

STATE OF NEVADA
 DIVISION OF MINERAL RESOURCES
 Capitol Complex—201 South Fall Street
 Carson City, Nevada 89710
 Telephone (702) 885-4368

Original—Division—Well
 Duplicate—Division

REPORT OF SUBSURFACE INJECTIONS

Producer CHADCO, INC. Month of February, 1986
 SUITE 41-B, 4700 South 9th East
 Address Salt Lake City, Utah 84117

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 SPRINGS FIELD Munson Ranch 24-1 Sec. 24, T9N-R56E	24-1	Water	13,731	1400		

Remarks: CHADCO - bbls disposed 4,689
 WESTERN AVENUE PROPERTIES - bbls disposed 9,042
13,731

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

Signature BC Rex
 Position Engineering Technician
 Date April 1, 1986

STATE OF NEVADA
 DIVISION OF MINERAL RESOURCES
 Capitol Complex—201 South Fall Street
 Carson City, Nevada 89710
 Telephone (702) 885-4368

Original—Division—Well
 Duplicate—Division

REPORT OF SUBSURFACE INJECTIONS

Producer..... CHADCO, INC. Month of..... JANUARY, 1986...
 SUITE 41-B, 4700 South 9th East
 Address..... Salt Lake City, Utah 84117

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 SPRINGS FIELD Munson Ranch 24-1 Sec. 24, T9N-R56E	24-1	Water	26,030	1400		

Remarks: CHADCO - bbls disposed 9,602
 WESTERN AVENUE PROPERTIES - bbls disposed 16,428
26,030

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

Signature..... BC Rex
 Position..... Engineering Technician
 Date..... FEBRUARY 26, 1986...

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

Original - Department
 Duplicate - Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer ARACHE CORPORATION/HARPER OIL Month of DECEMBER, 19 86

Address 1700 Lincoln St., Suite 4900, 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	50,735	.00 bbls	463	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	190,749	.00 bbls	1016	Paleozoic	5040-5160

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 Geronimo M. Silva

Position PRODUCTION TECHNICIAN

Date January 26, 19 86

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

Original—Department
 Duplicate—Bureau

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REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION/HARPER OIL Month of NOVEMBER, 1986

Address 1700 Lincoln St., Suite 4900, 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	51,867.00	BBL'S	529	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	195,936.00	BBL'S	948	Paleozic	5040-5160

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 PRODUCTION TECHNICIAN

Date December 17, 1986

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

Original—Department
 Duplicate—Bureau

10.6 1986

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY/APACHE CORPORATION Month of OCTOBER, 19 86

Address 1700 Lincoln St., Suite 4900, 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	8223	.00 bbls.	634	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	150,965	.00 bbls.	738	Paleozic	5040-5160

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 PRODUCTION TECHNICIAN

Date December 2, 19 86

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION/HARPER OIL COMPANY Month of SEPTEMBER, 1986

Address 1700 Lincoln St., Suite 4900, 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	0	.00 bbls	-	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	128,919	.66 bbls	571	Paleozoic	5040-5160

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 Guome M. Silva

Position PRODUCTION TECHNICIAN

Date October 28, 1986

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY Month of AUGUST, 19 86

Address P.O. BOX 5928, T.A., DENVER, CO 80217

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	0	.00 bbls	0	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	130,909	.80 bbls	583	Paleozic	5040-5160

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 *Francisco M. Silva*
 Position PRODUCTION STATISTICIAN
 Date September 22, 19 86

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY Month of JULY, 1986

Address P.O. BOX 5928, T.A., DENVER, CO. 80219

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 SPRINGS AUG 27 1986						
Trap Springs DEPT. OF MINERALS	13	0	.00 bbls	0	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	161,455	.00 bbls	638	Paleozic	5040-5160

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 *Harmon M. Shaw*

Position PRODUCTION STATISTICIAN

Date AUGUST 20, 1986

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY Month of JUNE, 19 86

Address P.O. BOX 5928, T.A., DENVER, CO. 80217

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	236	.00 bbl	0	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	169,889	.00 bbl	723	Paleozoic	5040-5160

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 *Gregory M. Schaefer*

Position PRODUCTION STATISTICIAN

Date JULY 21, 19 86

STATE OF NEVADA
DEPARTMENT OF MINERALS

Original—Department
 Duplicate—Bureau

JUN 30 1984
 400 W. King Street, Suite 106
 Carson City, Nevada 89710
 (702) 885-5050

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY Month of MAY, 1986

Address P.O. BOX 5928, T.A., DENVER, CO. 80217

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	19,172	.00 bbl.	185	Garrett Ranch Volcanics	5815-5936
Trap Springs	20X	142,900	.00 bbl.	759	Paleozoic	5040-5160

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 PRODUCTION STATISTICIAN

Date MAY 10, 1986

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer WARPER OIL COMPANY Month of APRIL, 1986

Address P.O. BOX 5928, T.A., DENVER, CO 80217

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	45,899.00	bbl.	549	Garrett Ranch Volcanics	5815-5836
Trap Springs	20X	157,799.00	bbl.	714	Paleozoic	5040-5160

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 *Guillermo Silva*

Position PRODUCTION STATISTICIAN

Date MAY 8, 1986

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

APR 30 1986

Producer HARPER OIL COMPANY Month of MARCH, 1986

Address P.O. BOX 5028, T.A. DENVER, CO 80217

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	36,452	.00 bbl.	251	Garrett Ranch Volcanics	5915-5936
Trap Springs	20X	142,799	.00 bbl.	614	Paleozic	5040-5160

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 PRODUCTION STATISTICIAN

Date April 21, 1986, 1986

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

Original - Department
 Duplicate - Bureau

REPORT OF SUBSURFACE INJECTIONS

WAK 31 1986

Producer HARPER OIL COMPANY Month of FEBRUARY, 1986
 Address P.O. Box 5022, T.A. Denver, CO 80217

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	43,050	.00 bbl	507	Garret Ranch Volcanics	5815-5836
Trap Springs	20X	132,892	.00 bbl	877	Paleozic	5040-5160

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 Gwonne M. Silva
 Position PRODUCTION STATISTICIAN
 Date March 6, 1986

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

Original—Department
 Duplicate—Bureau

REPORT OF SUBSURFACE INJECTIONS

Producer HARPER OIL COMPANY Month of JANUARY, 1986

Address P.O. Box 5928, T.A., Denver, CO 80217

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	45,976	.00 bbl.	397	Garret Ranch Volcanics	5015-5836
Trap Springs	20X	160,268	.00 bbl.	809	Paleozic	5040-5167

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 PRODUCTION STATISTICIAN
 Date February 13, 1986

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 December, 1986

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		19,568	300psi	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 Koford*

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 November, 1986

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		19,938	300psi	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 *Gary K. H. [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 October, 19 86

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		18,463	300psi	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 Hylton*

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. NBM&G File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of September, 1986
 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		18,711	280psi	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 *Gross Hozlandi*

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, 1986

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		20,068	260psi	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 *Guss Haglund*

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, 1990 '86 VE
 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		19,565	250psi	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 K. [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 May, 1986

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		19,472	230psi	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 *Gary Hefner*

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 126 VE

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		20,500	80 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 J. Gylowski*

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&C File

REPORT OF SUBSURFACE INJECTIONS

Producer Makoil, Inc. Month of February, 1990 186 Kd

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		6,347	60 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. [unclear]*

Position Consultant

Date October 30, 1990