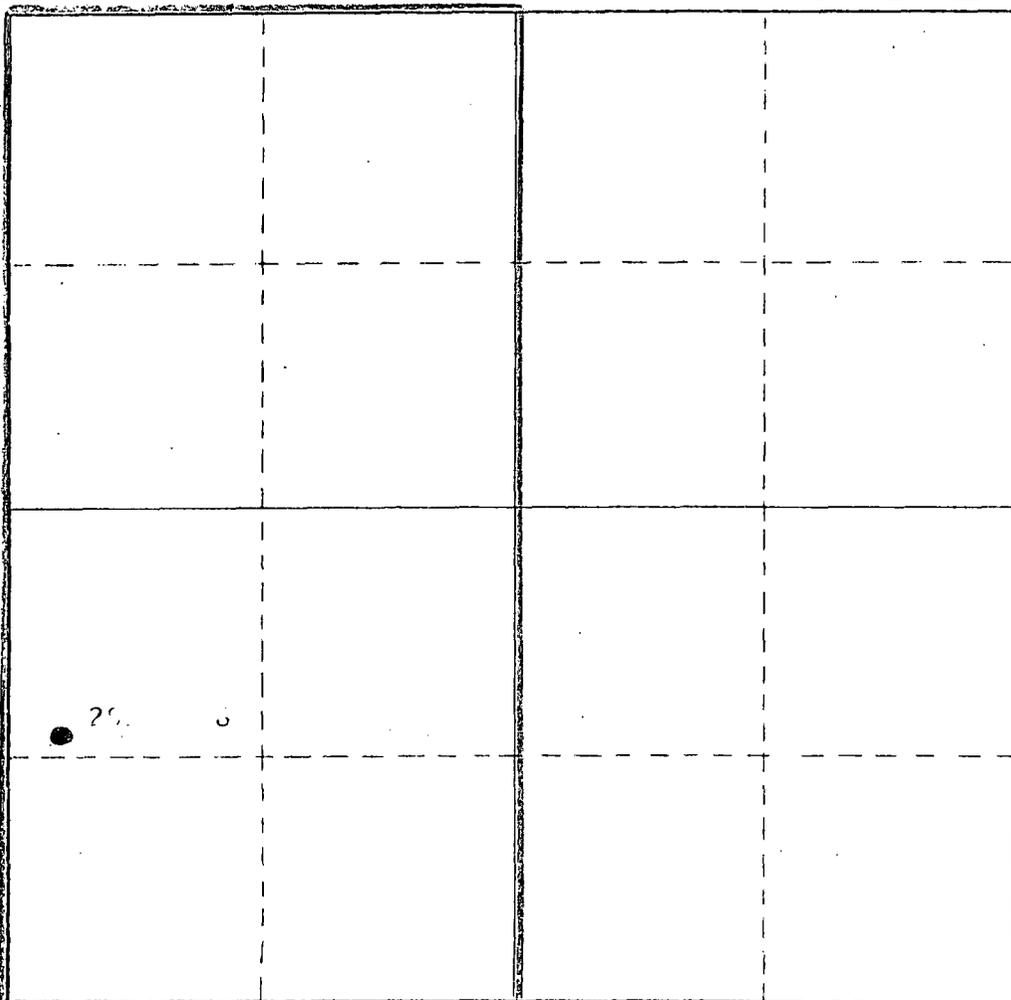
Operator Aminoil USA, Inc.			Lease Stat GTR-21128		Well No. N.M.A. 9
Unit Letter L--	Section 2	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1425 feet from the South line and 400 feet from the East line					
Ground Level Elev. 4458	Producing Formation --	Pool --	Dedicated 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.



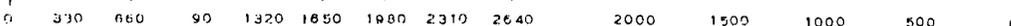
CERTIFICATION

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

Name D. R. Wall
Position District Geologist
Company Aminoil USA, Inc.
Date 3/9/77

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.



GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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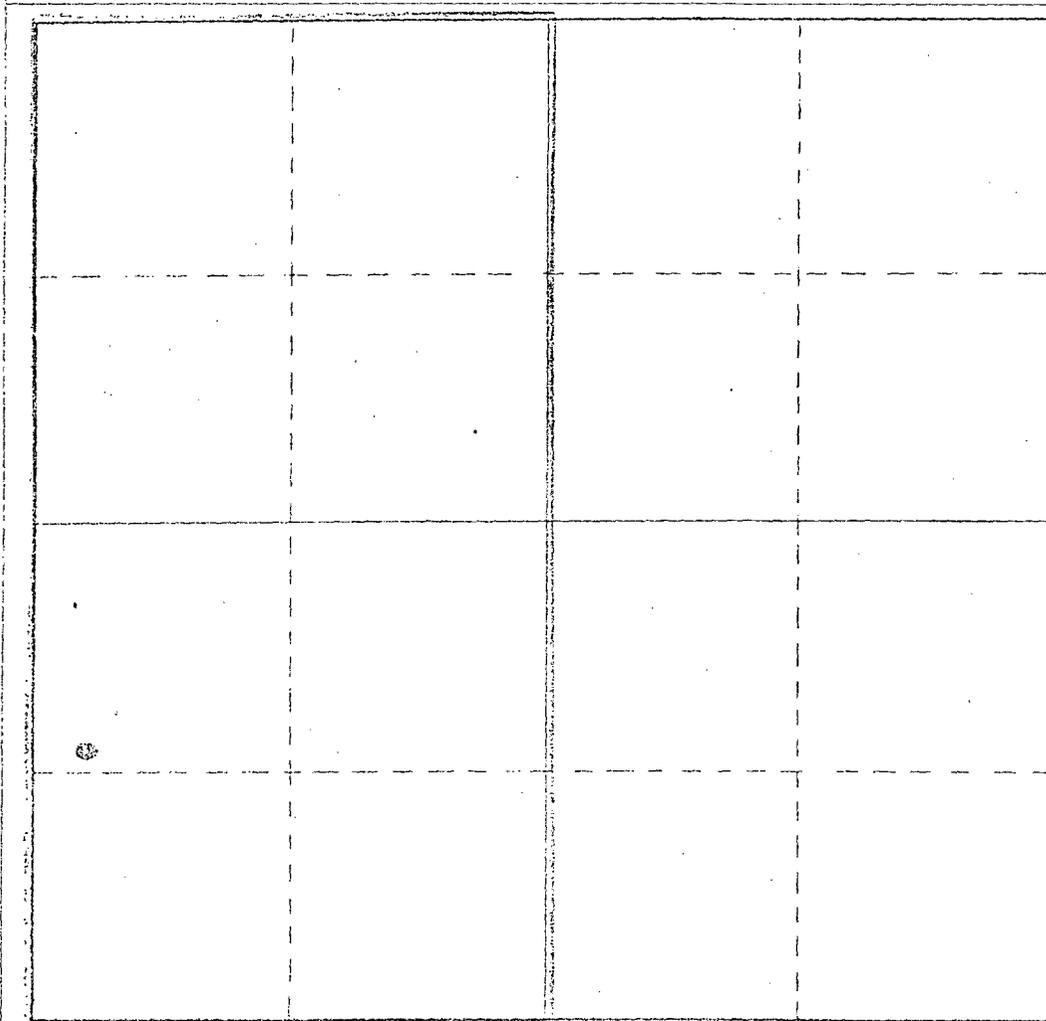
Operator Aminoil USA, Inc.		Lease GTR-211		Well No. N.M.A. 9	
Unit Letter L	Section 2	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1425 feet from the South line and 400 feet from the East line					
Ground Level Elev. 4458	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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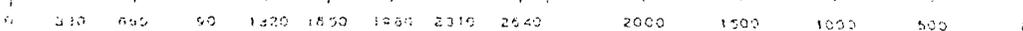
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Name **D. R. Wall**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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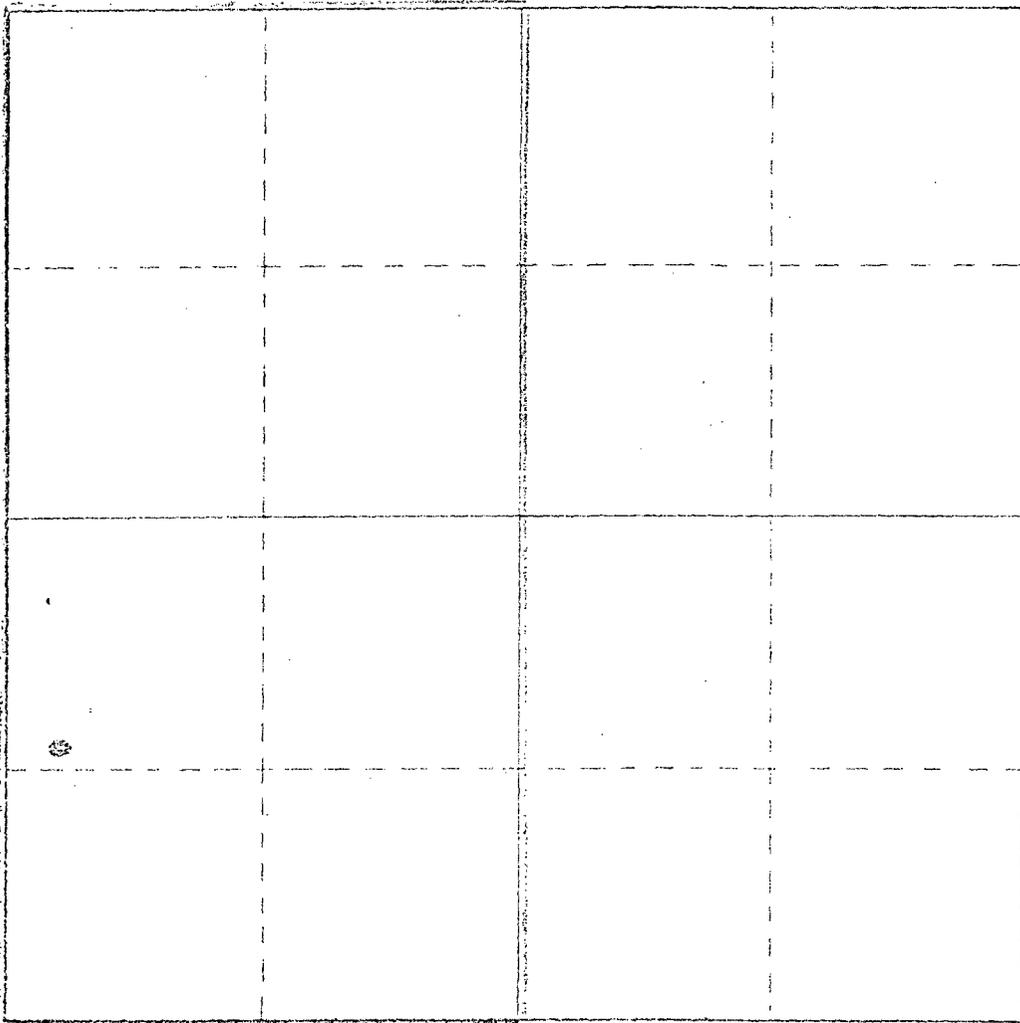
Operator Aminoil USA, Inc.		Lease GTR-211		Well No. N.M.A. 9	
Unit Letter L	Section 2	Township 24 S	Range 19 W	County Hidalgo	
Aerial Footage Location of Well: 1425 feet from the South line and 400 feet from the East line					
Ground Level Elev. 4458	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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CERTIFICATION

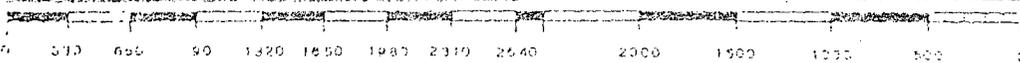
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **D. R. Wall**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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Date Surveyed _____
 Registered Professional Engineer and/or Land Surveyor

