

GTLT - ____7____

**1-27S-20W
Chevron U.S.A. Inc.
(Hidalgo County)**

L-5(PA)

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

FEB 23 1977

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

Form G-103

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Lease No.

GTR-145

(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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Shallow Temperature Gradient Hole	7. Unit Agreement Name
2. Name of Operator Chevron U.S.A. Inc.	8. Farm or Lease Name R. H. Wamel
3. Address of Operator P. O. Box 599, Denver, Colorado 80201	9. Well No. L-5
4. Location of Well UNIT LETTER M, FEET FROM THE LINE AND FEET FROM THE LINE, SECTION 1, TOWNSHIP 27 South, RANGE 20 West, NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Hidalgo

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <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.

Chevron has completed and abandoned well L-5 in the following manner; 1" steel tubing, used for observation purposes, was plugged with a 10' column of cement from surface, 13' of 6" surface casing remains cemented in the hole well location was returned to the natural contour of the land, and a 4" metal post marking the well location was installed.

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

SIGNED RC Edmiston TITLE District Supr. DATE 2/16/77
APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 5/23/79
CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2038, Santa Fe 87501

FEB 23 1977

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

FORM G-103 COMM.

5a. Indicate Type of Lease
State <input checked="" type="checkbox"/> Fee <input type="checkbox"/>
5. State Lease No.
GTR-145

(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. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Shallow Temperature Gradient Hole	7. Unit Agreement Name
2. Name of Operator Chevron U.S.A. Inc.	8. Farm or Lease Name R. H. Wamel
3. Address of Operator P. O. Box 599, Denver, Colorado 80201	9. Well No. L-5
4. Location of Well UNIT LETTER M FEET FROM THE LINE AND FEET FROM THE LINE, SECTION 1 TOWNSHIP 27 South RANGE 20 West NMPM.	10. Field and Pool, or Wildcat
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Hidalgo

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NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input checked="" type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input checked="" type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <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.

Chevron has completed and abandoned well L-5 in the following manner; 1" steel tubing, used for observation purposes, was plugged with a 10' column of cement from surface, 13' of 6" surface casing remains cemented in the hole well location was returned to the natural contour of the land, and a 4" metal post marking the well location was installed.

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

SIGNED <u>RC Edmister</u>	TITLE <u>District Supv.</u>	DATE <u>2/16/77</u>
APPROVED BY <u>Carl Ulvog</u>	TITLE <u>SENIOR PETROLEUM GEOLOGIST</u>	DATE <u>5/23/79</u>
CONDITIONS OF APPROVAL, IF ANY:		

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

FEB 23 1977

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

Form G-103

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Operator	
Land Office	

5a. Indicate Type of Lease

State ☒

Fee ☐

5. State Lease No.

GTR-145

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT L" (FORM G-101) FOR SUCH PROPOSALS.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER- Shallow Temperature Gradient Hole

2. Name of Operator
Chevron U.S.A. Inc.

3. Address of Operator
P. O. Box 599, Denver, Colorado 80201

4. Location of Well
UNIT LETTER M FEET FROM THE _____ LINE AND _____ FEET FROM
THE _____ LINE, SECTION 1 TOWNSHIP 27 South RANGE 20 West NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

R. H. Wamel

9. Well No.

L-5

10. Field and Pool, or Wildcat

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

12. County

Hidalgo

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☒
CHANGE PLANS ☐

REMEDIATION WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

Chevron has completed and abandoned well L-5 in the following manner; 1" steel tubing, used for observation purposes, was plugged with a 10' column of cement from surface, 13' of 6" surface casing remains cemented in the hole well location was returned to the natural contour of the land, and a 4" metal post marking the well location was installed.

*This location inspected 4/26, 5/27, & 9/1 of 1977
Tubing had screw-type cap on top and tubing was
found to be empty. No cement covered tubing inside
of 6" surface casing.*

NOT Acceptable

Copy sent to Chevron. 12-16-77. They said (telephone) properly

*that well will be
plugged when they
go back for more
drilling
prob. in Jan. 78*

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

SIGNED RC Edmiston

TITLE District Supr.

