

GTLT - _____6_____

**(1-36)-3S-2W
Gulf Oil Corporation
(Socorro County)**

**S-TG-1(PA); S-TG-2(PA); S-
TG-3(PA); S-TG-5(PA); S-
TG-7(PA); S-TG-8(PA); S-TG-
6(PA); S-TG-5(PA); S-TG-
4(PA) & S-TG-9(PA)**

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe, 87501

APPLICATION 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

Strozzi

9. Well No.

S-TG-1

10. ~~XXXXXXXXXX~~ Wildcat
Socorro12. County
Socorro

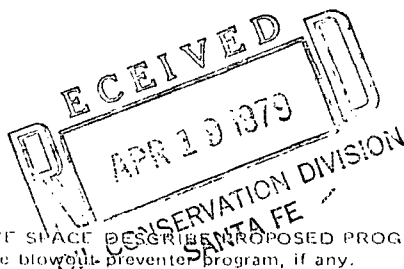
1a. Type of Work Drill ☒ Deepen ☐ Plug Back ☐
b. Type of Well Geothermal Producer ☐ Temp Observation ☒
Low-Temp Thermal ☐ Injection/Disposal ☐
2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
1720 South Bellaire Street, Denver, Colorado 80222
4. Location of Well UNIT LETTER A LOCATED 100 FEET FROM THE N LINE
AND 500 FEET FROM THE E LINE OF SEC. 1 TWP. 3S RGE. 2W NMPM

19. Proposed Depth 500'
19A. Formation Popatosa
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5,520' GL
21A. Kind & Status Plug, Bond 8078 70 40
21B. Drilling Contractor Not yet known.
22. Approx. Date Work will start Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1 1/2" PVC	1/2#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1 1/2" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBES 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.

Glen E. Campbell Title Geothermal Supervisor

Date

APR 17 1979

(This space for State Use)

APPROVED BY

Carl Ullsog

TITLE

SENIOR PETROLEUM GEOLOGIST

DATE

4/23/79

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Strozzi
3. Address of Operator 1720 So. Bellaire St., Denver, Colo. 80222	9. Well No. 1
4. Location of Well Unit Letter <u>A</u> <u>100</u> Feet From The <u>N</u> Line and <u>500</u> Feet From The <u>E</u> Line, Section <u>1</u> Township <u>3S</u> Range <u>2W</u> NMPM.	10. Water or Wildcat Socorro
15. Elevation (Show whether DF, RT, GR, etc.) 5,520' GL	12. County Socorro

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 type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

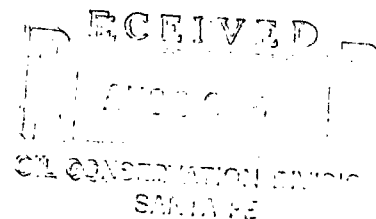
SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input checked="" type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	

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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

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

5. Indicate Type of Lease	
STATE <input type="checkbox"/>	FEE <input type="checkbox"/>
5.a State Lease No. N/A	

a. Type of Work	Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>
b. Type of Well	Geothermal Producer <input type="checkbox"/>	Temp Observation <input checked="" type="checkbox"/>	Injection/Disposal <input type="checkbox"/>
	Low-Temp Thermal <input type="checkbox"/>		

7. Unit Agreement Name N/A
8. Farm or Lease Name Strozzi

Name of Operator Gulf Oil Corporation
Address of Operator 1720 South Bellaire Street; Denver, Colorado 80222

9. Well No. S-TG-2
10. XXXXXX Wildcat Socorro

Location of Well	UNIT LETTER <u>H</u>	LOCATED <u>1,700</u>	FEET FROM THE <u>N</u>	LINE
ND <u>250</u>	FEET FROM THE <u>E</u>	LINE OF SEC. <u>2</u>	TWP. <u>3S</u>	RGE. <u>2W</u> NMPM

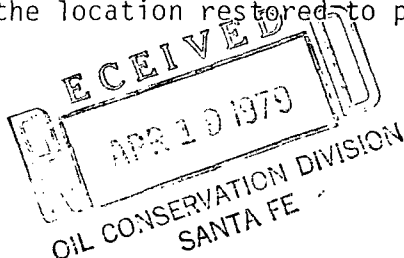
12. County Socorro

19. Proposed Depth 500'	19A. Formation Popatosa	20. Rotary or C.T. Rotary
21A. Kind & Status Plug. Bond 8078 70 40	21B. Drilling Contractor Not yet known.	22. Approx. Date Work will start Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1 1/2" PVC	1/2#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1 1/2" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.



APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

Allen E. Campbell Title Geothermal Supervisor Date APR 17 1979
(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79
CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit --" (Form G-101) for Such Proposals.

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Strozzi
3. Address of Operator 1720 So. Bellaire St., Denver, Colo. 80222	9. Well No. 2
4. Location of Well Unit Letter <u>D</u> <u>1,100</u> Feet From The <u>N</u> Line and <u>150</u> Feet From The <u>W</u> Line, Section <u>1</u> Township <u>3S</u> Range <u>2W</u> NMPM.	10. Surface or Wildcat Socorro
15. Elevation (Show whether DF, RT, GR, etc.) 5,610' GL	12. County Socorro

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 type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

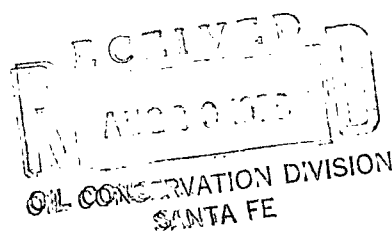
SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" type="checkbox"/>
CASING TEST AND CEMENT JOB <input type="checkbox"/>	

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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED Alan E. Campbell TITLE Geothermal Supervisor DATE 8-16-79
G. E. CampbellAPPROVED BY Carl Wlog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

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

5. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input type="checkbox"/>
5.a State Lease No.
N/A

a. Type of Work	Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>
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"/>	

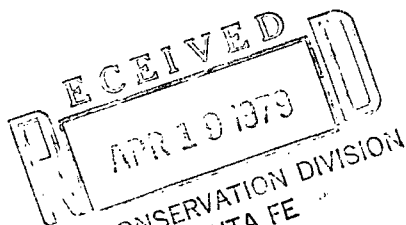
7. Unit Agreement Name
N/A8. Farm or Lease Name
Strozzi9. Well No.
S-TG-310. ~~XXXXXXXXXX~~ Wildcat
SocorroName of Operator
Gulf Oil CorporationAddress of Operator
1720 South Bellaire Street, Denver, Colorado 80222Location of Well UNIT LETTER E LOCATED 1,600 FEET FROM THE N LINE
AND 800 FEET FROM THE W LINE OF SEC. 2 TWP. 3S RGE. 2W NMPM12. County
Socorro

11. Elevations (Show whether DF, RT, etc.) 5,745' GL	21A. Kind & Status Plug. Bond 8078 70 40	19. Proposed Depth 500'	19A. Formation Popatosa	20. Rotary or C.T. Rotary	22. Approx. Date Work will start Apr. 18, 1979
---------------------------------------------------------	---------------------------------------------	----------------------------	----------------------------	------------------------------	---------------------------------------------------

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1½" PVC	½#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1½" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBES 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.

Alan E. Campbell Title Geothermal Supervisor Date APR 17 1979

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APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79
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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease

State ☐Fee ☒

5.a State Lease No.

N/A

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 ☐ Temp. Observation ☒
Low-Temp Thermal ☐ Injection/Disposal ☐

7. Unit Agreement Name

2. Name of Operator

Gulf Oil Corporation

8. Farm or Lease Name

Strozzi

3. Address of Operator

1720 So. Bellaire St., Denver, Colo. 80222

9. Well No.

3

4. Location of Well

Unit Letter F 2,000 Feet From The N Line and 2,200 Feet From
The W Line, Section 2 Township 3S Range 2W NMPM.10. ~~Surface~~ or Wildcat

Socorro

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

5,740' GL

12. County

Socorro

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

NOTICE OF INTENTION TO:

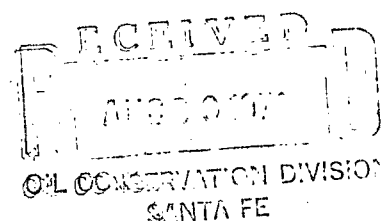
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐PULL OR ALTER CASING ☐ CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☒CASING TEST AND CEMENT JOB ☐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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor

DATE 8-16-79

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST

DATE 10-26-79

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

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

5. Indicate Type of Lease

STATE ☐FEE ☐

5.a State Lease No.