Certificate No. _____



GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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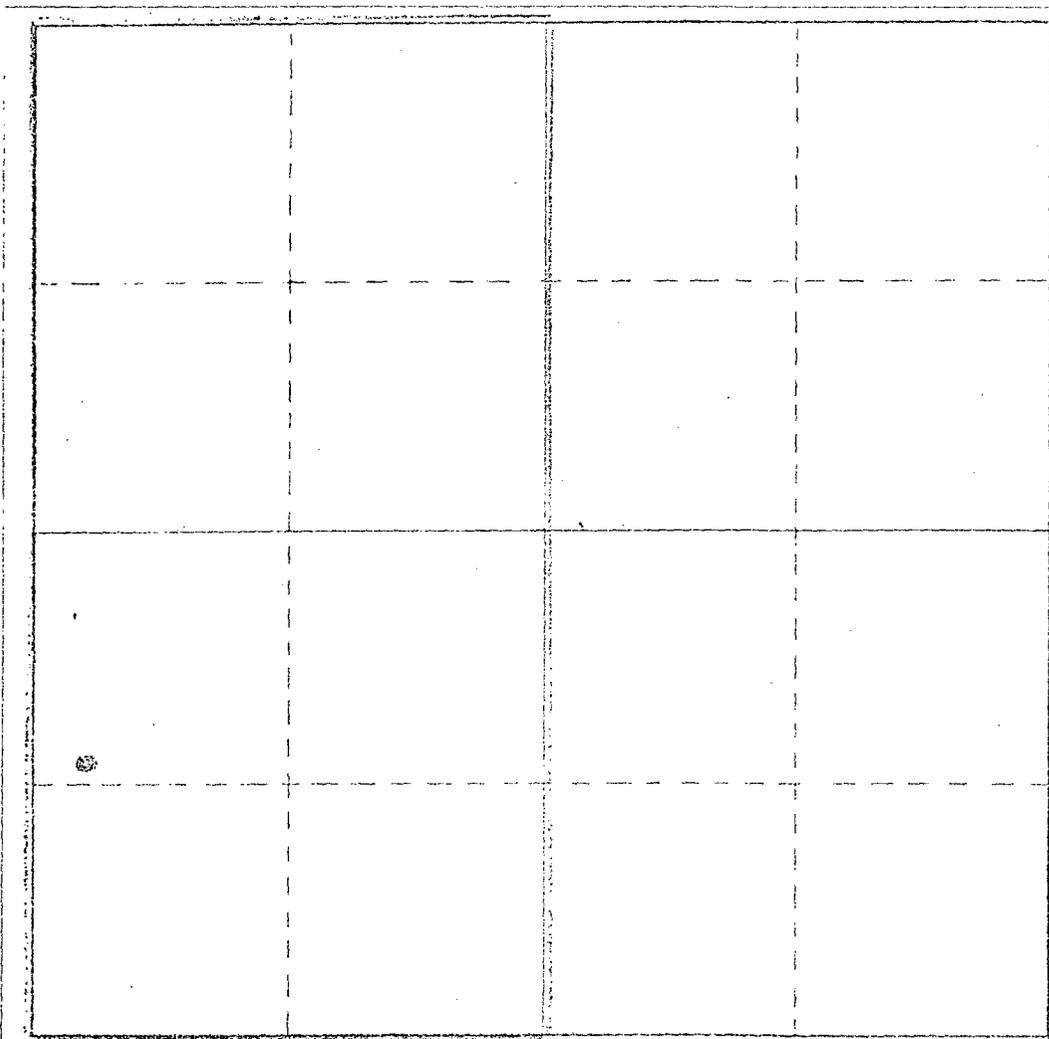
Operator Aminoil USA, Inc.		Lease GTR-211		Well No. N.M.A. 9	
Unit Letter L	Section 2	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1425 feet from the South line and 400 feet from the East line					
Ground Level Elev. 4458	Producing Formation --	Pool --		Dedicated Acreage: -- Acres	

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CERTIFICATION

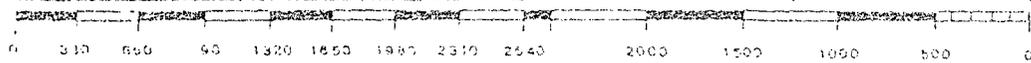
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **D. R. Walt**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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. _____



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

5. Indicate Type of Lease
STATE N.M. FEE

5a. State Lease No.
GTR-94

1a. Type of Work
Drill Deepen Plug Back

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

7. Unit Agreement Name
--

8. Farm or Lease Name
--

2. Name of Operator
Aminoil USA, Inc.

3. Address of Operator
P.O. Box 11279, 1150 A Coddington Center
Santa Rosa, California 95406

9. Well No.
N.M.A. 4

10. Field and Pool, or Wildcat
Wildcat

4. Location of Well
UNIT LETTER ---G LOCATED 1450 FEET FROM THE North LINE
AND 1400 FEET FROM THE East LINE OF SEC. 7 TWP. 24 S RGE. 19 W NMPM

12. County
Hildago

19. Proposed Depth
500'

19A. Formation
Tertiary Volcanics

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
4208 A.S.L. (GE)

21A. Kind & Status Plug. Bond
8073-83-26

21B. Drilling Contractor
Cason Drilling Co.

22. Approx. Date Work will start
April 1977

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surfact to T.D., with plug at bottom.
- 4) Fill annulus with bentonite gel and rock cuttings, upper 20 feet filled with cement.
- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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 D. R. Wall Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

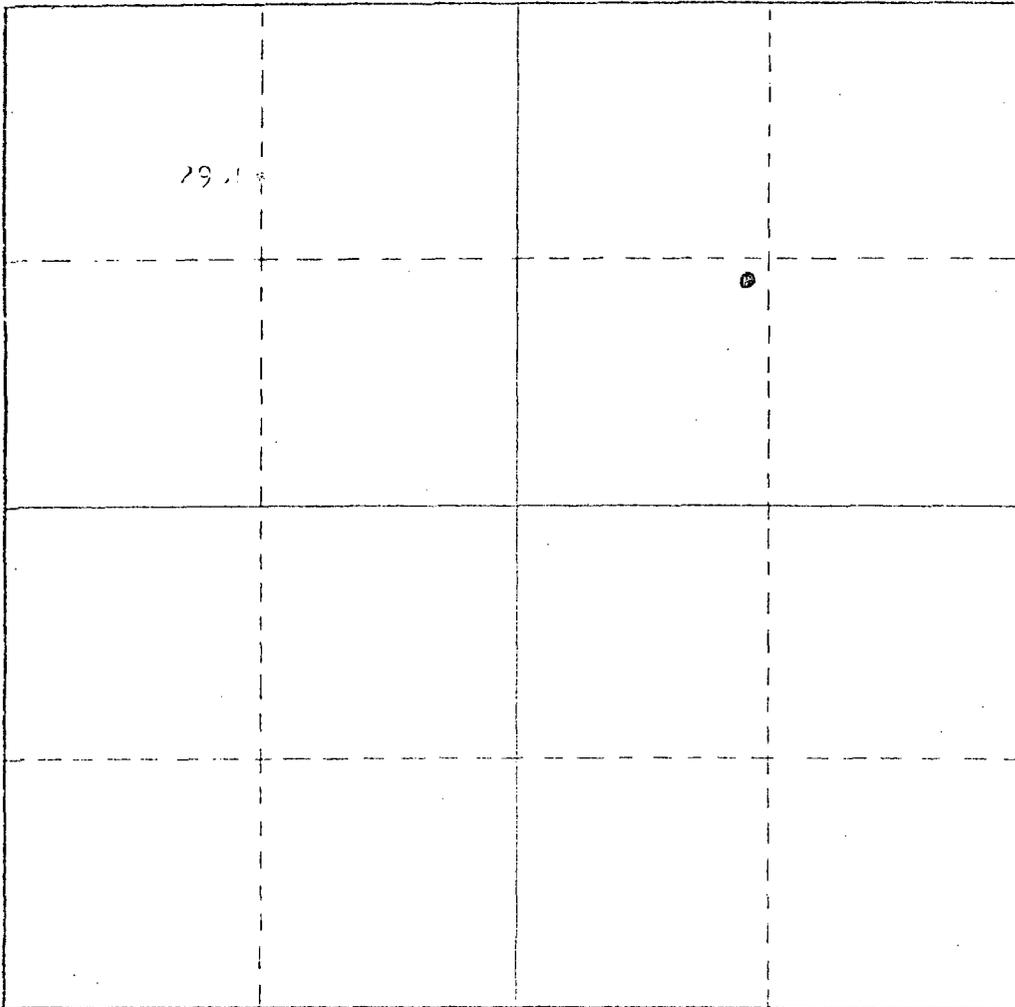
Operator Aminoil USA, Inc.		Lease GTR-294		Well No. N.M.A. 4	
Unit Letter G	Section 7	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1450 feet from the North line and 1400 feet from the East line					
Ground Level Elev. 4208 A.S.L.	Producing Formation --	Pool --	Dedicated Acreage: --		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.) _____

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CERTIFICATION

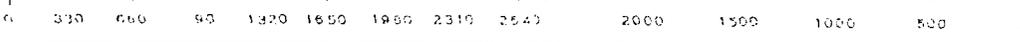
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **D. R. Wall**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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. _____



GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section. *A 10/17*

Operator Aminoil USA, Inc.		Lease GTR-94		Well No. N. M. A. 4	
Unit Letter G	Section 7	Township 24 S	Range 19 W	County Hidalgo	

Actual Footage Location of Well:
1450 feet from the **North** line and **1400** feet from the **East** line

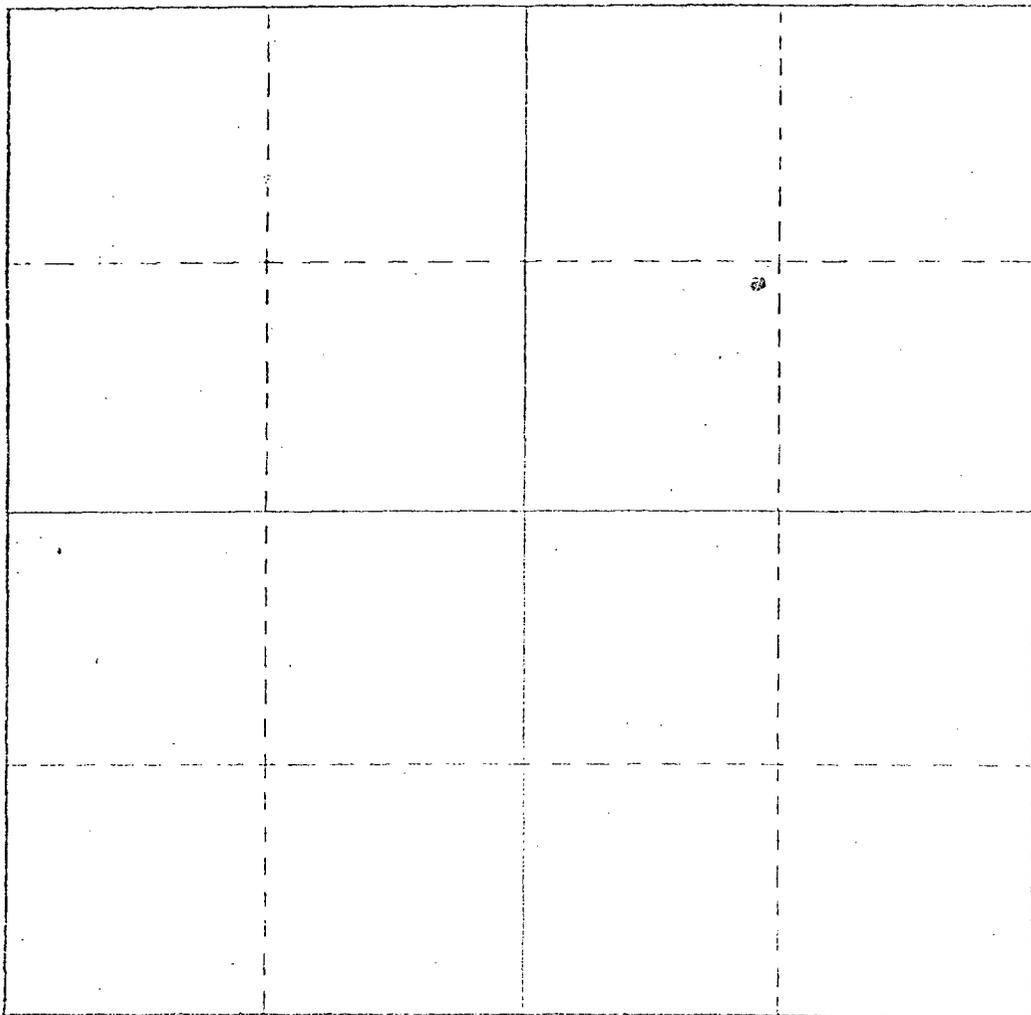
Ground Level Elev. 4208 A. S. L.	Producing Formation --	Pool --	Dedicated Acreage: -- Acres
--	---------------------------	------------	--------------------------------