DATE 2/16/77

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501 FEB 23 1977

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

Form 26-103

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Lease No.

GTR-145

(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. ☐ OIL WELL ☐ GAS WELL ☐ OTHER: Shallow Temperature Gradient Hole

2. Name of Operator
Chevron U.S.A. Inc.

3. Address of Operator
P.O. Box 599, Denver, Co. 80201

4. Location of Well
UNIT LETTER M FEET FROM THE _____ LINE AND _____ FEET FROM
THE _____ LINE, SECTION 1 TOWNSHIP 27 South RANGE 20 West NMPM.

7. Unit Agreement Name

8. Farm or Lease Name

R. H. Wamel

9. Well No.

L-5

10. Field and Pool, or Wildcat

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

12. County

Hidalgo

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

OTHER completion ☒

SUBSEQUENT REPORT OF:

REMEDIATION WORK ☐
COMMENCE DRILLING OPNS. ☐
CASING TEST AND CEMENT JOB ☐
OTHER ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

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.

Chevron has completed drilling and evaluating well L-5. It was completed in the following manner; 6" surface casing was set in cement to a depth of 13', 5-1/8" hole was drilled with mud (12 lbs/gal) to 1000', 1" steel tubing, close-ended, was run to total depth, hole was backfilled with cuttings and mud to within 10 feet of surface; tubing was set 6" below surface with a 10' cement plug.

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

SIGNED R. C. Edmister

TITLE District Supervisor

DATE 2/16/77

APPROVED BY Carl Ulvog

TITLE SENIOR PETROLEUM GEOLOGIST

DATE 2/28/77

CONDITIONS OF APPROVAL, IF ANY:

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

FEB 23 1977

CERTIFICATE OF COMPLIANCE
AND AUTHORIZATION TO PRODUCE
GEOTHERMAL RESOURCES

OWNER OR OPERATOR

Name Chevron Oil CompanyAddress P. O. Box 599, Denver, Colorado 80201

REASON FOR FILING

New well ☐ Recompletion ☐Change in Ownership ☐ Designation of Purchaser ☐Other (Please Explain) ☐ Change of corporate name to 'Chevron U.S.A. Inc.'

DESCRIPTION OF WELL

Lease Name R. H. Wamel Well No. L-5 Name of Reservoir _____Kind of Lease (Fed., Fed., or State) State Lease No. GTR-145

LOCATION

Unit

Letter M : _____ feet from the _____ line and

_____ feet from the _____ line of

Section 1 Township 27 South Range 20 WestCounty Hidalgo

TYPE OF PRODUCT

Dry _____ Steam and _____ Low Temp _____
Steam _____ Water _____ Thermal Water _____

DESIGNATION OF PURCHASER OF PRODUCT

Name of Purchaser _____

Address of Purchaser _____

Product Will Be Used For _____

CERTIFICATE OF COMPLIANCE

I hereby certify that all rules and regulations concerning geothermal resources wells in the State of New Mexico, as promulgated by the Oil Conservation Commission of New Mexico, have been complied with, with respect to the subject well, and that the information given above is true and complete to the best of my knowledge and belief.

