

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Department  
 Duplicate—Bureau

**RECEIVED**

JAN 14 1991

**REPORT OF SUBSURFACE INJECTIONS** *Spt. of Minerals*

Producer APACHE CORPORATION Month of DECEMBER, 1990

Address 1700 LINCOLN ST., SUITE 1900 DENVER, CO 80203

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	46,115	BW	938	Garrett Ranch	5185-5836
Trap Springs	20X	179,109	BW	918	Paleozoic	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	BW	0	Guilmette	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Frank M. [Signature]*

Position OPERATIONS CLERK III

Date JANUARY 11, 1991, 1991

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STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
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Dept. of Minerals

**REPORT OF SUBSURFACE INJECTIONS**

Producer APACHE CORPORATION Month of NOVEMBER, 1990

Address 1700 LINCOLN ST., STE. 1000 DENVER, CO 80203

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	50,231	BW	1198	GARRETT RANCH	5185-5836
Trap Springs	20X	168,238	BW	930	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	BW	0	GUILMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Pamela Livingston*

Position OPERATIONS CLERK III

Date DECEMBER 13, 1990

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
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**REPORT OF SUBSURFACE INJECTIONS** Dept. of Minerals

Producer APACHE CORPORATION Month of OCTOBER, 19 90

Address 1700 LINCOLN ST., SUITE 1900 DENVER, CO 80203

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	50,939	BW	1045	CARRETT RANCH	5815-5836
Trap Springs	20K	175,483	BW	897	PALEOZOIC	5030-5160
<u>GRANT CANYON</u>						
Grant Canyon	1		BW	0	GUILMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Ronald M. Gagliardi*

Position OPERATIONS CLERK III

Date NOVEMBER 16, 19 90

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
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**REPORT OF SUBSURFACE INJECTIONS**

Dept. of Minerals

Producer APACHE CORPORATION Month of SEPTEMBER, 1990

Address 1700 LINCOLN ST., SUITE 1900 DENVER, CO 80203

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	45,358	BW	1010	GARRETT RANCH	5815-5836
Trap Springs	20X	179,917	BW	916	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	BW	0	GUILMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Danda M. Light*

Position OPERATIONS SUPERVISOR

Date OCTOBER 28, 1990

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
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 (702) 885-5050

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**REPORT OF SUBSURFACE INJECTIONS**

Dept. of Minerals

Producer APACHE CORPORATION Month of AUGUST, 1990

Address 1700 LINCOLN ST., SUITE 1900 DENVER, CO 80203

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	49,355	BW	973	GARRETT RANCH	5815-5836
Trap Springs	20X	178,202	BW	910	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	BW	973	GUILMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Ronald M. Sullivan*  
 Position OPERATIONS CLERK III  
 Date SEPTEMBER 24, 1990

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
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**REPORT OF SUBSURFACE INJECTIONS of Minerals**

Producer.....APACHE CORPORATION..... Month of.....JULY....., 1990..

Address.....1700 Lincoln St., Suite 1900 Denver, CO 80203-4519.....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	42,177	Bbls.	963	GARRETT RANCH	5815-5836
Trap Springs	20X	151,332	Bbls.	886	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon 1	1	0		0	GULMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature.....*Pamela Dwyer*.....

Position.....OPERATIONS CLERK, LEE.....

Date.....August 24....., 1990..

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
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## REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of JUNE, 1990

Address 1700 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	17,193.00 bbls.		556	GARRETT RANCH	5815-5836
Trap Springs	20X	103,233.00 bbls.		875	PALEOZOIC	5050-5160
Grant Canyon	1	0		0	GULMETTE	4374-4426

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Samuel J. [Signature]*

Position OPERATIONS CLERK

Date JULY 23, 1990

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STATE OF NEVADA  
DEPARTMENT OF MINERALS

Original—Department  
Duplicate—Bureau

JUN 27 1990

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Dept. of Minerals  
**REPORT OF SUBSURFACE INJECTIONS**

Producer APACHE CORPORATION Month of MAY, 1990

Address 1700 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	22,070	.00 bbls	907	GARRETT RANCH	5815-5836
Trap Springs	20X	98,979	.00 bbls	907	PALEOZOIC	5050-5160

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Yvonne M. Silva*  
Position OPERATIONS CLERK  
Date June 25, 1990



STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

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## REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of APRIL, 1990

Address 1700 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	43,346.00	bbls	736	GARRETT RANCH	5815-5836
Trap Springs	20X	153,017.00	bbls	868	PALEOZOIC	5050-5160