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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	A. R. Wall
Position	District Geologist
Company	Aminoil USA, Inc.
Date	3/9/77

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. _____

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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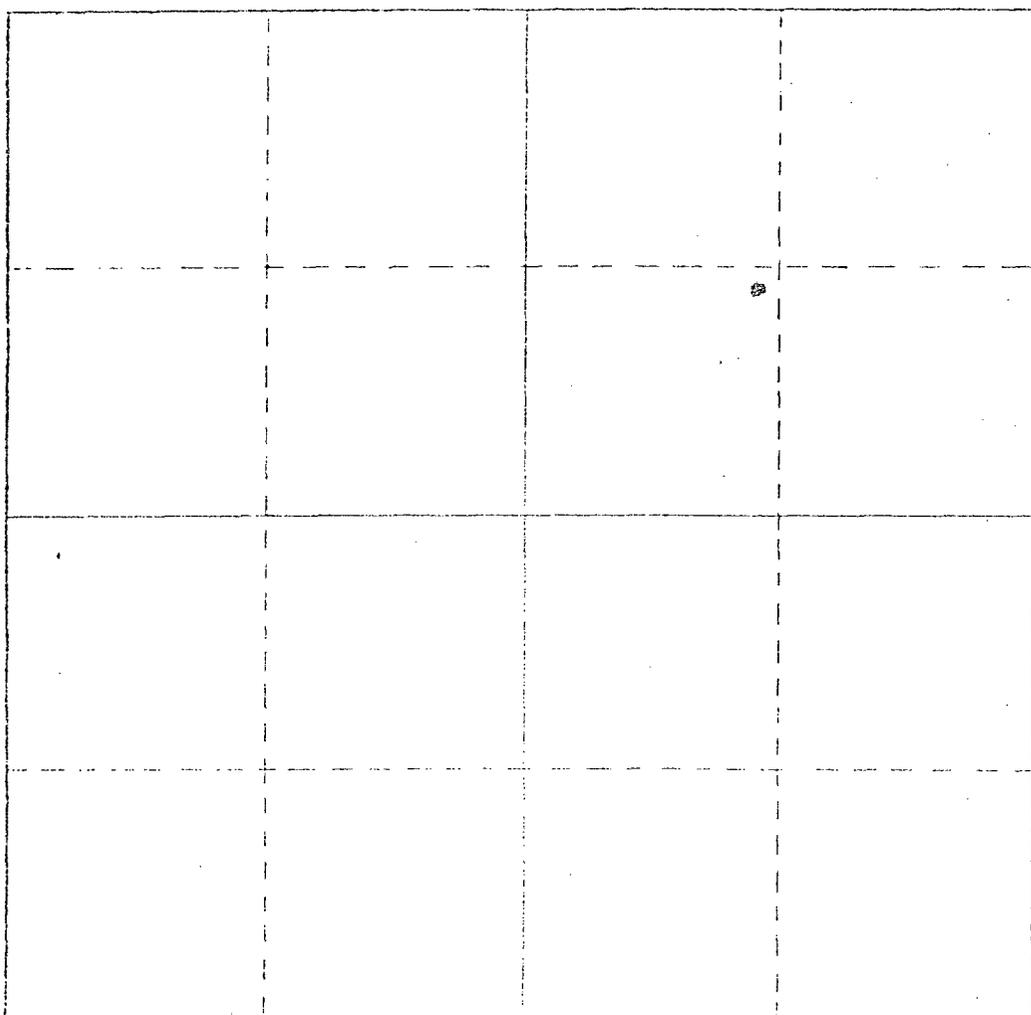
Operator Aminoil USA, Inc.		Lease GTR-94		Well No. N. M. A. 4	
Unit Letter G	Section 7	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1450 feet from the North line and 1400 feet from the East line					
Ground Level Elev. 4208 A.S.L.	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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Name **D. R. Wall**
Position **District Geologist**
Company **Aminoil USA, Inc.**
Date **3/9/77**

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Certificate No. _____

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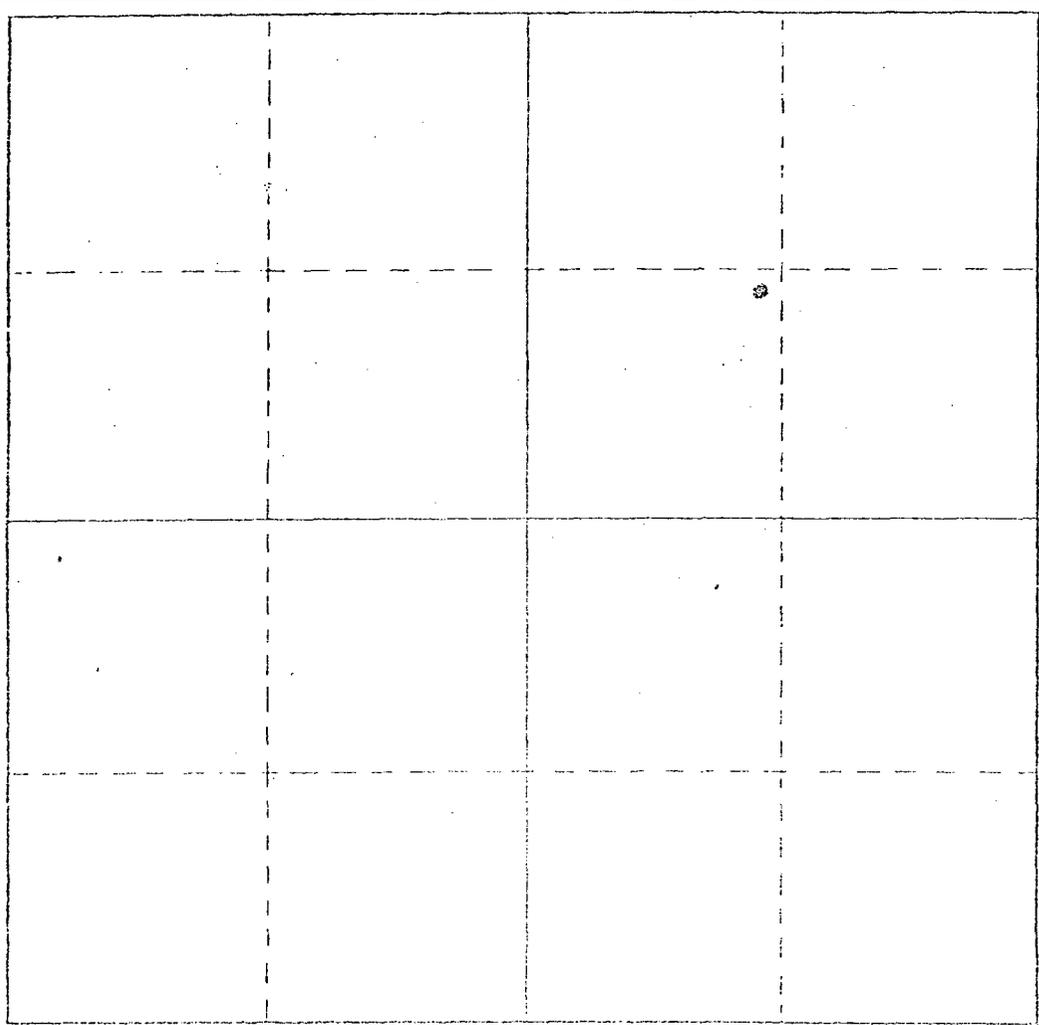
Operator Aminoil USA, Inc.		Lease GTR-94		Well No. N.M.A.4	
Unit Letter G	Section 7	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1450 feet from the North line and 1400 feet from the East line					
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Certificate No.	
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APR - 7 1977

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87504

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

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

5. Indicate Type of Lease
STATE FEE
5.a State Lease No.
2001 - 52

BLM 1

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 Aminoil USA, Inc.
3. Address of Operator P. O. Box 11279, 1150 A Coddington Center
Santa Rosa, California 95406
4. Location of Well UNIT LETTER --A LOCATED 1100 FEET FROM THE North LINE
AND 450 FEET FROM THE East LINE OF SEC. 18 TWP. 24 S RGE. 19 W NMPM
19. Proposed Depth 500'
19A. Formation Tertiary Volcanics
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4207 A.S.L. (GE)
21A. Kind & Status Plug. Bond 8073-83-27
21B. Drilling Contractor Cason Drilling Co.
22. Approx. Date Work will start April 1977

7. Unit Agreement Name --
8. Farm or Lease Name W. Kerr
9. Well No. N.M.A. -11
10. Field and Pool, or Wildcat Wildcat
12. County Hidalgo

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T.D., with plug at bottom.
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- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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Signed D.R. Wall Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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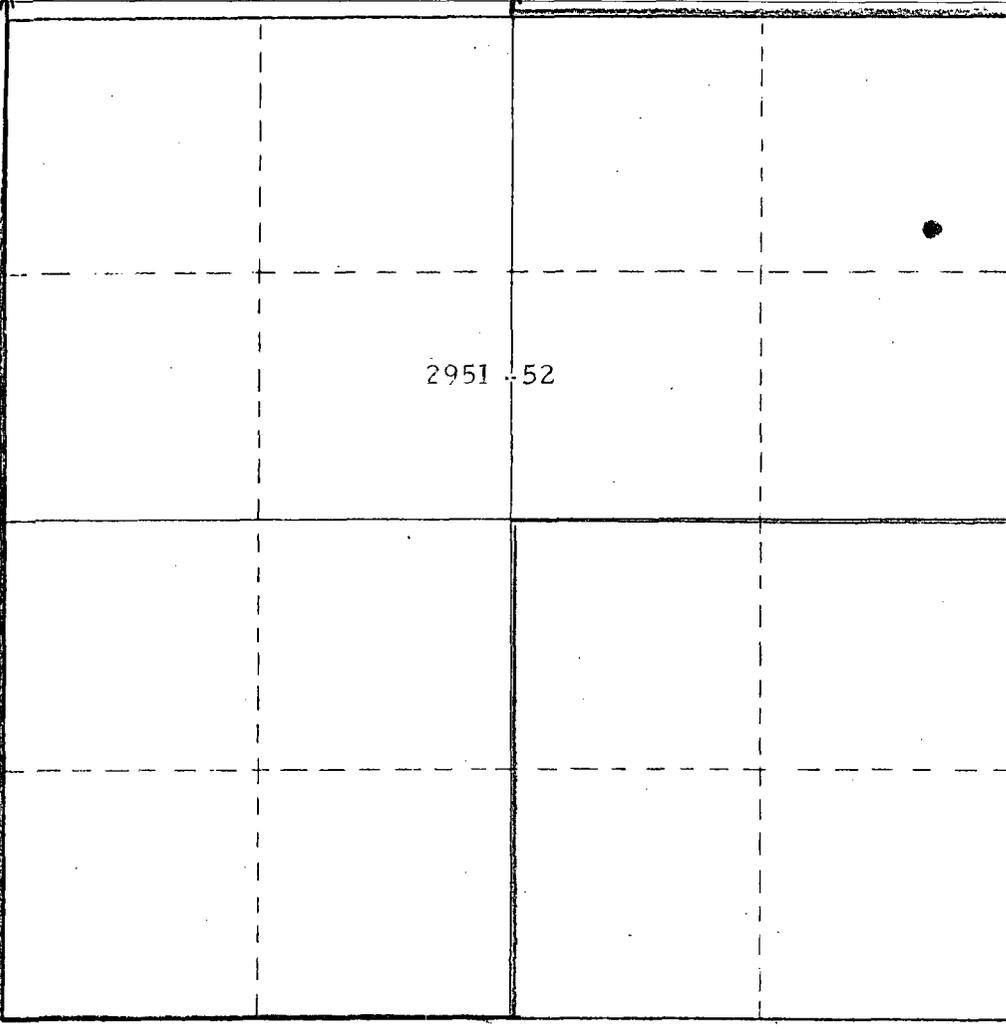
Operator Aminoil USA, Inc.			Lease Fee W. Kerr			Well No. N.M.A. -11		
Unit Letter A --	Section 18	Township 24 S	Range 19 W	County Hidalgo				
Actual Footage Location of Well: 1100 feet from the North line and 450 feet from the East line								
Ground Level Elev. 4207	Producing Formation --			Pool --			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).
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Name **D. R. Wall**

Position **District Geologist**

Company **Aminoil USA, Inc.**

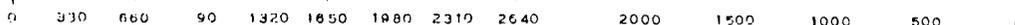
Date **3/9/77**

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. _____



GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator Aminoil USA, Inc.		Lease Fee W. Kerr		Well No. N.M.A.-11	
Unit Letter A	Section 18	Township 24 S	Range 19 W	County Hidalgo	

