

ENVIRONMENTAL

No. 60650 E

APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office NOV 10 1994

Returned to applicant for correction _____

Corrected application filed _____

Map filed NOV 10 1994

The applicant ARCO Products Company

P.O. Box 6037, of Artesia
Street and No. or P.O. Box No. City or Town

California 90702-6037, hereby make application for permission to appropriate the public
State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) May 7, 1985 in Delaware

underground

1. The source of the proposed appropriation is _____
Name of stream, lake, spring, underground or other source

0.1338

2. The amount of water applied for is _____ second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet _____
other use (treatment of petroleum-contaminated ground water,

3. The water to be used for _____
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.
no consumptive use)

4. If use is for: _____
N/A

(a) Irrigation, state number of acres to be irrigated _____

(b) Stockwater, state number and kinds of animals to be watered _____
N/A

(c) Other use (describe fully under No. 12. "Remarks") _____
N/A

(d) Power:

(1) Horsepower developed _____

(2) Point of return of water to stream _____

5. The water is to be diverted from its source at the following point _____ located from the center of
Describe as being within a 40-acre subdivision of public
Section 9, Township 21 South, Range 61 East M.D.M: monitoring well MW-1 bears

survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

N88°39'50"W, 885.68' and S01°20'10"W, 383.05; monitoring well MW-2 bears

N88°39'50"W, 843.13' and N01°20'10"E, 345.12' in SW¼ NE¼ sec. 9, T21S, R61E.

SW¼ of the NE¼ of Section 9, Township 21 South, Range 61 East, M.D.M.

6. Place of use _____
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Water extracted from existing monitoring

wells MW-1 and MW-2 (waiver #MO-2253) with submersible pneumatic pump
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works N/A

10. Estimated time required to construct works 2 weeks
If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 5 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

Water to be extracted from existing monitoring wells, (waiver #MO-2253), for remediation of dissolved Benzene, Toluene, Xylenes, and Ethylbenzene (BTXE) via treatment by air stripper. Treated water to be reinjected into aquifer via infiltration trench. See attached sheet.

By s/David B. Howard for
Broadbent & Associates, Inc.
833 Nevada Highway, Suite 4
Boulder City, NV 89005

Compared jr/bk jr/bk

Protested _____

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. The State retains the right to regulate the use of water granted herein at any and all times.

* The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.1338 cubic feet per second, but not to exceed 96.86 acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before _____ *

Proof of completion of work shall be filed before _____

Application of water to beneficial use shall be filed on or before _____ *

Proof of the application of water to beneficial use shall be filed on or before _____ *

Map in support of proof of beneficial use shall be filed on or before _____ *

Completion of work filed _____

Proof of beneficial use filed _____

Cultural map filed _____

Certificate No. _____ Issued _____

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.
State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 31st day of August

A.D. 95
[Signature]
State Engineer

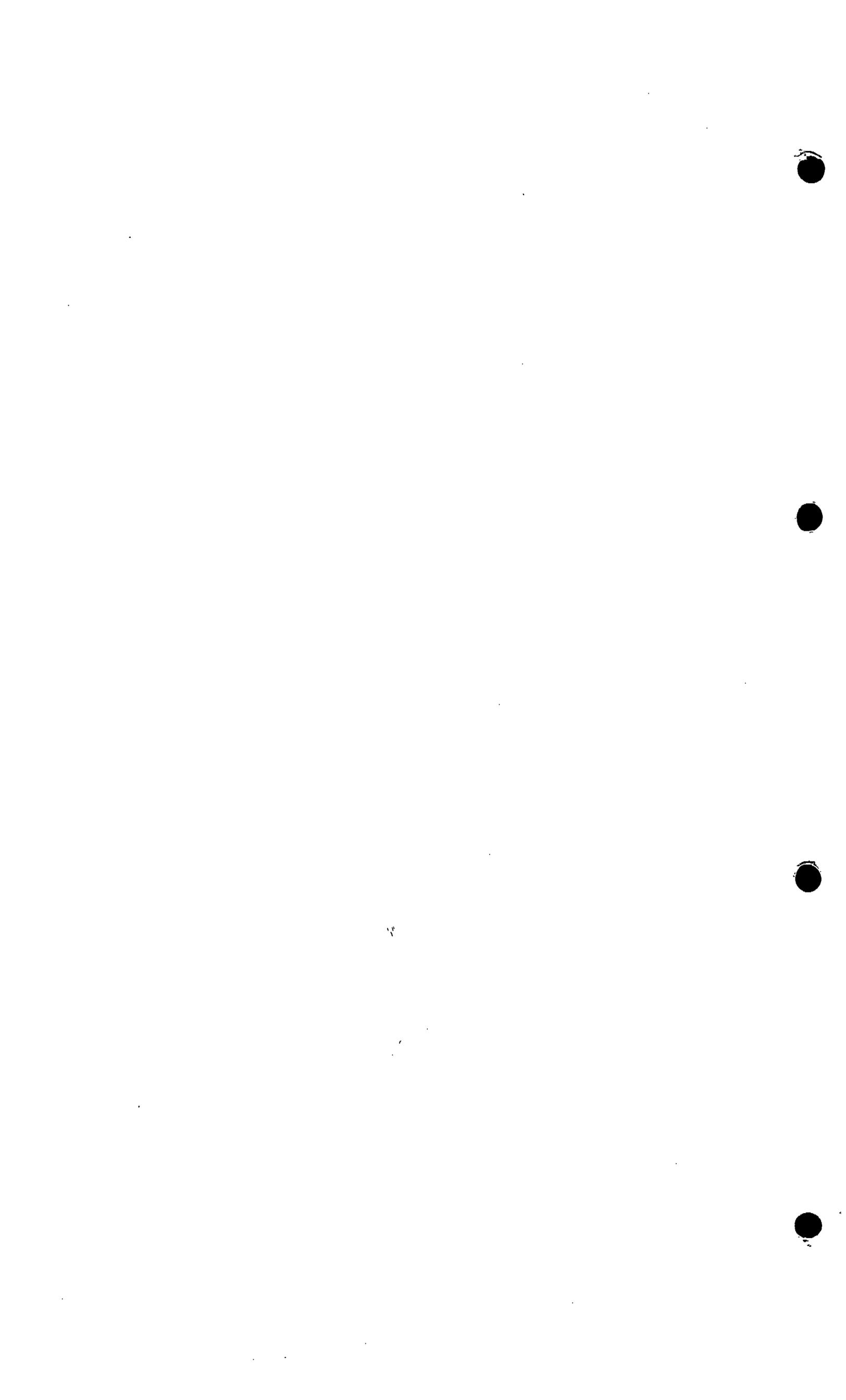
(PERMIT TERMS CONTINUED)