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Gronne M. Silva*  
 Position OPERATIONS CLERK

Date MAY 30, 1990

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Department  
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## REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of MARCH, 1990

Address 1700 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	40,574.00	bbls	680	GARRETT RANCH	5815-5836
Trap Springs	20X	169,101.00	bbls	873	PALEOZOIC	5050-5160

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature [Handwritten Signature]  
 Position OPERATIONS CLERK II  
 Date April 25, 1990

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Department  
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## REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of FEBRUARY, 1990

Address 1800 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	38,606.00 bbls	696		GARRETT RANCH	5815-5036
Trap Springs	20X	153,857.00 bbls	821		PALEOZOIC	5050-5160

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Gronner Silva*  
 Position OPERATIONS CLERK II  
 Date March 22, 1990, 1990

STATE OF NEVADA  
**DEPARTMENT OF MINERALS**  
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MAR 02 1990

DEPT OF MINERALS

**REPORT OF SUBSURFACE INJECTIONS**

Producer APACHE CORPORATION Month of JANUARY, 1990

Address 1700 Lincoln St., Suite 1900, Denver, CO 80203-4519

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
<u>TRAP SPRINGS</u>						
Trap Springs	13	43,867	.bbls	951	GARRETT RANCH	5815-5836
Trap Springs	20X	171,455	.bbls	787	PALEOZIC	5050-5160

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *[Handwritten Signature]*

Position OPERATION CLERK II

Date February 26, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&C File

REPORT OF SUBSURFACE INJECTIONS

Producer..... Makoil, Inc. ..... Month of December, 1990  
Address..... 2450 Chandler, Suite 1 .....  
Las Vegas, NV 89120 .....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		77,488	700 psi	Volcanic	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *[Handwritten Signature]* .....

Position..... Consultant .....

Date..... January 31, 1991 .....

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Dept. Well File  
 Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Makoil, Inc.

December

90

Producer..... 2450 Chandler, Suite 1  
 Address..... Las Vegas, NV 89120

Month of....., 19.....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		23,886	300 psi	Dolomitic Limestone	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Greg England*  
 Consultant

Position.....

Date..... January 31, 1991

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of November, 1990  
 Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		21,710	300 psi	Volcanics	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Ryland*  
 Position Consultant  
 Date December 28, 1990

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Dept. Well File  
 Duplicate—Dept. NBM&G File

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JAN 09 1991

REPORT OF SUBSURFACE INJECTIONS of Minerals

Producer..... **Makoil, Inc.** ..... Month of..... **November** ..... 19**90**  
 Address..... **2450 Chandler, Suite 1** .....  
 Address..... **Las Vegas, NV 89120** .....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		74,095	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Gregg K. Howard* .....  
 Position..... **Consultant** .....  
 Date..... **December 28** ..... 19**90**



STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Dept. Well File  
 Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Makoil, Inc.

November

90

Producer.....  
 2450 Chandler, Suite 1  
 Address..... Las Vegas, NV 89120

Month of....., 19.....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		21,710	300 psi	Dolomitic Limestone	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature.....  
 Consultant

Position.....  
 December 31

Date....., 19.....

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original--Dept. Well File  
Duplicate--Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer..... Makoil, Inc. Month of..... November 19..... 90  
Address..... 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		74,095	700 psi	Volcanic	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Greg Volvati*

Position..... Consultant

Date..... December 31, 19..... 90

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer..... **Makoil, Inc.** Month of..... **October**, 19..... **90**  
 Address..... **2450 Chandler, Suite 1**  
                   **Las Vegas, NV 89120**

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		17,020	300 psi	Volcanics	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *[Handwritten Signature]*  
                   **Consultant**  
 Position.....  
 Date..... **November 30**, 19..... **90**

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer..... **Makoil, Inc.** ..... Month of..... **October** ..... 19..... **90**  
 Address..... **2450 Chandler, Suite 1** .....  
               **Las Vegas, NV 89120** .....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		72,973	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *[Handwritten Signature]* .....  
 Position..... **Consultant** .....  
 Date..... **November 30** ..... 19..... **90**

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Makoil, Inc.

October

90

Producer..... 2450 Chandler, Suite 1  
Address..... Las Vegas, NV 89120

Month of..... (Amended)....., 19.....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		21,941	300 psi	Dolomitic Limestone	5,020'

Remarks: This is an amended report for fluids injected October 1990.

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Bruce Koglowski*.....  
Consultant

Position.....