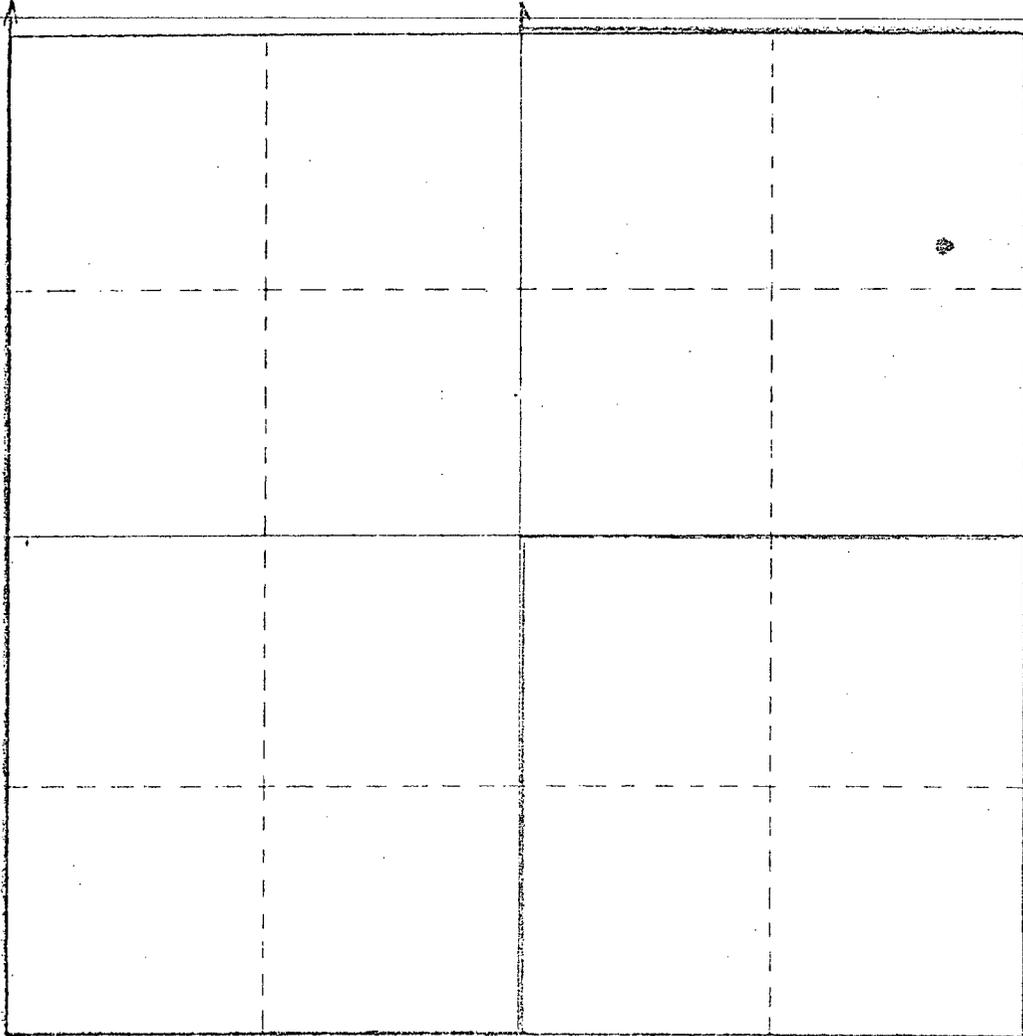
Actual Footage Location of Well:
1100 feet from the **North** line and **450** feet from the **East** line

Ground Level Elev. 4207	Producing Formation --	Pool --	Dedicated Acreage: -- Acres
-----------------------------------	----------------------------------	-------------------	---------------------------------------

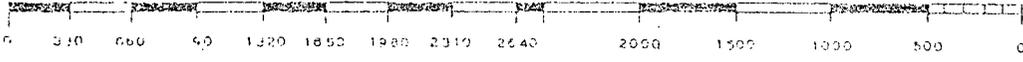
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2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
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 Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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CERTIFICATION
<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
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Position District Geologist
Company Aminoil USA, Inc.
Date 3/9/77
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Date Surveyed
Registered Professional Engineer and/or Land Surveyor
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GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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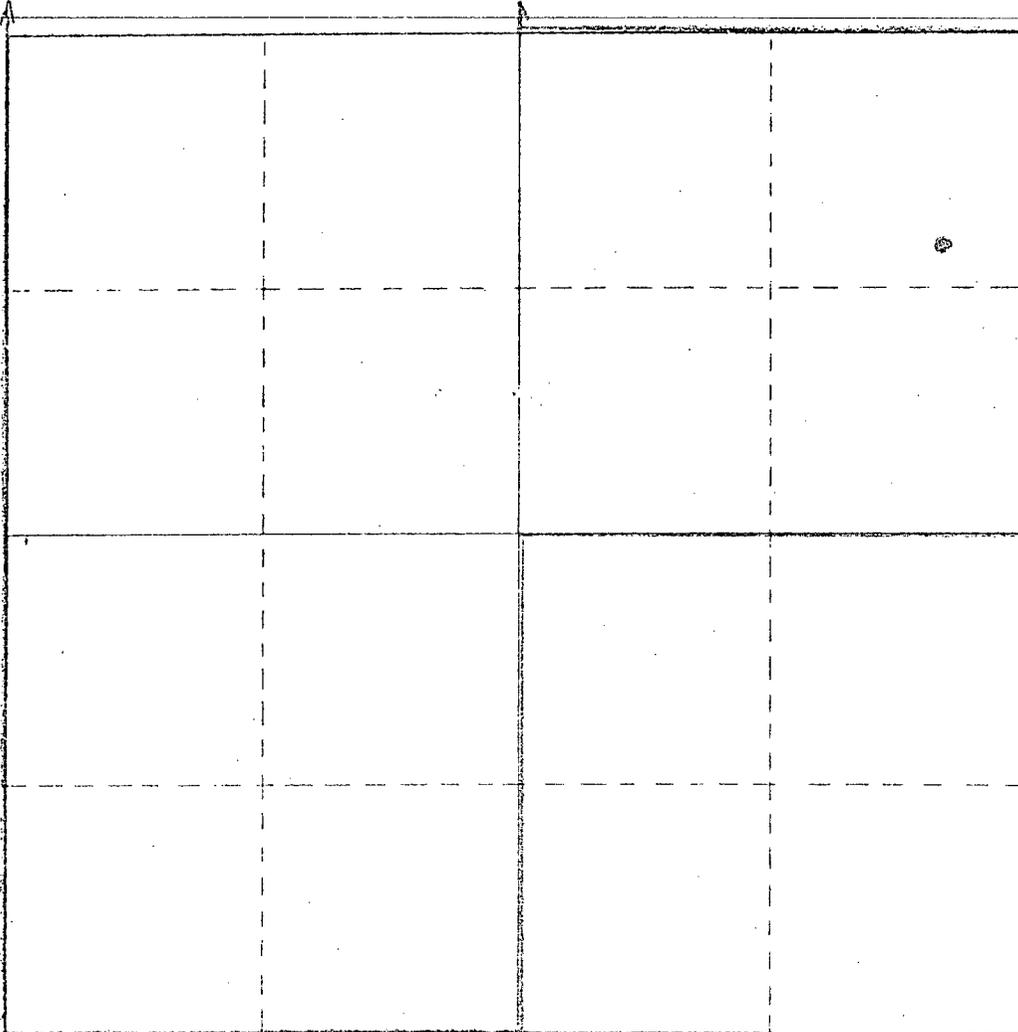
Operator Aminoil USA, Inc.		Lease Fee W. Kerr		Well No. N.M.A.-11	
Unit Letter A	Section 18	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1100 feet from the North line and 450 feet from the East line					
Ground Level Elev. 4207	Producing Formation --	Pool --		Dedicated Acreage: -- Acres	

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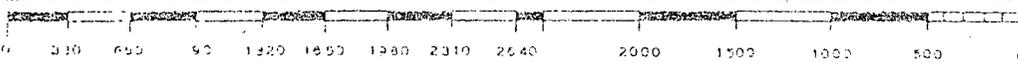
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Operator Aminoil USA, Inc.		Lease Fee W. Kerr		Well No. N. M. A. -11
Unit Letter A	Section 18	Township 24 S	Range 19 W	County Hidalgo

Actual Footage Location of Well:
1100 feet from the **North** line and **450** feet from the **East** line

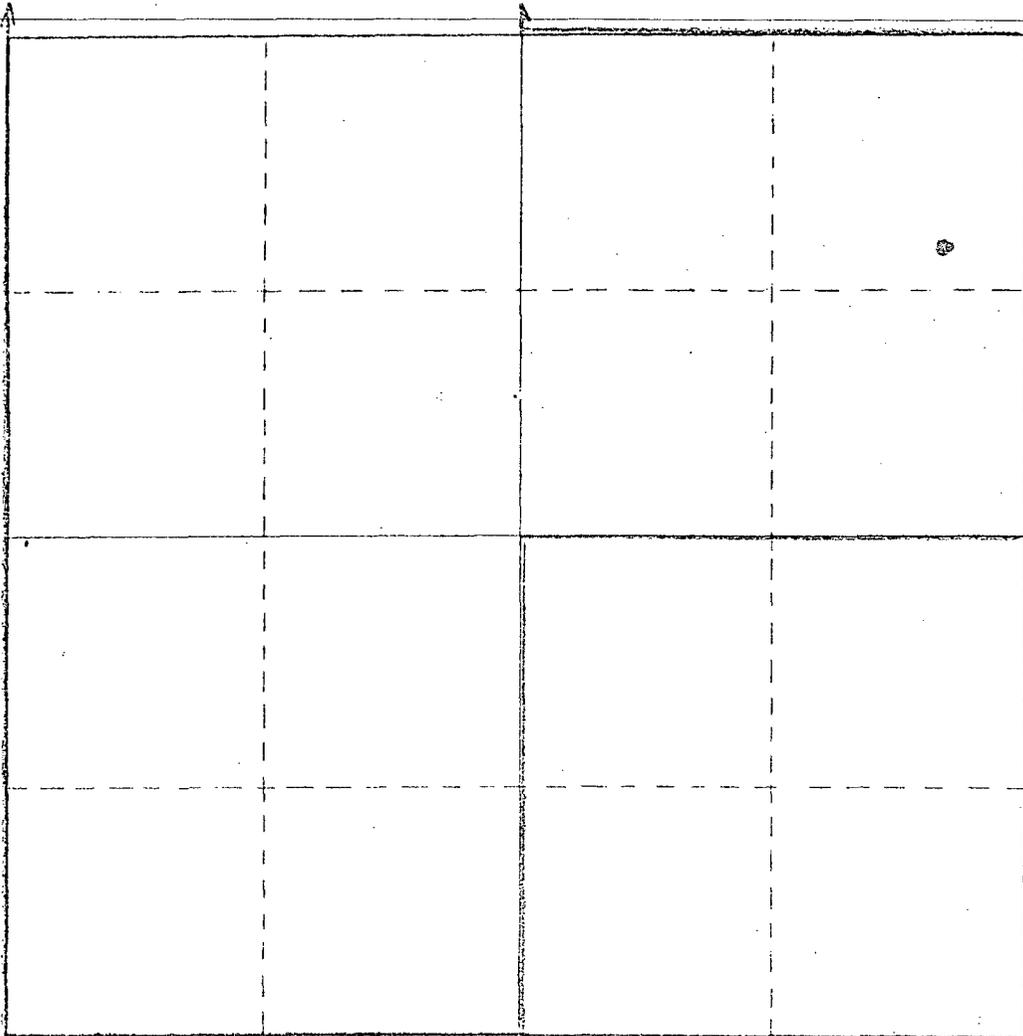
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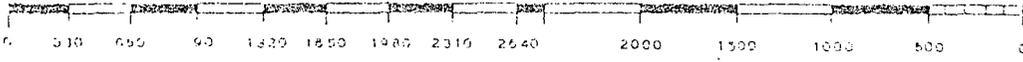


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Date	3/9/77

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Date Surveyed	
Registered Professional Engineer and/or Land Surveyor	
Certificate No.	