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.



APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. NOV 10 1994

Returned to applicant for correction.

Corrected application filed.

Map filed. NOV 10 1994

The applicant. ARCO Products Company

P.O. Box 6037, of Artesia

Street and No. or P.O. Box No.

City or Town

California 90702-6037, hereby make application for permission to appropriate the public

State and Zip Code No.

waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) May 7, 1985 in Delaware

underground

1. The source of the proposed appropriation is. underground

Name of stream, lake, spring, underground or other source

0.1338

2. The amount of water applied for is. 0.1338 second-feet

One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet. other use (treatment of petroleum-contaminated ground water,

3. The water to be used for. no consumptive use)

Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

N/A

(a) Irrigation, state number of acres to be irrigated.

N/A

(b) Stockwater, state number and kinds of animals to be watered.

N/A

(c) Other use (describe fully under No. 12. "Remarks")

(d) Power:

(1) Horsepower developed.

(2) Point of return of water to stream.

5. The water is to be diverted from its source at the following point. located from the center of

Describe as being within a 40-acre subdivision of public

Section 9, Township 21 South, Range 61 East M.D.M: monitoring well MW-1 bears

survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

N88°39'50"W, 885.68' and S01°20'10"W, 383.05; monitoring well MW-2 bears

N88°39'50"W, 843.13' and N01°20'10"E, 345.12' in SW¼ NE¼ sec. 9, T21S, R61E.

SW¼ of the NE¼ of Section 9, Township 21 South, Range 61 East, M.D.M.

6. Place of use. Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about. January 1, and end about. December 31, of each year.

Month and Day

Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Water extracted from existing monitoring

State manner in which water is to be diverted, i.e. diversion structure, ditches and

wells MW-1 and MW-2 (waiver #MO-2253) with submersible pneumatic pump

fumes, drilled well with pump and motor, etc.

- 9. Estimated cost of works..... N/A
- 10. Estimated time required to construct works..... 2 weeks
If well completed, describe works.
- 11. Estimated time required to complete the application of water to beneficial use..... 5 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:
 Water to be extracted form existing monitoring wells, (waiver #MO-2253), for remediation of dissolved Benzene, Toluene, Xylenes, and Ethylbenzene (BTXE) via treatment by air stripper. Treated water to be reinjected into aquifer via infiltration trench. See attached sheet.

By s/David B. Howard for
 Broadbent & Associates, Inc.
 833 Nevada Highway, Suite 4
 Boulder City, NV 89005

Compared jr/bk jr/bk

Protested

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights on the source. It is understood that the amount of water herein granted is only a temporary allowance for pollution control as mandated by orders issued by the Nevada Division of Environmental Protection and subsequent correspondence with said agency. A totalizing meter must be installed and maintained in the discharge pipeline near the point of diversion and records of this measurement shall be submitted on an annual basis. It is also understood that this right must allow for a reasonable lowering of the static water level of permittee's well due to other ground water development in the area. The well shall be equipped with a 2-inch opening for measuring depth to water. The State retains the right to regulate the use of water granted herein at any and all times.

* The right will cease to exist upon termination of clean up activity as determined by the Nevada Division of Environmental Protection.

Monthly records shall be kept of the amount of water pumped from this well and the records submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 0.1338 cubic feet per second, but not to exceed 96.86 acre-feet annually.

- Work must be prosecuted with reasonable diligence and be completed on or before *
- Proof of completion of work shall be filed before
- Application of water to beneficial use shall be filed on or before *
- Proof of the application of water to beneficial use shall be filed on or before *
- Map in support of proof of beneficial use shall be filed on or before *

ENVIRONMENTAL

Completion of work filed.....
 Proof of beneficial use filed.....
 Cultural map filed.....
 Certificate No..... Issued.....

IN TESTIMONY WHEREOF, R. MICHAEL TURNIPSEED, P.E.,
 State Engineer of Nevada, have hereunto set my hand and the seal of my
 office, this 11th day of April,
 A.D. 95
R. Michael Turnipseed P.E.
 State Engineer

(PERMIT TERMS CONTINUED)

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

This permit is issued pursuant to the provisions of NRS 533.4375. Well drillers reports for any well(s) drilled under this permit shall be filed within 30 days from completion of the well.

Within 30 days after the completion of the project, the permittee shall notify the State Engineer of such completion and all wells shall be plugged and abandoned in accordance with Chapter 534 of the Nevada Administrative Code.