Signed D. N. Ashmore Position Dir. Land Manager Date 2.24.77Approved Carl Ulvog Position SENIOR PETROLEUM GEOLOGIST Date 2/28/77

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2033, Santa Fe 87501

FEB 23 1977

GEOHERMAL RESOURCES WELL SUMMARY REPORT

Operator Chevron U.S.A. Inc. Address P.O. Box 599, Denver, Colorado 80201
Lease Name R. H. Wamel Well No. L-5
Unit Letter M Sec. 1 Twp. 27 South Rge 20 West
Reservoir _____ County Hidalgo

Commenced drilling December 11, 1976

GEOLOGICAL MARKERS

DEPTH

Completed drilling December 18, 1976

Total depth 1000' Plugged depth surface to 10'

Junk _____

Commenced producing Abandoned
(Date)

Geologic age at total depth: _____

Date	Static test Shut-in well head		Production Test Data									
			Total Mass Flow Data					Separator Data				
	Temp. °F	Pres. Psig	Lbs/Hr	Temp. °F	Pres. Psig	Enthalpy	Orifice	Water cuft/Hr	Steam Lbs/Hr	Pres. Psig	Temp. °F	

CASING RECORD (Present Hole)

Size of Casing A. P. I.	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cement if through perforation
6"	-13'	-6"	15/bs/ft.	new	seamless		7-1/2	2	

PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Was analysis of effluent made? no Electrical log depths none Temperature log depths 0-1000'

CERTIFICATION

I hereby certify that the information given above and the data and material attached hereto are true and complete to the best of my knowledge and belief.

Signed R. C. Edmiston Position Dist. Supv. Date 2/16/77

Write letter here
to get out of spl

ED HAYNES
CHEVRON OIL,
MINERALS STAFF
P.O. BOX # 3722
SAN FRAN., CALIF.
94119

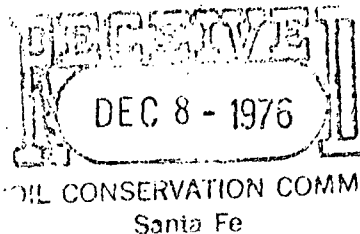
ANIMAS, N.M.
HOLE # L-5 SEC. 1 T 27-S R 20-W



Chevron Oil Company

575 Market Street, San Francisco, CA 94105
Mail Address: P.O. Box 7643, San Francisco, CA 94120

Minerals Staff



December ³/₈, 1976

Well File # L-5

Mr. Carl Ulvog
Senior Petroleum Geologist
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, NM 87501

Dear Mr. Ulvog:

Confirming our telephone conversation today, we respectfully request an extension of our permit for drilling shallow temperature gradient holes previously approved by you.

Well #L-5 in Sec. 1, T27S, R20W to be drilled to 1000'
or less.

Estimated to commence drilling between December 10 and
15.

Request extension of permit to March 31, 1977.

Wells #L-1, L-2, L-3, L-4, L-6 to be drilled to 500'
or less.

Request extension of permit to June 30, 1977.

You will be advised in advance of commencement of drilling by this office or the contractor when we know the date upon which drilling will begin.

Yours very truly,

E. G. Dobrick
E. G. Dobrick

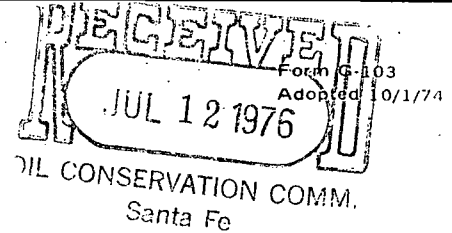
12/8/76
Extension granted as requested - Carl Ulvog

SENIOR PETROLEUM GEOLOGIST

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

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. GTR-145
7. Unit Agreement Name
8. Farm or Lease Name R. H. Wamel
9. Well No. L-5
10. Field and Pool, or Wildcat
12. County Hidalgo

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"/> Deep Reservoir <input checked="" type="checkbox"/> Shallow Temp. Gradient Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	2. Name of Operator Chevron Oil Company
3. Address of Operator P. O. Box 599, Denver, Colorado 80201	4. Location of Well Unit Letter <u>M</u> Feet From The _____ Line and _____ Feet From (See attached plat) The _____ Line, Section <u>1</u> Township <u>27-S</u> Range <u>20-W</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)	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"/>
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.

Chevron proposes to drill said well to a total depth of 1,000' or less instead of 500' or less, with a projected commencement date of August 15, 1976, instead of May 1, 1976, as stated in the G-101 (Application for Permit to Drill). All other items remain the same.