NO. OF COPIES RECEIVED	6
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File	2 ✓
N.M.B.M.	1
U.S.G.S.	1
Operator	1
Land Office	

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

APR - 7 1977

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

5. Indicate Type of Lease
STATE FEE
5.a State Lease No
PC 2951 - 58

BLM 1

1a. Type of Work Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>		7. Unit Agreement Name --	
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 C. E. Roark	
2. Name of Operator Aminoil USA, Inc.		9. Well No. N.M.A. 5	
3. Address of Operator P.O. Box 11279, 1150 A Coddington Center Santa Rosa, California 95406		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER -- K LOCATED 1875 FEET FROM THE South LINE AND 2150 FEET FROM THE West LINE OF SEC. 19 TWP. 24 S RGE. 19 W NMPM		12. County Hidalgo	
21. Elevations (Show whether DF, RT, etc.) 4196 A.S.L. (GE)		19. Proposed Depth 500'	19A. Formation Tertiary Volcanics
21A. Kind & Status Plug. Bond 8073-83-26	21B. Drilling Contractor Cason Drilling Co.	20. Rotary or C.T. Rotary	
		22. Approx. Date Work will start April 1977	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T.D., with plug at bottom.
- 4) Fill annulus with bentonite gel and rock cuttings, upper 20 feet filled with cement.
- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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 D.R. Wall Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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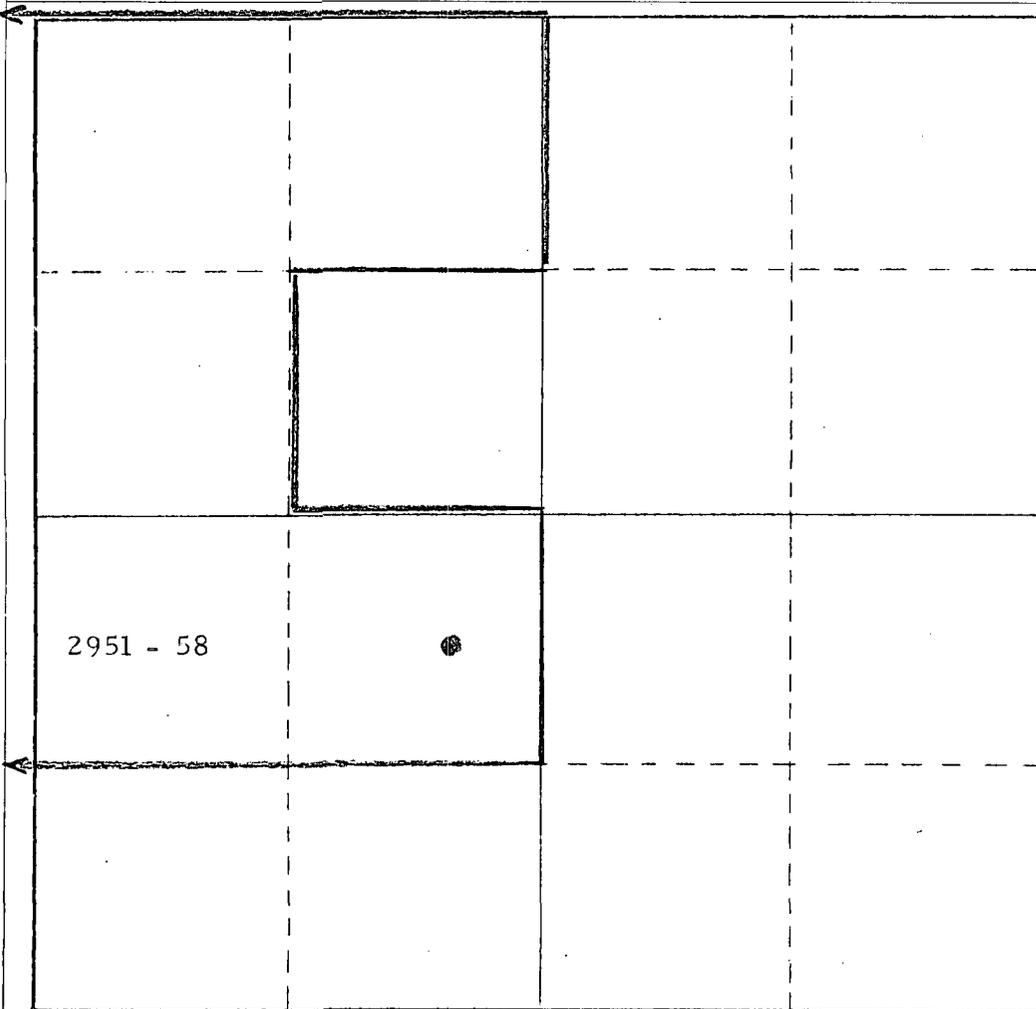
Operator Aminoil USA, Inc.		Lease Fee C. E. Roark 201-28		Well No. N. M. A. 5	
Unit Letter K--	Section 19	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 1875 feet from the South line and 2150 feet from the West line					
Ground Level Elev. 4196 A.S.L.	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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Name **D. R. Wall**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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Date Surveyed _____
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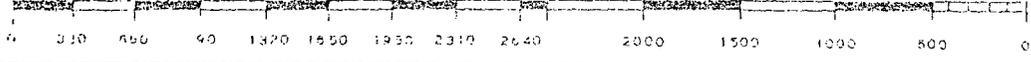
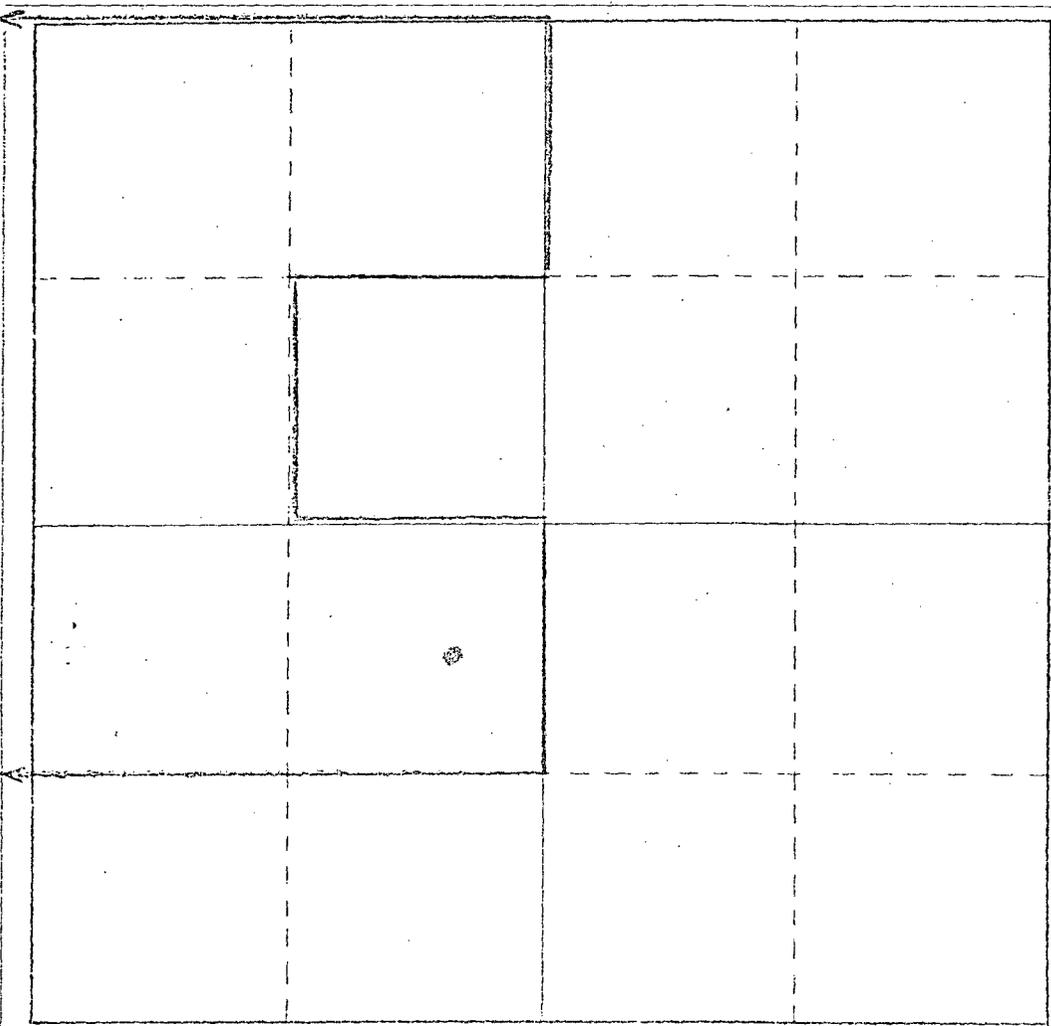
Operator Aminoil USA, Inc.		Lease Fee C. E. Roark		Well No. N.M.A. 5	
Unit Letter K	Section 19	Township 24 S	Range 19 W	County Hidalgo	
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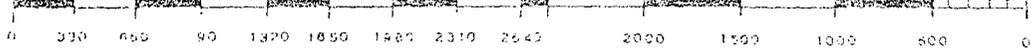
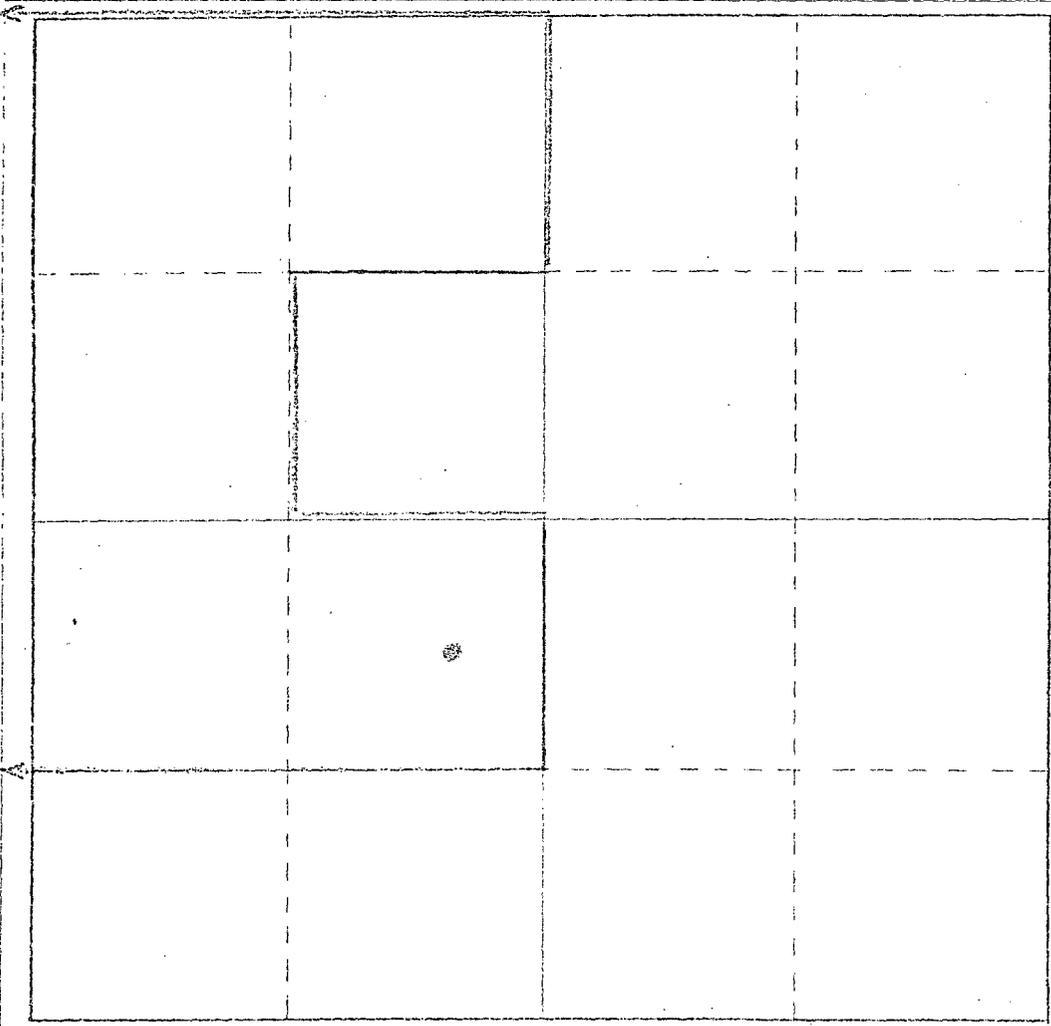
All distances must be from the outer boundaries of the Section.

