

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

JAN 13 1992

Dept. of Minerals

REPORT OF SUBSURFACE INJECTIONS

Producer Apache Corporation Month of December 19 91
Address 1700 Grand Ave 1400 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>						
<u>TRAP SPRINGS</u>	<u>13</u>	<u>35061 BW</u>		<u>471</u>	<u>GARRETT RANCH</u>	<u>5185-5836</u>
<u>TRAP SPRINGS</u>	<u>20X</u>	<u>132476 BW</u>		<u>557</u>	<u>PALEOZOIC</u>	<u>5050-5160</u>
<u>GRANT CANYON</u>						
<u>GRANT CANYON</u>	<u>1</u>	<u>0 BW</u>		<u>0</u>	<u>COLUMBETE</u>	<u>4374-4426</u>

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 [Signature]
Date January 7 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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 DEC 09 1991
 Dept. of Minerals

REPORT OF SUBSURFACE INJECTIONS

Producer: Apache Corporation Month of December, 1991
 Address: 1700 Pender St., Ste. 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>						
<u>TRAP SPRINGS</u>	<u>13</u>	<u>33057 BW</u>		<u>562</u>	<u>GARRET RANCH</u>	<u>5185-5836</u>
<u>TRAP SPRINGS</u>	<u>20X</u>	<u>129219 BW</u>		<u>707</u>	<u>PALEOZOIC</u>	<u>5050-5160</u>
<u>GRANT CANYON</u>						
<u>GRANT CANYON</u>	<u>1</u>	<u>1653 BW</u>		<u>0</u>	<u>GULMETER</u>	<u>4374-4426</u>

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: Operator, M&G
 Date: December 6, 1991

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 October, 1991
 Address 1700 Lincoln St., Ste 1400 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>						
<u>TRAP SPRINGS</u>	<u>13</u>	<u>32965 BW</u>		<u>516</u>	<u>GARRETT RANCH</u>	<u>5185-5836</u>
<u>TRAP SPRINGS</u>	<u>20X</u>	<u>103433 BW</u>		<u>614</u>	<u>PALEOZOIC</u>	<u>5050-5160</u>
<u>GRANT CANYON</u>						
<u>GRANT CANYON</u>	<u>1</u>	<u>9635 BW</u>		<u>18</u>	<u>GUILMETTE</u>	<u>4374-4426</u>

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 Phyllis R. Kupper
 Position Operator
 Date November 13, 1991

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

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OCT 15 1991

REPORT OF SUBSURFACE INJECTIONS Dept. of Minerals

Producer APACHE CORPORATION Month of SEPTEMBER, 1991

Address 1700 LINCOLN ST, STE 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>						
<u>TRAP SPRINGS</u>	<u>13</u>	<u>39509 BW</u>		<u>856</u>	<u>GARRETT RANCH</u>	<u>5185-5836</u>
<u>TRAP SPRINGS</u>	<u>20X</u>	<u>161489 BW</u>		<u>759</u>	<u>PALEOZOIC</u>	<u>5050-5160</u>
<u>GRANT CANYON</u>						
<u>GRANT CANYON</u>	<u>1</u>	<u>0 BW</u>		<u>0</u>	<u>GUILMETTE</u>	<u>4374-4426</u>

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 Club III

Date October 11, 1991

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

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SEP 13 1991

REPORT OF SUBSURFACE INJECTIONS Dept. of Minerals

Producer APACHE CORPORATION Month of AUGUST, 1991

Address 1700 LINCOLN STREET, 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	47,571 BW		1107	GARRETT RANCH	5185-5836
Trap Springs	20X	165,391 BW		776	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	16,102 BW		36	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 *Samuel M. Light*

Position SR. OPERATIONS CLERK

Date SEPTEMBER 11, 1991, 1991

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 JULY, 19 91

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	49,476	BW	1036	GARBETT RANCH	5185-5836
Trap Springs	20X	165,303	BW	727	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	19,936	BW	28	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 *Arnold M. Hight*

Position SR. OPERATIONS CLERK

Date AUGUST 20, 19 91

STATE OF NEVADA
DEPARTMENT OF MINERALS
400 W. King Street, Suite 206
Carson City, Nevada 89710
(702) 885-5050

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AMENDED REPORT

REPORT OF SUBSURFACE INJECTIONS

JUNE

Producer APACHE CORPORATION Month of ~~MAY~~, 1991

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	39,619	BW	753	GARRETT RANCH	5185-5836
Trap Springs	20X	144,557	BW	633	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	16,699	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 *Amelia M. Lighter*

Position SR. OPERATIONS CLERK

Date JULY 11, 1991

AMENDED REPORT

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 JULY, 1991

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	39,619	BW	753	GARRETT RANCH	5185-5836
Trap Springs	20X	144,557	BW	633	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	16,699	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 [Signature]

Position SR. OPERATIONS CLERK

Date JULY 11, 1991

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Dept. of Minerals

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DEPARTMENT OF MINERALS
400 W. King Street, Suite 106
Carson City, Nevada 89710
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AMENDED REPORT

REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of MAY, 1991

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	50,908	BW	1189	GARRETT RANCH	5185-5836
Trap Springs	20X	170,078	BW	800	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	684	BW	0.0	GUILMETTE	4374-4426

Remarks:

FIRST INJECTION INTO GRANT CANYON #1 WAS 5/31/91.

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

Signature *Annella M. Dugan*

Position SR. OPERATIONS CLERK

Date JUNE 4, 1991

AMENDED REPORT

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 MAY, 1991

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	50,908	BW	1189	GARRETT RANCH	5185-5836
Trap Springs	20X	170,078	BW	800	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 *Donald M. [Signature]*

Position SR. OPERATIONS CLERK

Date JUNE 4, 1991

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

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 Dept. of Minerals

REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of APRIL, 1991

Address 1700 LINCOLN ST., SUITE 1700 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	50,479	BW	1173	GARRETT RANCH	5185-5836
Trap Springs	20X	42,422 168,479	BW	820	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 *[Handwritten Signature]*

Position SR. OPERATIONS CLERK

Date MAY 14, 1991

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

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Dept. of Minerals

REPORT OF SUBSURFACE INJECTIONS

Producer APACHE CORPORATION Month of MARCH, 1991

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	43,002	BW	897	GARRETT RANCH	5185-5836
Trap Springs	20X	172,725	BW	867	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 *Samuel M. Dyer*

Position OPERATIONS CLERK

Date APRIL 11, 1991

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 FEBRUARY Dept. of Minerals 1991

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	42,565	BW	894	GARRUTT RANCH	5185-5836
Trap Springs	20X	153,244	BW	961	PALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	BW	0	EBILMETTE	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 *Donald M. Reynolds*

Position OPERATIONS CLERK

Date MARCH 11, 1991

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Dept. of Minerals

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.....JANUARY....., 1991.....

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	42,660	SW	915	CARRET RANCH	5185-5836
Trap Springs	20X	152,575	SW	917	BALEOZOIC	5050-5160
<u>GRANT CANYON</u>						
Grant Canyon	1	0	SW	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.....*[Handwritten Signature]*.....

Position.....OPERATIONS CLERK.....

Date.....FEBRUARY 14....., 1991.....



REPORT OF SURVEILLANCE INFECTIONS

Administrative header section containing fields for patient name, date, and other identifying information.

Main data table with multiple columns and rows, likely for recording surveillance data.

Bottom section of the form containing additional notes, signatures, and dates.