Chevron will notify the Commission either by phone or letter a week or two prior to commencement of actual drilling operations.

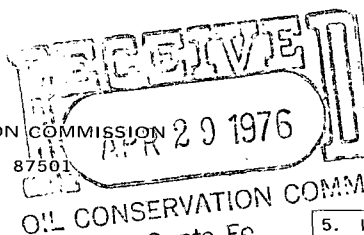
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Carl Ulvog TITLE Assistant Secretary DATE July 9, 1976

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 7/13/76

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	5
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File	✓
N.M.B.M.	✓
U.S.G.S.	✓
Operator	✓
Land Office	✓

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

5. Indicate Type of Lease

STATE ☒FEE ☐

5.a State Lease No.

GTR-145

7. Unit Agreement Name

8. Farm or Lease Name

R. H. Wamel

9. Well No.

L 3 and L-5

10. Field and Pool, or Wildcat

12. County

Hidalgo

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

2. Name of Operator
Chevron Oil Company3. Address of Operator
P. O. Box 599 Denver, Colorado 802014. Location of Well UNIT LETTER A & M LOCATED FEET FROM THE LINE
(See attached plat)

AND FEET FROM THE LINE OF SEC. 1 TWP. 27S RGE. 20W NMPM

19. Proposed Depth 500' or less	19A. Formation -	20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond \$10,000 Multi-well bond	21B. Drilling Contractor Contract not awarded*	22. Approx. Date Work will start May 1 at the earliest

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
5"	1" Schedule	1.7#/ft.	498' or less	3	Top of casing & cement 6" to 12" below ground level

The proposed shallow temperature gradient well is one in a series planned for the area. Drilling operations usually take one or two days. Hole is filled with mud to within 10+ feet of ground level, at which point bridge is placed. Annulus between casing and hole wall is filled with cement from bridge to top of casing (i.e., 10 feet of cement). Drilling program is that stipulated by the B.L.M. for shallow temperature gradient holes. Temperatures will be monitored for a period of approximately three months following drilling of the hole. Between temperature logging operations, pipe will be capped and hole filled with dirt to ground level.

*Name of drilling contractor will be furnished when contract let.

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 prevention program, if any.

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

CHEVRON OIL COMPANY

By Contract Agent, Western DivisionBy Assistant SecretaryDate Apr. 23, 1976

(This space for State Use)