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Unit Letter K	Section 19	Township 24 S	Range 19 W	County Hidalgo	
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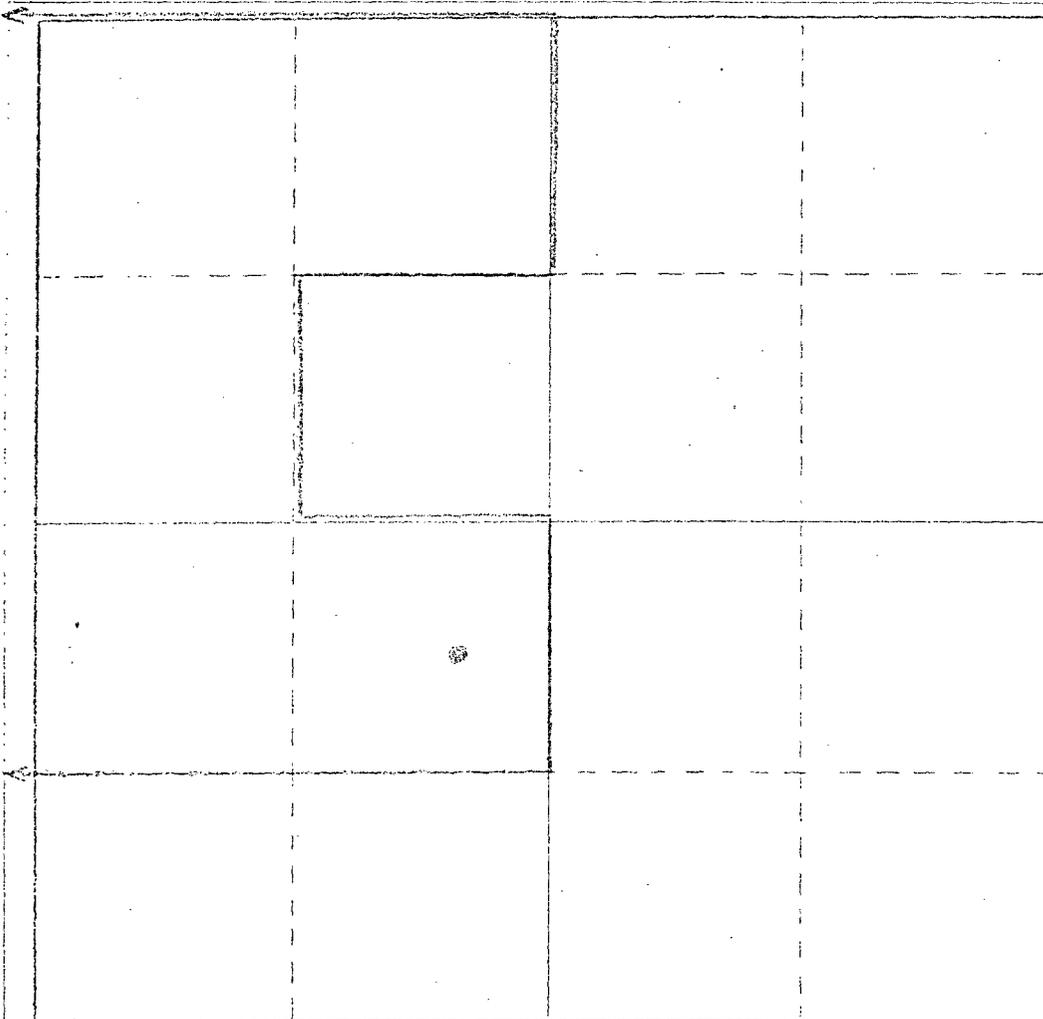
Operator Aminoil USA, Inc.		Lease Fee C. E. Roark		Well No. N. M. A. 5	
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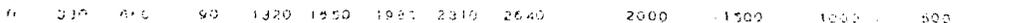
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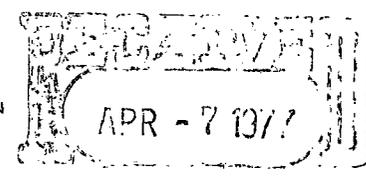
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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501



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Operator	1
Land Office	1

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

OIL CONSERVATION COMMISSION

5. Indicate Type of Lease
STATE FEE

5.a State Lease No.
2GTR-97

7. Unit Agreement Name
--

8. Farm or Lease Name
--

9. Well No.
N.M.A. 6

10. Field and Pool, or Wildcat
Wildcat

12. County
Hidalgo

19. Proposed Depth
500'

19A. Formation
Tertiary Volcanics

20. Rotary or C.T.
Rotary

21. Elevations (Show whether DF, RT, etc.)
4333 A.S.L. (GE)

21A. Kind & Status Plug. Bond
8073-83-26

21B. Drilling Contractor
Cason Drilling Co.

22. Approx. Date Work will start
April 1977

BLM 1

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
Aminoil USA, Inc.

3. Address of Operator
P.O. Box 11279, 1150 A Coddington Center
Santa Rosa, California 95406

4. Location of Well
UNIT LETTER **G** -- LOCATED 2500 FEET FROM THE North LINE
AND 1650 FEET FROM THE East LINE OF SEC. 21 TWP. 24 S RGE. 19 W NMPM

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T. D., with plug at bottom.
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APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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.

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APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

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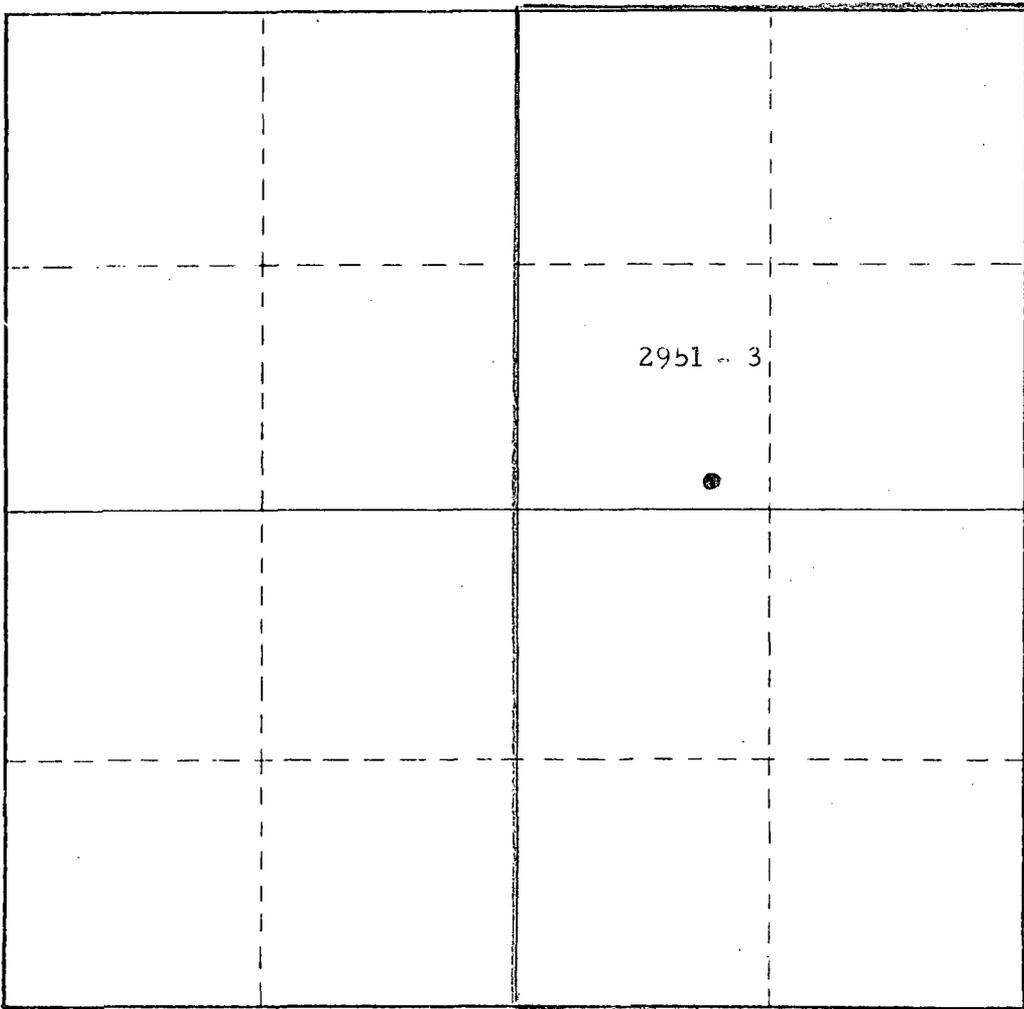
Operator Aminoil USA, Inc.		Lease GTR-9751 - 3		Well No. N.M.A. 6	
Unit Letter -- G	Section 21	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 2500 feet from the North line and 1650 feet from the East line					
Ground Level Elev. 4333	Producing Formation --	Pool --	Dedicated 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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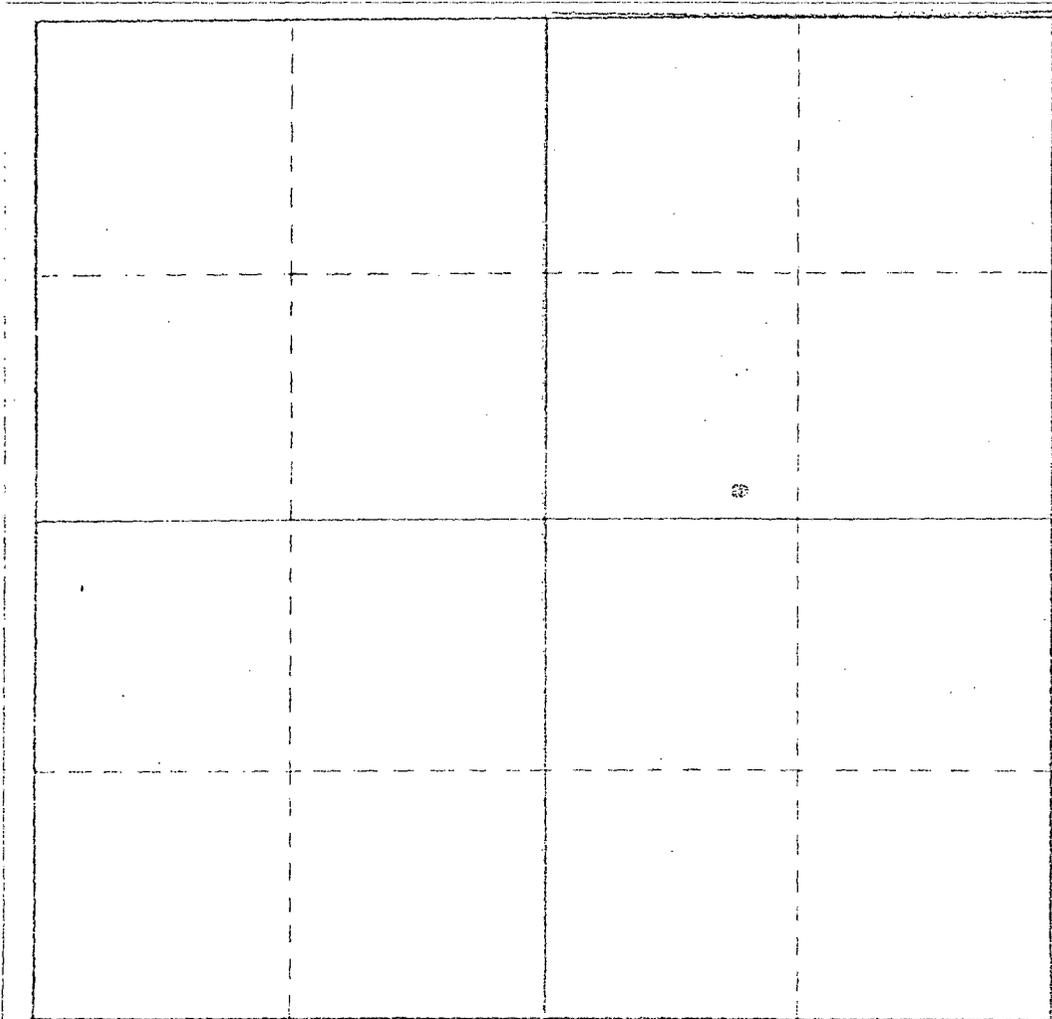
Operator Aminoil USA, Inc.		Lease GTR-97		Well No. N.M.A. 6	
Unit Letter G	Section 21	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 2500 feet from the North line and 1650 feet from the East line					
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330 500 90 1220 1850 1230 2310 2441 2000 1500 1000 500 0