N/A

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

2. Name of Operator
Gulf Oil Corporation3. Address of Operator
1720 South Bellaire Street, Denver, Colorado 80222

4. Location of Well UNIT LETTER C LOCATED 450 FEET FROM THE N LINE

AND 1,350 FEET FROM THE W LINE OF SEC. 3 TWP. 3S RGE. 2W NMPM

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Strozzi

9. Well No.

S-TG-5

10. ~~XXXXXX~~ Wildcat

Socorro

12. County
Socorro

19. Proposed Depth

500'

19A. Formation

Popatosa

20. Rotary or C.T.

Rotary

11. Elevations (Show whether DF, RT, etc.)

5,835' GL

21A. Kind & Status Plug. Bond

8078 70 40

21B. Drilling Contractor

Not yet known.

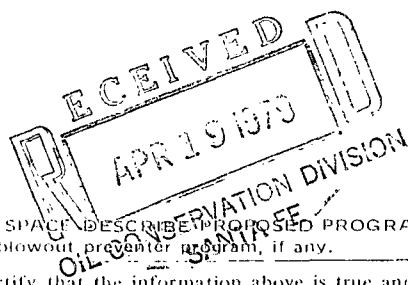
22. Approx. Date Work will start

Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1½" PVC	½#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1½" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for ±1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

APR 17 1979

Alan E. Campbell Title Geothermal Supervisor

Date

(This space for State Use)

APPROVED BY

Carl Ulvog

TITLE

SENIOR PETROLEUM GEOLOGIST

DATE

4/23/79

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P. O. Box 2088, Santa Fe 87501

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U. S. G. S.	/
Operator	/
Land Office	

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well	Geothermal Producer <input type="checkbox"/>	Temp. Observation <input checked="" type="checkbox"/>	7. Unit Agreement Name
	Low-Temp Thermal <input type="checkbox"/>	Injection/Disposal <input type="checkbox"/>	
2. Name of Operator	Gulf Oil Corporation		8. Farm or Lease Name
			Strozzi
3. Address of Operator	1720 So. Bellaire St., Denver, Colo. 80222		9. Well No.
			5
4. Location of Well	Unit Letter C 450 Feet From The N Line and 1,350 Feet From		10. Tract or Wildcat
	The W Line, Section 3 Township 3S Range 2W NMPM.		Socorro
15. Elevation (Show whether DF, RT, GR, etc.)			12. County
5,835' GL			Socorro

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

NOTICE OF INTENTION TO:

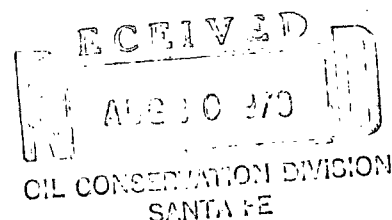
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" 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.

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SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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2. C.B.S.	1
3. Operator	1
4. and Office	1
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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501

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

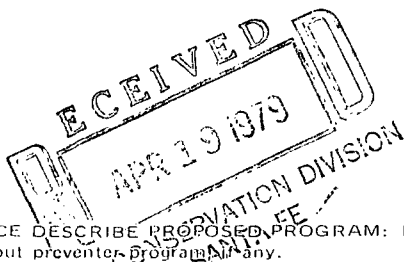
5. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input type="checkbox"/>
5.a State Lease No. N/A
7. Unit Agreement Name N/A
8. Farm or Lease Name Strozzi
9. Well No. S-TG-7
10. XXXXXXXXXX Wildcat Socorro
12. County Socorro
19. Proposed Depth 500'
19A. Formation Popatosa
20. Rotary or C.T. Rotary
21. Elevations (Show whether DP, RT, etc.) 5,735' GL
21A. Kind & Status Plug. Bond 8078 70 40
21B. Drilling Contractor Not yet known.
22. Approx. Date Work will start Apr. 18, 1979

a. Type of Work	Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>
b. Type of Well	Geothermal Producer <input type="checkbox"/>	Temp Observation <input checked="" type="checkbox"/>	Injection/Disposal <input type="checkbox"/>
Name of Operator Gulf Oil Corporation			
Address of Operator 1720 South Bellaire Street, Denver, Colorado 80222			
Location of Well UNIT LETTER <u>D</u> LOCATED <u>350</u> FEET FROM THE <u>N</u> LINE AND <u>1,100</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>11</u> TWP. <u>3S</u> RGE. <u>2W</u> NMPPM			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1 1/2" PVC	1 1/2#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1 1/2" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.



APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

Allen E. Campbell Title Geothermal Supervisor Date APR 17 1979

(This space for State Use)

APPROVED BY Carl Ullvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease

State ☐Fee ☒

5.a State Lease No.

N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Strozzi
3. Address of Operator 1720 So. Bellaire St., Denver, Colo. 80222	9. Well No. 7
4. Location of Well Unit Letter <u>D</u> <u>350</u> Feet From The <u>N</u> Line and <u>1,100</u> Feet From The <u>W</u> Line, Section <u>11</u> Township <u>3S</u> Range <u>2W</u> NMPM.	10. Farmland , or Wildcat Socorro
15. Elevation (Show whether DF, RT, GR, etc.) 5,735'GL	12. County Socorro

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

NOTICE OF INTENTION TO:

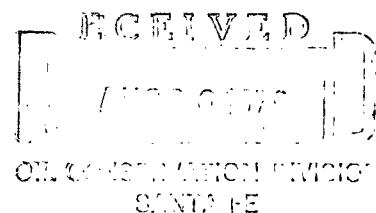
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐ CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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U.S.G.S.	1
Operator	1
and Office	1

NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

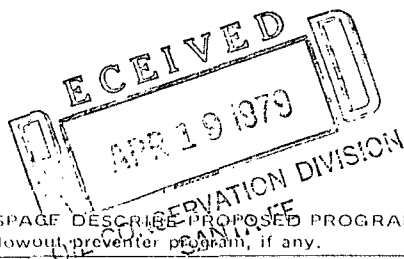
APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK--GEOTHERMAL RESOURCES WELL

a. Type of Work		Drill <input checked="" type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>
b. Type of Well		Geothermal Producer <input type="checkbox"/>	Temp Observation <input checked="" type="checkbox"/>	Injection/Disposal <input type="checkbox"/>
c. Name of Operator		Gulf Oil Corporation		
d. Address of Operator		1720 South Bellaire Street, Denver, Colorado 80222		
e. Location of Well		UNIT LETTER <u>0</u> LOCATED <u>1,250</u> FEET FROM THE <u>S</u> LINE		
AND <u>2,550</u> FEET FROM THE <u>E</u> LINE OF SEC. <u>11</u> TWP. <u>3S</u> RGE. <u>2W</u> NMPM				
12. County		Socorro		
19. Proposed Depth		500'		19A. Formation
				Popatosa
20. Rotary or C.T.		Rotary		
21. Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond		21B. Drilling Contractor
5,850' GL		8078 70 40		Not yet known.
				22. Approx. Date Work will start
				Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1½" PVC	½#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1½" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

Alan E. Campbell Title Geothermal Supervisor Date APR 17 1979

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS5. Indicate Type of Lease
State ☐ Fee ☒5.a State Lease No.
N/A

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 ☐ Temp. Observation ☒
Low-Temp Thermal ☐ Injection/Disposal ☐2. Name of Operator
Gulf Oil Corporation

7. Unit Agreement Name

8. Farm or Lease Name
Strozzi3. Address of Operator
1720 So. Bellaire St., Denver, Colo. 802229. Well No.
84. Location of Well
Unit Letter 0 1,250 Feet From The S Line and 2,550 Feet From
The E Line, Section 11 Township 3S Range 2W NMPM.10. ~~Surface~~ or Wildcat
Socorro15. Elevation (Show whether DF, RT, GR, etc.)
5,850' GL12. County
Socorro

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

NOTICE OF INTENTION TO:

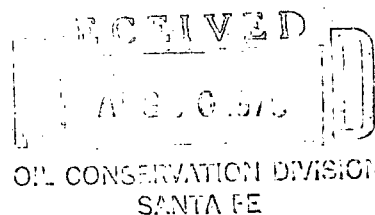
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐ CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