APPROVED BY

Carl Ulvog

TITLE

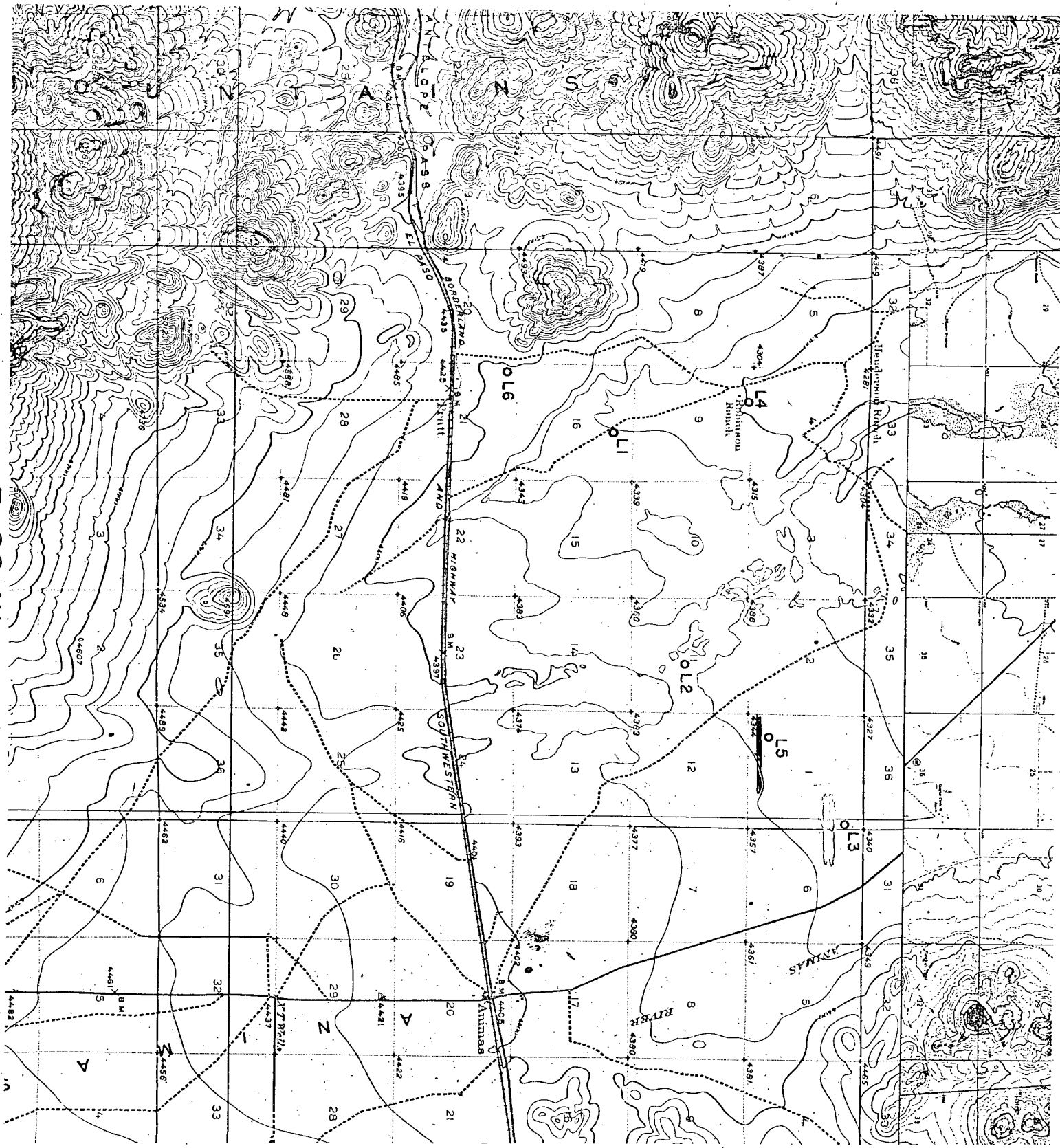
SENIOR PETROLEUM GEOLOGIST

DATE

4/30/76

CONDITIONS OF APPROVAL, IF ANY:

R-20-W

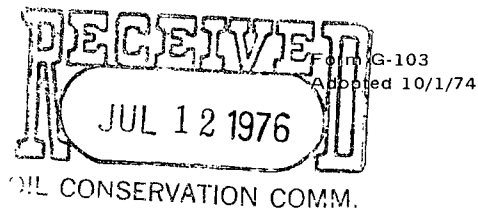


T 27 S

Well Locations; NE 1/4 NE 1/4 and SW 1/4 SW 1/4 Sec. 1 - T 27 S - R 20 W

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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



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. GTR-145
7. Unit Agreement Name
8. Farm or Lease Name R. H. Wamel
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12. County Hidalgo

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"/> XXXXXXXXXX <input checked="" type="checkbox"/> Shallow Temp. Gradient Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>
2. Name of Operator Chevron Oil Company
3. Address of Operator P. O. Box 599, Denver, Colorado 80201
4. Location of Well Unit Letter <u>M</u> Feet From The _____ Line and _____ Feet From (See attached plat) The _____ Line, Section <u>1</u> Township <u>27-S</u> Range <u>20-W</u> NMPM.
15. Elevation (Show whether DF, RT, GR, etc.)

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.