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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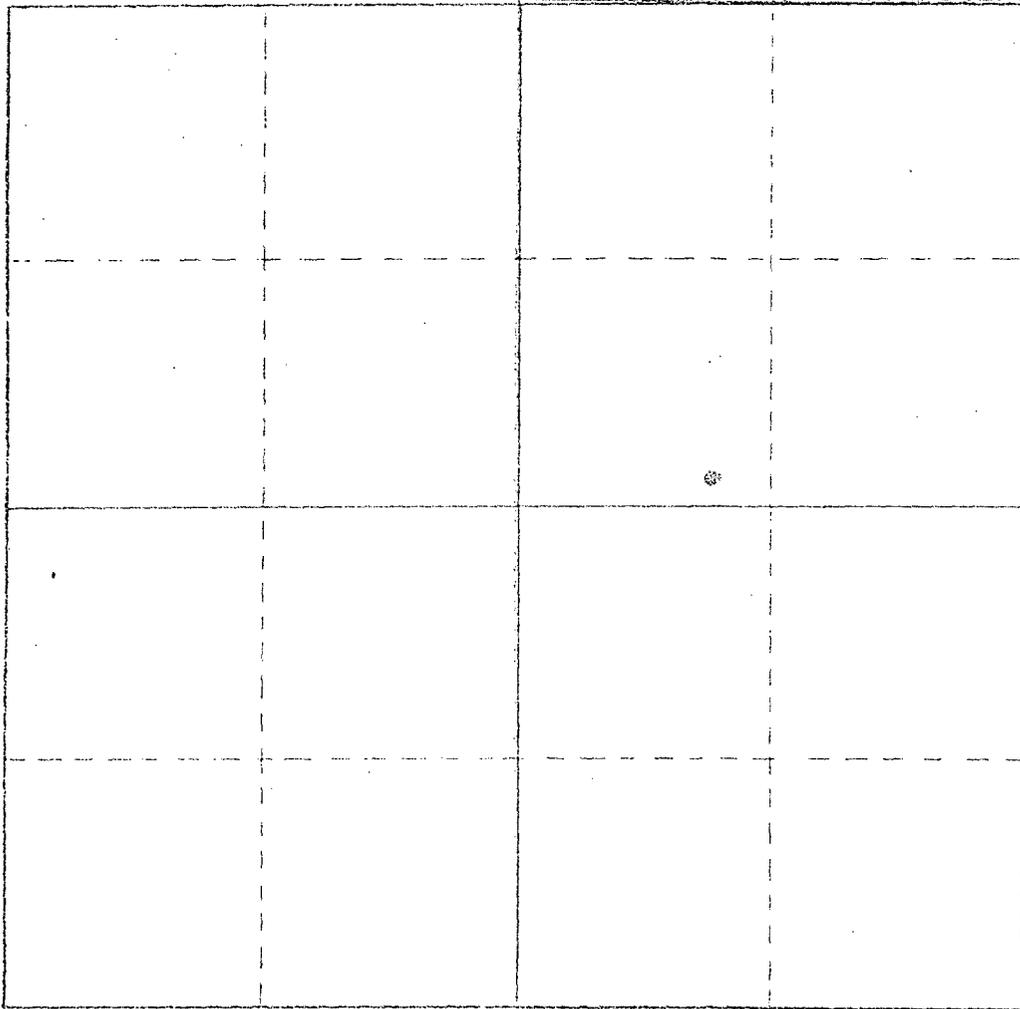
Operator Aminoil USA, Inc.		Lease GTR-97		Well No. 72R-410 N.M.A. 6	
Unit Letter G	Section 21	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 2500 feet from the North line and 1650 feet from the East line					
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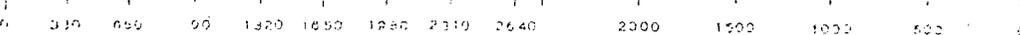
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name **D. R. Wall**
 Position **District Geologist**
 Company **Aminoil USA, Inc.**
 Date **3/9/77**

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. _____



GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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

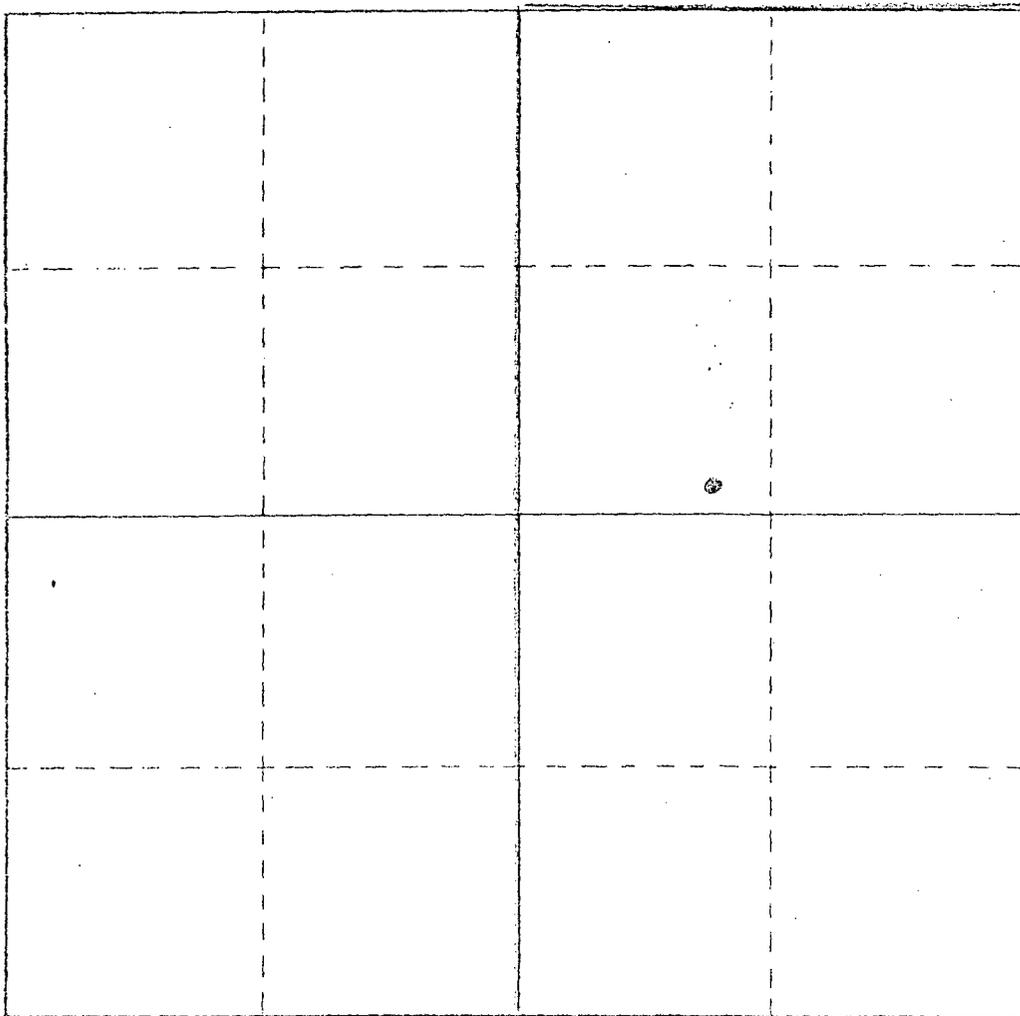
Operator Aminoil USA, Inc.		Lease GTR-97		Well No. N.M.A. 6	
Unit Letter G	Section 21	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 2500 feet from the North line and 1650 feet from the East line					
Ground Level Elev. 4333	Producing Formation --	Pool --	Dedicated Acreage: --		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.) _____

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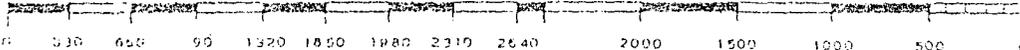
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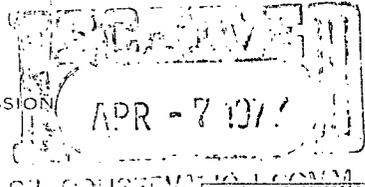
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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe, 87501



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

5. Indicate Type of Lease
STATE FEE
5.a State Lease No.
GTR-102

BLM

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
Aminoil USA, Inc.

3. Address of Operator
P.O. Box 11279, 1150 A Coddington Center
Santa Rosa, California 95406

4. Location of Well UNIT LETTER -- N LOCATED 800 FEET FROM THE South LINE
AND 2150 FEET FROM THE West LINE OF SEC. 27 TWP. 24 S RGE. 19 W NMPM

7. Unit Agreement Name
--

8. Farm or Lease Name
--

9. Well No.
N.M.A. 8

10. Field and Pool, or Wildcat
Wildcat

12. County
Hidalgo

19. Proposed Depth 500'
19A. Formation Tertiary Volcanics
20. Rotary or C.T. Rotary

21. Elevations (Show whether DF, RT, etc.) 4400 A.S.L. (GE)
21A. Kind & Status Plug. Bond 8073083-26
21B. Drilling Contractor Cason Drilling Co.
22. Approx. Date Work will start April 1977

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP

- 1) Dig 5x5x5 feet sump.
- 2) Drill 4 1/2" hole to 500 feet with air or bentonite gel when needed.
- 3) Run 1 1/4" black pipe from surface to T.D., with plug at bottom.
- 4) Fill annulus with bentonite gel and rock cuttings, upper 20 feet filled with cement.
- 5) Fill black pipe with water.
- 6) Fill sump, repair ground.
- 7) Take temperature surveys up to 4 months after completion.
- 8) Cut off tubing below ground, cap, abandon, repair ground.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED
EXPIRES 7/3/77

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 D.R. Watt Title District Geologist Date 3/9/77

(This space for State Use)

APPROVED BY Carl Uvoog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/4/77

CONDITIONS OF APPROVAL, IF ANY:

GEOHERMAL RESOURCES WELL LOCATION AND ACREAGE DEDICATION PLAT

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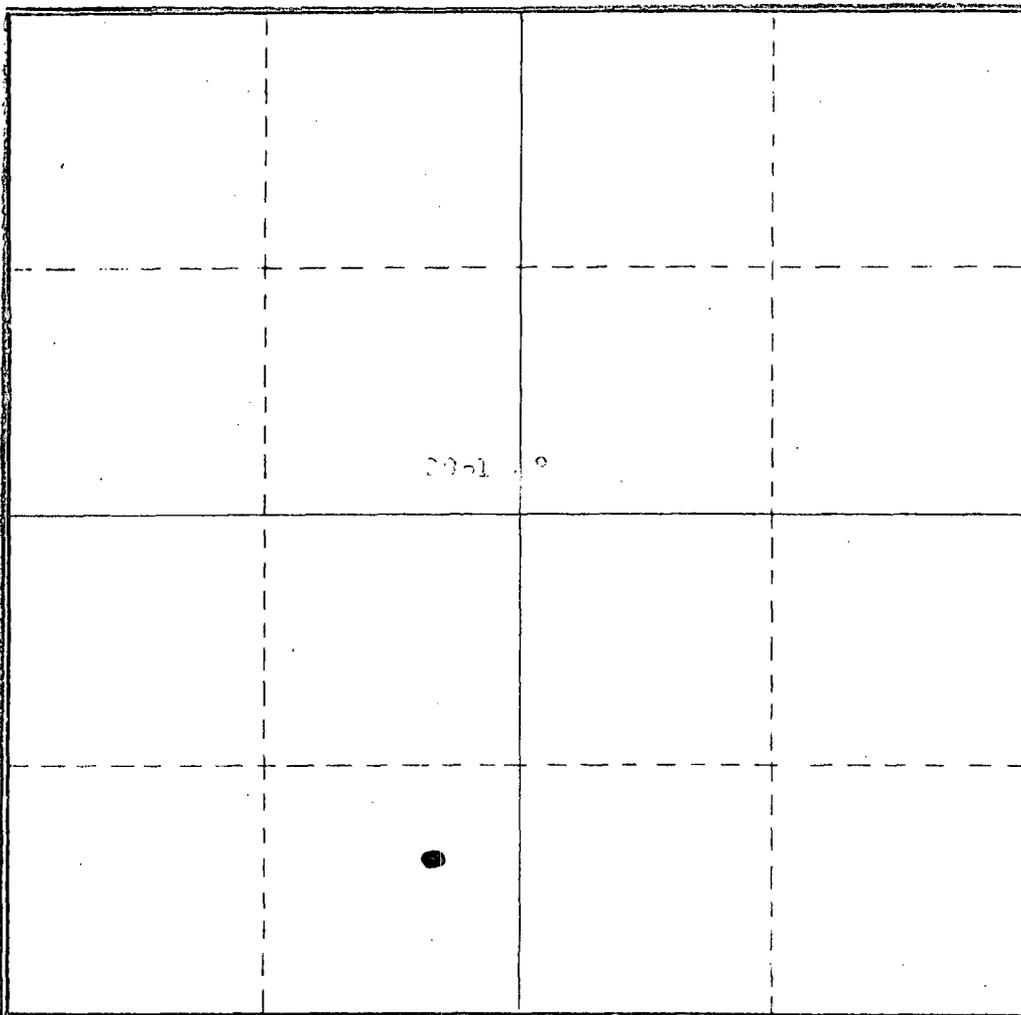
Operator Aminoil USA, Inc.		Lease GR 1028		Well No. N.M.A. 8	
Unit Letter N--	Section 27	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 800 feet from the South line and 2150 feet from the West line					
Ground Level Elev. 4400	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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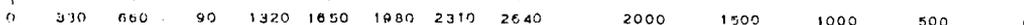
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Company	Aminoil USA, Inc.
Date	3/9/77