Date..... January 31....., 19..... 91

STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
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## REPORT OF SUBSURFACE INJECTIONS

Makoil, Inc. October 90

Producer..... 2450 Chandler, Suite 1 Month of..... (Amended), 19.....

Address..... Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		72,873	700 psi	Volcanics	4,730'

Remarks: This is an amended report for fluids injected October 1990.

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Greg Johnson*

Position..... Consultant

Date..... January 31, 19..... 91

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

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REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of September, 1990  
 Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		20,040	300 psi	Volcanics	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Molyneux*  
 Position Consultant  
 Date October 30, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

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Duplicate--Dept. NDM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc.

Month of September, 1990

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		71,013	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Gregg Hoffmann*

Position Consultant

Date October 30, 1990



STATE OF NEVADA  
DEPARTMENT OF MINERALS  
400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer.....Makoil, Inc..... Month of... August ....., 19 90

Address.....2450 Chandler, Suite 1.....  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		16,706	300 psi	Volcanics	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature..... *Kurt Kozlowski* .....

Position..... Consultant .....

Date..... October 30 ....., 19 90

## REPORT OF SUBSURFACE INJECTIONS

Producer.....Makoil, Inc...... Month of August....., 1990.

Address.....2450 Chandler, Suite 1  
Las Vegas, NV 89120.....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		67,756	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature.....[Signature].....

Position.....Consultant.....

Date.....October 30....., 1990.

STATE OF NEVADA  
 DEPARTMENT OF MINERALS  
 400 W. King Street, Suite 106  
 Carson City, Nevada 89710  
 (702) 885-5050

Original—Dept. Well File  
 Duplicate—Dept. NBM&G File

## REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of July, 19 90

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	11-23		2,378	300 psi	Volcanics	5,020'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Kyzanski*

Position Consultant

Date October 30, 19 90

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NDM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc.

Month of July, 1990

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids Injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or bbl.			
Trap Spring/Munson Ranch	24-3		59,949	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Hylawski*

Position Consultant

Date October 30, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of June, 1990

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or bbl.			
Trap Spring/Munson Ranch	24-3		59,097	700 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Kefauver*

Position Consultant

Date October 30, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of May, 1990

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or lbl.			
Trap Spring/Munson Ranch	24-3		60,183	800 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Johnson*

Position Consultant

Date October 30, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer.....Makoil, Inc. Month of...April....., 1990

Address.....2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		55,504	800 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature.....*Greg Mayhew*.....

Position.....Consultant.....

Date.....October 30....., 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer... Makoil, Inc. ..... Month of... March ....., 1990..

Address... 2450 Chandler, Suite 1  
Las Vegas, NV 89120 .....

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		58,564	800 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature... [Handwritten Signature] .....

Position... Consultant .....

Date... October 30 ....., 1990..



STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of February, 1990

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		51,789	800 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Paul H. [unclear]*

Position Consultant

Date October 30, 1990

STATE OF NEVADA  
DEPARTMENT OF MINERALS

400 W. King Street, Suite 106  
Carson City, Nevada 89710  
(702) 885-5050

Original—Dept. Well File  
Duplicate—Dept. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of January, 19 90

Address 2450 Chandler, Suite 1  
Las Vegas, NV 89120

Show each injection well separately. File not later than 15th of month immediately following month covered by this report.

Field and lease name	Well No.	Fluids injected		Injection pressure	Reservoir formation	Reservoir depth
		Gas or other	MCF or Bbl.			
Trap Spring/Munson Ranch	24-3		56,091	800 psi	Volcanics	4,730'

Remarks:

I certify this information to be true, correct and complete and that no pertinent matter inquired about in this report has been omitted.

Signature *Greg Ryland*

Position Consultant

Date October 30, 19 90



RECEIVED

*Dec*  
JAN 03 1990

Dept. of Minerals

November 28, 1990

Russell Fields  
State of Nevada  
Department of Minerals  
400 W. King St., Suite 106  
Carson City, NV 89710

Submission of Injection Reports for  
Munson Ranch #24-3 and Munson Ranch #11-23

Dear Mr. Fields:

Enclosed please find monthly injection report forms (Form 7A) documenting subsurface injection of produced oil field water into Munson Ranch #24-3 from February, 1986 through September, 1990. Also enclosed are monthly injection report forms for Munson Ranch #11-23 from July, 1990 through September, 1990.

I apologize for any inconvenience that might have resulted from the absence of this information and can assure you that all future reports will be sent on a timely basis.

Sincerely,

Gregg Kozlowski  
Exploration Manager

Enclosures