Chevron proposes to drill said well to a total depth of 1,000' or less instead of 500' or less; with a projected commencement date of August 15, 1976, instead of May 1, 1976, as stated in the G-101 (Application for Permit to Drill). All other items remain the same.

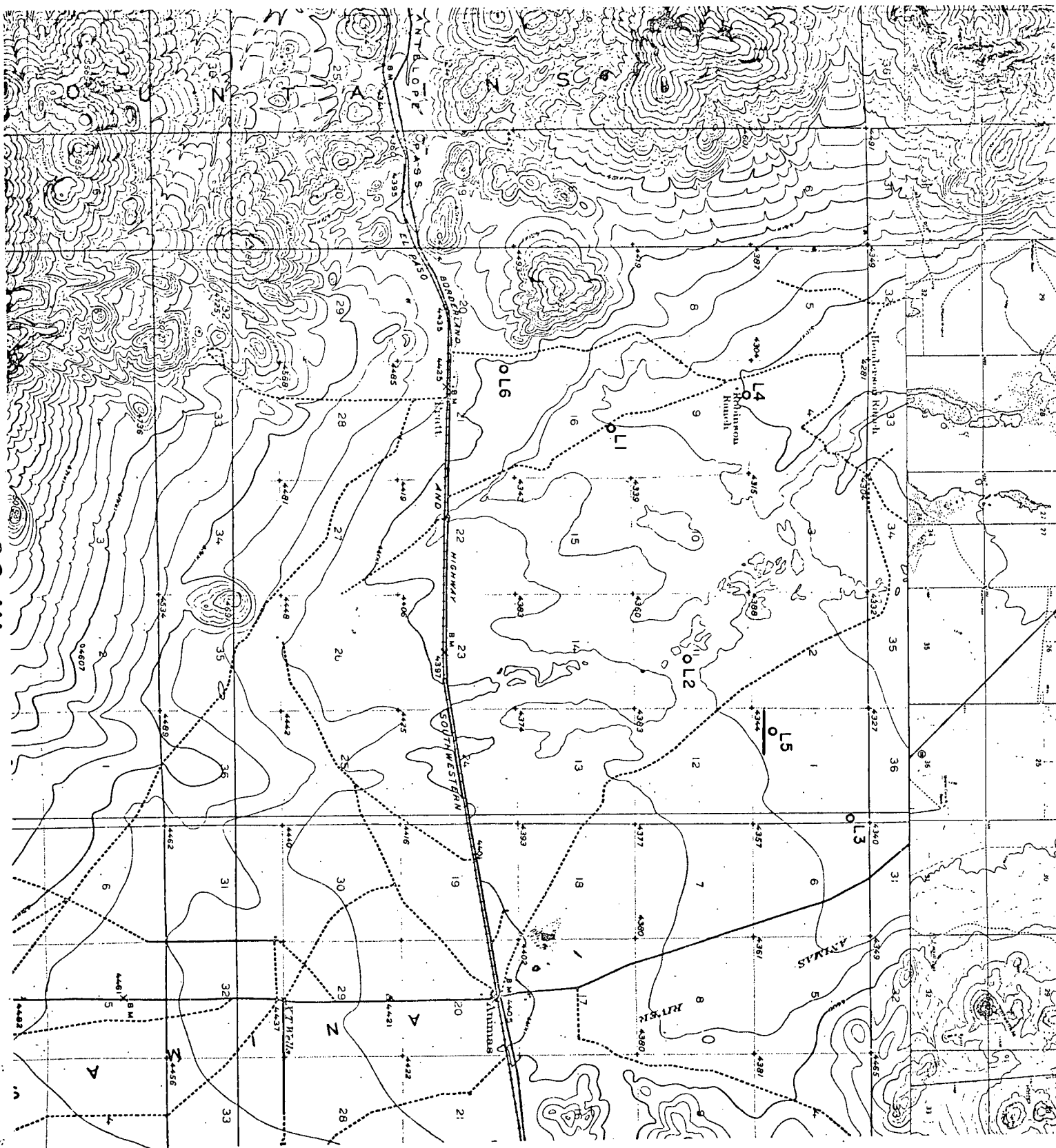
Chevron will notify the Commission either by phone or letter a week or two prior to commencement of actual drilling operations.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES Oct. 10, 1976

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

SIGNED <u>Contract Agent, Western Division</u>	TITLE <u>Assistant Secretary</u>	DATE <u>July 9, 1976</u>
APPROVED BY <u>Carl Ulvog</u>	TITLE <u>SENIOR PETROLEUM GEOLOGIST</u>	DATE <u>7/13/76</u>
CONDITIONS OF APPROVAL, IF ANY:		

R-20-W



T 27 S

Proposed Well Location: SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 1, T-27-S, R-20-W



NEW MEXICO OIL CONSERVATION COMMISSION
P.O. Box 2038, Santa Fe 87501

GEOHERMAL RESOURCES WELL LOG

Operator Chevron U.S.A. Inc.
Address P. O. Box 599, Denver, Colorado 80201
Reservoir _____
Lease Name R. H. Wamel Well No. L-5 Unit Letter M
Location: _____ feet from the _____ line and
_____ feet from the _____ line Section _____
Township 27 South Range 20 West County Hidalgo

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
0	45	45'	Drilled		Sandy Clay; with angular fragments of basalt
45	60	15	"		Gravelly Sandy Clay
60	120	60'	"		Sandy Clay
120	215	95	"		Sandy Gravel
215	290	75'	"		Clayey Sand
290	380	90'	"		Gravelly Sand
380	390	10'	"		Sandy Gravel
390	425	35'	"		Gravelly Sand
425	680	255'	"		Clayey Gravelly Sand
680	770	90'	"		Clayey Sand
770	1000'	230'	"		Gravelly Clayey Sand

Attach Additional Sheets if Necessary

This form must be accompanied by copies of electric logs, directional surveys, physical or chemical logs, water analyses, tests, including potential tests, and temperature surveys (See Rule 205).

CERTIFICATION

I hereby certify that the information given above and the data and material attached hereto are true and complete to the best of my knowledge and belief.

Signed RC Edmiston Position Dist. Supr. Date 2/16/77

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

B 23

GEOHERMAL RESOURCES WELL HISTORY

Operator Chevron U.S.A. Inc. Address P.O. Box 599, Denver, Colorado 80201
 Lease Name R. H. Wamel Well No. L-5
 Unit Letter M Sec. 1 Twp. 27 South Rge 20 West
 Reservoir _____ County Hidalgo

It is of the greatest importance to have a complete history of the well. Use this form to report a full account of all important operations during the drilling and testing of the well or during re-drilling, altering of casing, plugging, or abandonment with the dates thereof. Be sure to include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests, shooting and initial production data and zone temperature.

Date

12/12/76 Drilled 14' 7-1/2" hole for surface casing
Cemented 13' of 6" casing in place with 2 sacks of cement

12/13/76 Drilled out of surface casing with 5-1/8 air drill encountered water table
at 180', 65°F; water flow rate 5 gal./min at 67°F; change over to mud drilling.

12/14/76 Drilling ahead, 218'

12/15/76 Drilling ahead 421'
680' mud out temperature 51°F

12/16/76 Drilling ahead 680'
875' mud out temperature 57°F.

12/17/76 Drilling ahead 875'
1000' mud out 64°F Completed hole

12/18/76 Ran 1000' of 1" steel tubing
backfilled hole with cuttings and mud to -10' of surface; set tubing
with 10' cement plug at surface.

12/21/76 Ran temperature survey
Abandoned hole

CERTIFICATION

I hereby certify that the information given above and the data and material attached hereto are true and complete to the best of my knowledge and belief.

Signed RC Edmister Position Dist. Supr. Date 2/16/77