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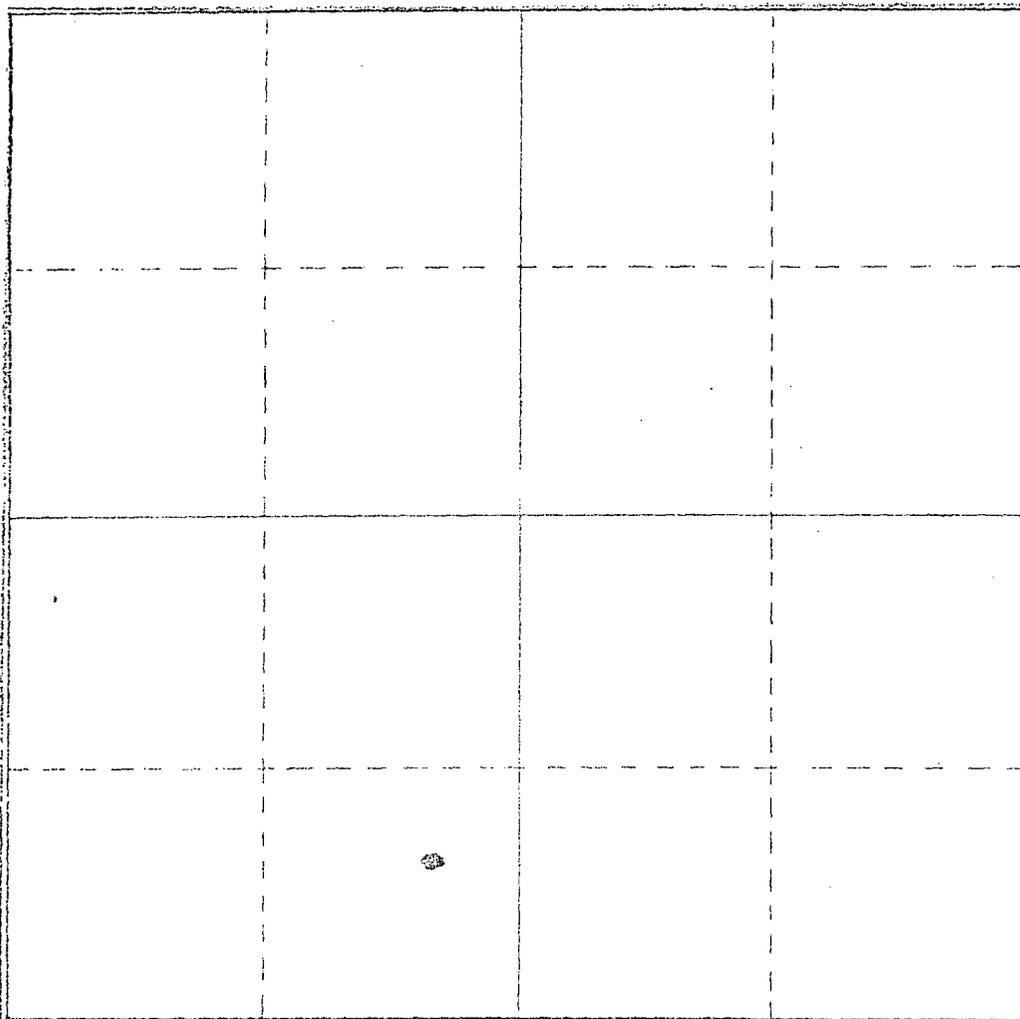
Operator Aminoil USA, Inc.		Lease GTR-102		Well No. N.M.A.8	
Unit Letter N	Section 27	Township 24 S	Range 19 W	County Hidalgo	
Actual Footage Location of Well: 800 feet from the South line and 2150 feet from the West line					
Ground Level Elev. 4400	Producing Formation --	Pool --	Dedicated Acreage: -- Acres		

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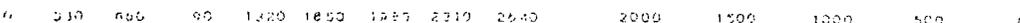
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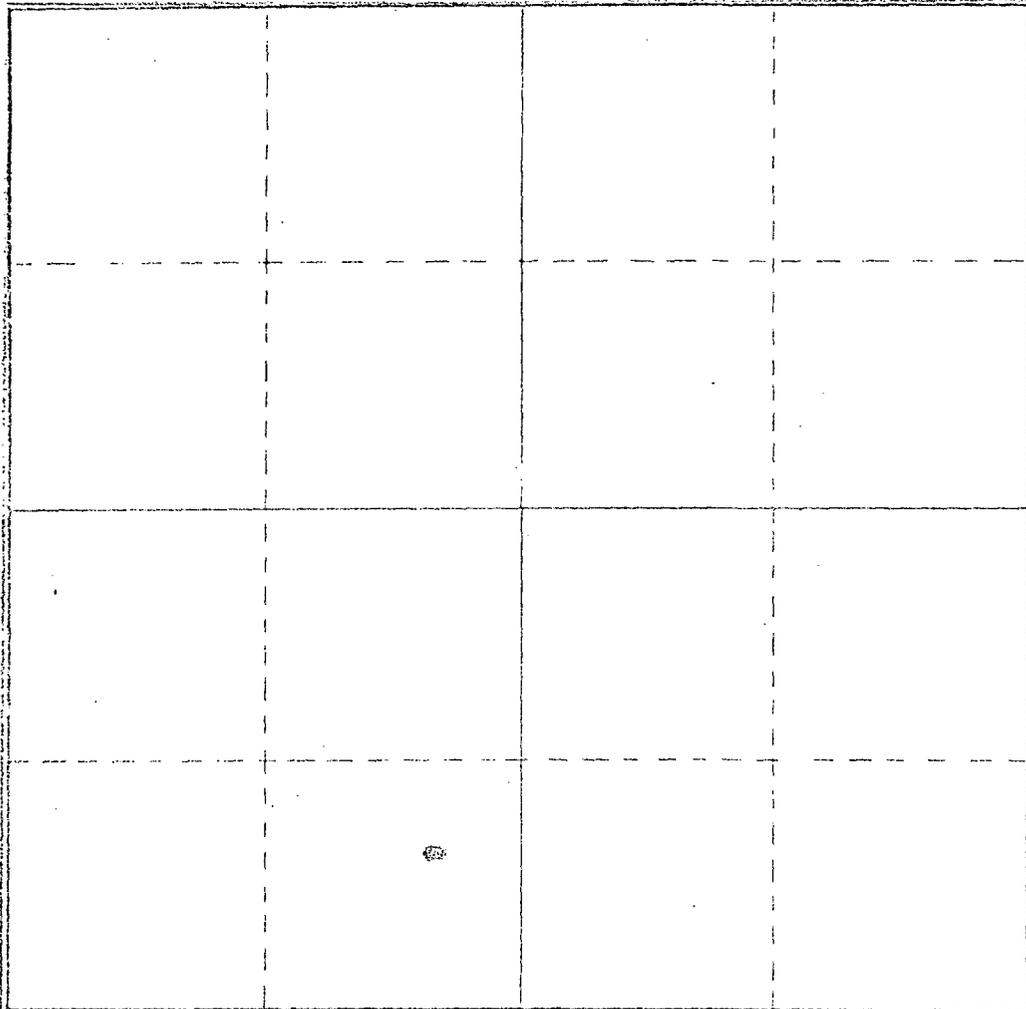
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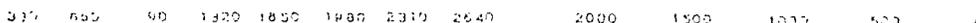
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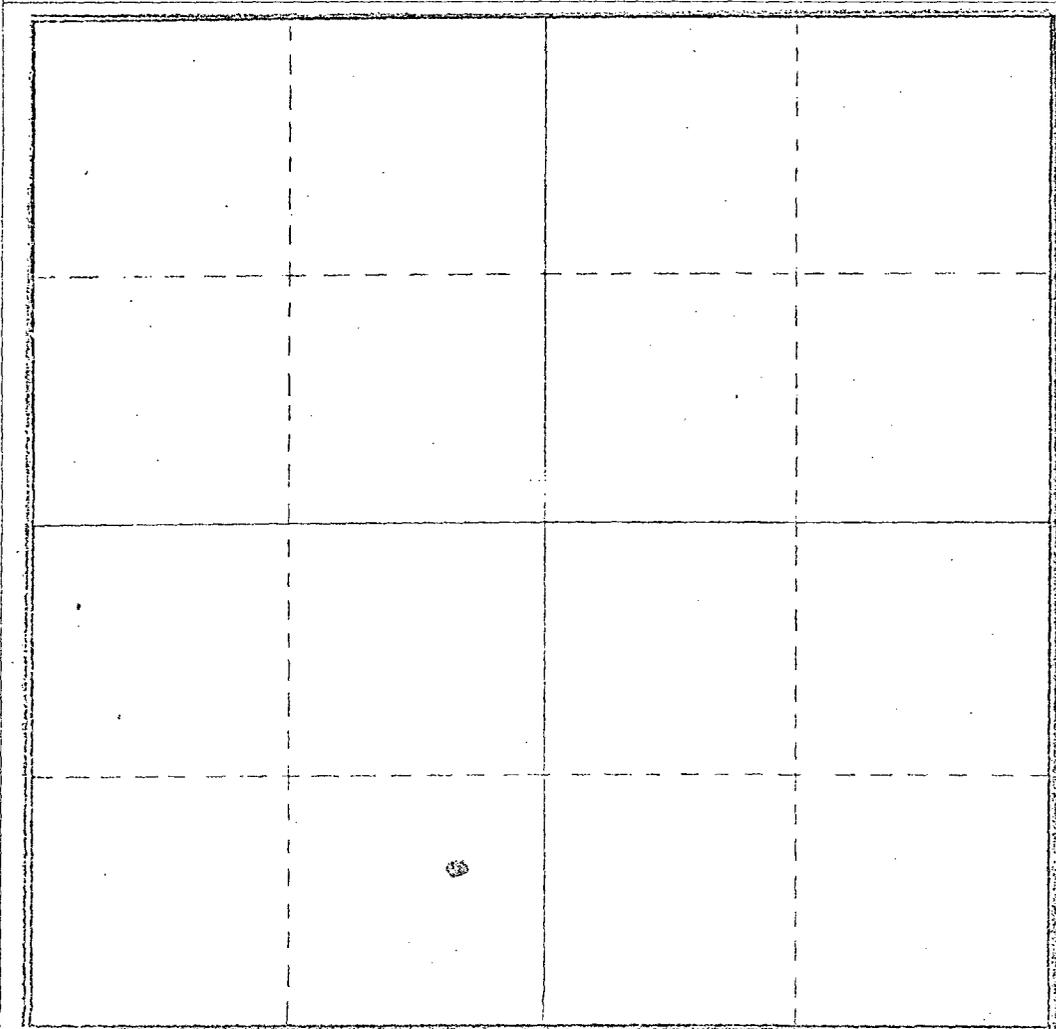
Actual Footage Location of Well:
800 feet from the **South** line and **2150** feet from the **West** line
 Ground Level Elev. **4400** Producing Formation **--** Pool **--** Dedicated Acreage: **--** Acres

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