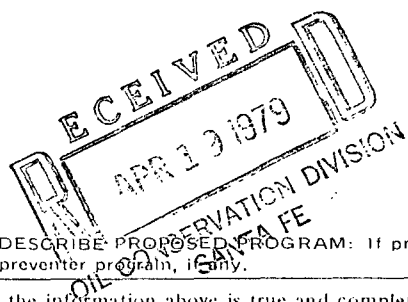
APPLICATION FOR PERMIT TO DRILL, DEEPEN,
OR PLUG BACK---GEOTHERMAL RESOURCES WELL

a. Type of Work	Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/>	5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input type="checkbox"/>
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"/>	5.a State Lease No.	N/A
c. Name of Operator	Gulf Oil Corporation	7. Unit Agreement Name	N/A
d. Address of Operator	1720 South Bellaire Street, Denver, Colorado 80222	8. Farm or Lease Name	Armijo
e. Location of Well	UNIT LETTER <u>K</u> LOCATED <u>1,500</u> FEET FROM THE <u>S</u> LINE	9. Well No.	S-TG-6
AND <u>1,500</u> FEET FROM THE <u>W</u> LINE OF SEC. <u>25</u> TWP. <u>3S</u> RGE. <u>2W</u> NMPM		10. XXXXXX Wildcat	Socorro
		12. County	Socorro
		19. Proposed Depth	500'
		19A. Formation	Popatosa
		20. Rotary or C.T.	Rotary
1. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
5,600' GL	8078 70 40	Not yet known.	Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1½" PVC	1½#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1½" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for ±1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

by Glen E. Campbell Title Geothermal Supervisor

Date

APR 17 1979

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APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST

DATE

4/23/79

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well Geothermal Producer <input type="checkbox"/> Temp. Observation <input checked="" type="checkbox"/> Low-Temp Thermal <input type="checkbox"/> Injection/Disposal <input type="checkbox"/>	7. Unit Agreement Name
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name Armijo
3. Address of Operator 1720 So. Bellaire St., Denver, Colo. 80222	9. Well No. 6
4. Location of Well Unit Letter K 1,400 Feet From The S Line and 1,700 Feet From The W Line, Section 25 Township 3S Range 2W NMPM.	10. Water or Wildcat. Socorro
15. Elevation (Show whether DF, RT, GR, etc.) 5,600' GL	12. County Socorro

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

NOTICE OF INTENTION TO:

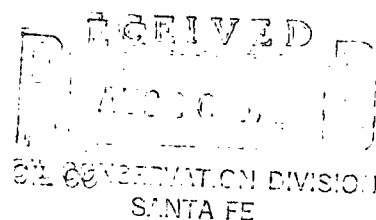
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" 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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED Alan E. Campbell TITLE Geothermal Supervisor DATE 8-16-79
G. E. CampbellAPPROVED BY Carl Uluog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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

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

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 Armijo
9. Well No. S-TG-5
10. XXXXXXXXXX Wildcat Socorro
12. County Socorro
19. Proposed Depth 500'
19A. Formation or Popatosa Luis Lopez
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 5,840' GL
21A. Kind & Status Plug. Bond 8078 70 40
21B. Drilling Contractor Not yet known.
22. Approx. Date Work will start Apr. 18, 1979

a. Type of Work Drill ☒ Deepen ☐ Plug Back ☐

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

Name of Operator
Gulf Oil Corporation

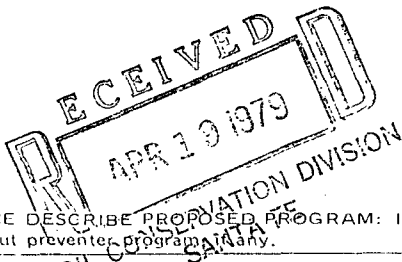
Address of Operator
1720 South Bellaire Street; Denver, Colorado 80222

Location of Well UNIT LETTER K LOCATED 2,300 FEET FROM THE S LINE
ND 2,400 FEET FROM THE W LINE OF SEC. 26 TWP. 3S RGE. 2W NMPM

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1 1/2" PVC	1 1/2#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1 1/2" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for +1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.



APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

By Allen E. Campbell Title Geothermal Supervisor Date APR 17 1979

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APPROVED BY Carl Ullvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79
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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS5. Indicate Type of Lease
State ☐ Fee ☒5.a State Lease No.
N/A

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 ☐ Temp. Observation ☒
Low-Temp Thermal ☐ Injection/Disposal ☐2. Name of Operator
Gulf Oil Corporation3. Address of Operator
1720 So. Bellaire St., Denver, Colo. 802224. Location of Well
Unit Letter L 2,300 Feet From The S Line and 400 Feet From
The W Line, Section 26 Township 3S Range 2W NMPM.

7. Unit Agreement Name

8. Farm or Lease Name
Armijo9. Well No.
510. ~~Geothermal~~ or Wildcat
Socorro

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

6,005' GL

12. County
Socorro

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

NOTICE OF INTENTION TO:

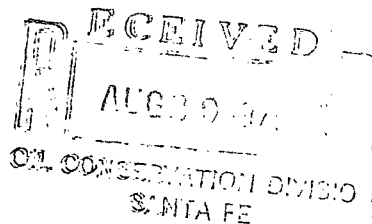
PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐ CHANGE PLANS ☐OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG & ABANDONMENT ☒
CASING TEST AND CEMENT JOB ☐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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

CONDITIONS OF APPROVAL, IF ANY:

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P. O. Box 2088, Santa Fe 87501

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

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

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
N/A
8. Farm or Lease Name
Armijo

2. Name of Operator
Gulf Oil Corporation
3. Address of Operator
1720 South Bellaire Street, Denver, Colorado 80222

9. Well No.
S-TG-4
10. ~~XXXXXXXXXX~~ Wildcat
Socorro

4. Location of Well UNIT LETTER D LOCATED 500 FEET FROM THE N LINE
AND 300 FEET FROM THE W LINE OF SEC. 35 TWP. 3S RGE. 2W NMPM

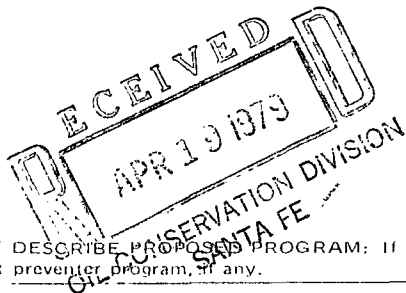
12. County
Socorro

11. Elevations (Show whether DF, RT, etc.) 5,730' GL
21A. Kind & Status Plug. Bond 8078 70 40
19. Proposed Depth 500'
20. Rotary or C.T. Rotary
21B. Drilling Contractor Not yet known.
22. Approx. Date Work will start Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1 1/2" PVC	1 1/2#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
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APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

By Glen E. Campbell Title Geothermal Supervisor Date APR 17 1979

(This space for State Use)

APPROVED BY Carl Ulvåg TITLE SENIOR PETROLEUM GEOLOGIST DATE 4/23/79
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P. O. Box 2088, Santa Fe 87501

SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well	Geothermal Producer <input type="checkbox"/>	Temp. Observation <input checked="" type="checkbox"/>	7. Unit Agreement Name
	Low-Temp Thermal <input type="checkbox"/>	Injection/Disposal <input type="checkbox"/>	
2. Name of Operator	Gulf Oil Corporation		8. Farm or Lease Name
			Armijo
3. Address of Operator	1720 So. Bellaire St., Denver, Colo. 80222		9. Well No.
			4
4. Location of Well	Unit Letter D 500 Feet From The N Line and 300 Feet From		10. Water or Wildcat
	The W Line, Section 35 Township 3S Range 2W NMPM.		Socorro
15. Elevation (Show whether DF, RT, GR, etc.)			12. County
5,730' GL			Socorro

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

NOTICE OF INTENTION TO:

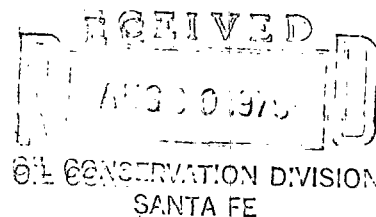
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" 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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED Allen E. Campbell TITLE Geothermal Supervisor DATE 8-16-79
G. E. Campbell

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-26-79

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NEW MEXICO OIL CONSERVATION COMMISSION

P. O. Box 2088, Santa Fe 87501

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

BLM

5. Indicate Type of Lease

STATE ☐ FEE ☐

5.a State-Lease No.

N/A

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

N/A

8. Farm or Lease Name

Strozzi

2. Name of Operator
Gulf Oil Corporation

9. Well No.

S-TG-9

3. Address of Operator
1720 South Bellaire Street, Denver, Colorado 8022210. ~~XXXXXX~~ Wildcat
Socorro4. Location of Well UNIT LETTER L LOCATED 2,500 FEET FROM THE S LINEAND 400 FEET FROM THE W LINE OF SEC. 36 TWP. 3S RGE. 2W NMPM12. County
Socorro

19. Proposed Depth

500'

19A. Formation

Papatosa

20. Rotary or C.T.

Rotary

1. Elevations (Show whether DF, RT, etc.)

5,765' GL

21A. Kind & Status Plug. Bond

8078 70 40

21B. Drilling Contractor

Not yet known.

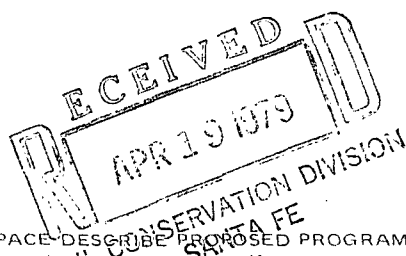
22. Approx. Date Work will start

Apr. 18, 1979

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
6"	1½" PVC	½#/ft.	500'	N/A	-1'

1. Drill through colluvium. Set surface casing if needed.
2. Drill 6" hole with mud or air to 500'.
3. Hang 500' of 1½" ID PVC pipe in hole. Pipe to be bull-plugged on bottom and filled with clear water.
4. Hole will set undisturbed for ± 1 month, then will be temperature-logged.
5. Following logging, hole will be abandoned by digging out around top to depth of 5', casing will be cut off and capped with cement slurry. Hole then will be back-filled with dirt and the location restored to pre-well conditions.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 7/22/79
UNLESS DRILLING UNDERWAY

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.

Alan E. Campbell

Title Geothermal Supervisor

Date

APR 17 1979

(This space for State Use)

APPROVED BY

Carl Ulvog

TITLE

SENIOR PETROLEUM GEOLOGIST

DATE

4/23/79

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NEW MEXICO OIL CONSERVATION COMMISSION
P. O. Box 2088, Santa Fe 87501SUNDRY NOTICES AND REPORTS
ON
GEOTHERMAL RESOURCES WELLS

5. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5.a State Lease No.
N/A

Do Not Use This Form for Proposals to Drill or to Deepen or Plug Back to a Different Reservoir. Use "Application For Permit -" (Form G-101) for Such Proposals.)

1. Type of well	Geothermal Producer <input type="checkbox"/>	Temp. Observation <input checked="" type="checkbox"/>	7. Unit Agreement Name
	Low-Temp Thermal <input type="checkbox"/>	Injection/Disposal <input type="checkbox"/>	
2. Name of Operator	Gulf Oil Corporation		8. Farm or Lease Name
			Strozzi
3. Address of Operator	1720 So. Bellaire St., Denver, Colo. 80222		9. Well No.
			9
4. Location of Well	Unit Letter H 1,600 Feet From The N Line and 800 Feet From		10. Surface or Wildcat
	The E Line, Section 36 Township 3S Range 2W NMPM.		Socorro
15. Elevation (Show whether DF, RT, GR, etc.)			12. County
5,550' GL			Socorro

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

NOTICE OF INTENTION TO:

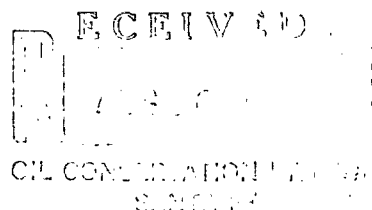
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	
OTHER <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG & ABANDONMENT <input checked="" 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.

Dirt was dug out around top of hole with a backhoe to a depth of 5', the 2" PVC pipe was cut off at 5' and capped with cement slurry. Hole was back-filled with dirt and the surface was restored to near pre-well conditions.



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

SIGNED G. E. Campbell TITLE Geothermal Supervisor DATE 8-16-79

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 10-24-79

CONDITIONS OF APPROVAL, IF ANY: