

ENTERED

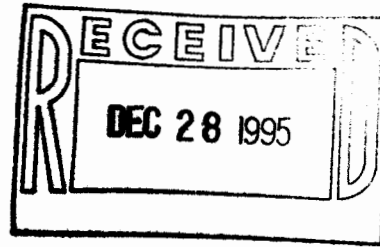
**GIANT**  
REFINING CO.

December 21, 1995

50 Road 4990  
P.O. Box 159  
Bloomfield, New Mexico 87413  
505  
632-8013

**CERTIFIED MAIL NO. P 478 605 030**  
**RETURN RECEIPT REQUESTED**

Michael Chacon  
RCRA Permits Program  
New Mexico Environment Department  
P.O. Box 26110  
Santa Fe, New Mexico 87502



Re: **Revised Part A Application**

Dear Mr. Chacon:

Giant Refining Company - Bloomfield submits the revised Part A application for the Bloomfield Refinery facility. The application is essentially unchanged from the Gary-Williams Energy application for this facility, differing only in the owner, operator, contact and signatory designations.

If you require additional information, please do not hesitate to contact me at (505) 632 8013.

Sincerely:

A handwritten signature in cursive script that reads "Lynn Shelton".


Lynn Shelton  
Environmental Manager  
Giant Refining Company - Bloomfield

TLS/tls

Enclosure

cc: John Stokes, Refinery Manager, Giant Refining Company - Bloomfield  
Kim Bullerdick, Corporate Counsel, Giant Industries Arizona, Inc.  
Kathleen Shildmyer, Regulatory Affairs Coordinator, Giant Industries Arizona, Inc.

<b>For EPA Regional Use Only</b>		
Date Received		
Month	Day	Year



United States Environmental Protection Agency  
Washington, DC 20460

# Hazardous Waste Permit Application Part A

*(Read the Instructions before starting)*

COPY

**I. Installation's EPA ID Number (Mark 'X' in the appropriate box)**

<input type="checkbox"/> A. First Part A Submission	<input checked="" type="checkbox"/> B. Part A Amendment # _____
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C. Installation's EPA ID Number	D. Secondary ID Number (If applicable)
N M D 0 8 9 4 1 6 4 1 6	

**II. Name of Facility**

G I A N T R E F I N I N G C O - B L O O M F I E L D

**III. Facility Location (Physical address not P.O. Box or Route Number)**

A. Street

5 0 C O U N T Y R O A D 4 9 9 0

Street (Continued)

City or Town	State	Zip Code
B L O O M F I E L D	N M	8 7 4 1 3 -

County Code (If known)	County Name
	S A N J U A N

B. Land Type	C. Geographic Location	D. Facility Existence Date
(Enter code)	LATITUDE (Degrees, Minutes, & Seconds)    LONGITUDE (Degrees, Minutes & Seconds)	Month    Day    Year
P	3 6 4 1 5 0 0    1 0 7 5 8 2 0 0	0 1 0 1 1 9 6 0

**IV. Facility Mailing Address**

Street or P.O. Box

P O B O X 1 5 9

City or Town	State	Zip Code
B L O O M F I E L D	N M	8 7 4 1 3 -

**V. Facility Contact (Person to be contacted regarding waste activities at facility)**

Name (Last)		(First)	
S H E L T O N		T Y S O N	
Job Title		Phone Number (Area Code and Number)	
E N V I R . M A N A G E R		5 0 5 - 6 3 2 - 8 0 1 3	

**VI. Facility Contact Address (See instructions)**

A. Contact Address	B. Street or P.O. Box
Location    Mailing    Other	
<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>	P O B O X 1 5 9
City or Town	State    Zip Code
B L O O M F I E L D	N M    8 7 4 1 3 -

<b>EPA I.D. Number (Enter from page 1)</b>	<b>Secondary ID Number (Enter from page 1)</b>
N M D 0 8 9 4 1 6 4 1 6	

**VII. Operator Information (See instructions)**

<b>Name of Operator</b>												
G I A N T R E F I N I N G C O M P A N Y												
<b>Street or P.O. Box</b>												
P O B O X 1 5 9												
<b>City or Town</b>									<b>State</b>		<b>ZIP Code</b>	
B L O O M F I E L D									N M		8 7 4 1 3 -	
<b>Phone Number (Area Code and Number)</b>						<b>B. Operator Type</b>		<b>C. Change of Operator Indicator</b>		<b>Date Changed</b>		
5 0 5 - 6 3 2 - 8 0 1 3						P		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Month Day Year 1 0 1 4 9 5		

**VIII. Facility Owner (See instructions)**

<b>A. Name of Facility's Legal Owner</b>												
S A N J U A N R E F I N I N G C O M P A N Y												
<b>Street or P.O. Box</b>												
2 3 7 3 3 N O R T H S C O T T S D A L E R O A D												
<b>City or Town</b>									<b>State</b>		<b>ZIP Code</b>	
S C O T T S D A L E									A Z		8 5 2 5 5 -	
<b>Phone Number (Area Code and Number)</b>						<b>B. Owner Type</b>		<b>C. Change of Owner Indicator</b>		<b>Date Changed</b>		
6 0 2 - 5 8 5 - 8 8 8 8						P		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Month Day Year 1 0 1 4 9 5		

**IX. SIC Codes (4-digit, in order of significance)**

Primary	Secondary
2 9 1 1 (Description) Petroleum Refining	

**X. Other Environmental Permits (See instructions)**

A. Permit Type (Enter code)	B. Permit Number	C. Description
	G W - 0 0 1	NM OCD Water Discharge Plan
	G W - 1 3 0	NM OCD Class 1 Injection Well
	4 0 2 - M - J	NMED Air Emission Permit
	F R P - 0 6 N M 0 0 0 1 5	Stormwater Discharge

<b>EPA I.D. Number (Enter from page 1)</b>										<b>Secondary ID Number (Enter from page 1)</b>													
N	M	D	0	8	9	4	1	6	4	1	6												

**XI. Nature of Business (Provide a brief description)**

Giant Refining Company - Bloomfield is a petroleum refinery with a crude capacity in barrels per calender day (BPCD) of 18,000 BPCD, processing units include crude desalting, crude distillation, catalytic reforming, fluidized catalytic cracking, and catalytic polymerization. Purchased crude feedstocks are separated and/or converted to the following products: Unleaded gasoline, kerosene, jet A, JP-8, #2 diesel, #6 fuel oil, propane and butane.

**XII. Process Codes and Design Capacities**

- A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Thirteen lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. For "other" processes (i.e., D99, S99, T04 and X99), describe the process (including its design capacity) in the space provided in item XIII.
- B. PROCESS DESIGN CAPACITY** - For each code entered in column A, enter the capacity of the process.
- AMOUNT** - Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process.
  - UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.
- C. PROCESS TOTAL NUMBER OF UNITS** - Enter the total number of units used with the corresponding process code.

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	
<b>Disposal:</b>						
D79	Underground Injection	Gallons; Liters; Gallons Per Day; or Liters Per Day	T87	Smelting, Melting, Or Refining Furnace	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour	
D80	Landfill	Acre-foot or Hectare-meter	T88	Titanium Dioxide Chloride Process Oxidation Reactor		
D81	Land Treatment	Acres or Hectares	T89	Methane Reforming Furnace		
D82	Ocean Disposal	Gallons Per Day r Liters Per Day	T90	Pulping Liquor Recovery Furnace		
D83	Surface Impoundment	Gallons or Liters	T91	Combustion Device Used In The Recovery Of Sulfur Values From Spent Sulfuric Acid		
D99	Other Disposal	Any Unit of Measure Listed Below	T92	Halogen Acid Furnaces		
<b>Storage:</b>						
S01	Container (Barrel, Drum, Etc.)	Gallons or Liters	T93	Other Industrial Furnaces Listed In 40 CFR §260.10		
S02	Tank	Gallons or Liters	T94	Containment Building-Treatment		Cubic Yards or Cubic Meters
S03	Waste Pile	Cubic Yards or Cubic Meters	<b>Miscellaneous (Subpart X):</b>			
S04	Surface Impoundment	Gallons or Liters	X01	Open Burning/Open Detonation	Any Unit of Measure Listed Below	
S05	Drip Pad	Gallons or Liters	X02	Mechanical Processing	Short Tons Per Hour; Metric Tons Per Day; Metric Tons Per Day; Pounds Per Hour; or Kilograms Per Hour	
S06	Containment Building-Storage	Cubic Yards or Cubic Meters	X03	Thermal Unit	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour	
S99	Other Storage	Any Unit of Measure Listed Below	X04	Geologic Repository	Cubic Yards or Cubic Meters	
<b>Treatment:</b>						
T01	Tank	Gallons Per Day or Liters Per Day	X99	Other Subpart X	Any Unit of Measure Listed Below	
T02	Surface Impoundment	Gallons Per Day or Liters Per Day				
T03	Incinerator	Short Tons Per Hour; Metric Tons Per Hour; Gallons Per Hour; Liters Per Hour; or Btu's Per Hour				
T04	Other Treatment	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour				
T80	Boiler	Gallons or Liters				
T81	Cement Kiln	Gallons Per Day; Liters Per Day; Pounds Per Hour; Short Tons Per Hour; Kilograms Per Hour; Metric Tons Per Day; Metric Tons Per Hour; Short Tons Per Day; or Btu's Per Hour				
T82	Lime Kiln					
T83	Aggregate Kiln					
T84	Phosphate Kiln					
T85	Coke Oven					
T86	Blast Furnace					

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
Gallons .....	G	Short Tons Per Hour .....	D
Gallons Per Hour .....	E	Metric Tons Per Hour .....	W
Gallons Per Day .....	U	Short Tons Per Day .....	N
Liters .....	L	Metric Tons Per Day .....	S
Liters Per Hour .....	H	Pounds Per Hour .....	J
Liters Per Day .....	V	Kilograms Per Hour .....	R
		Cubic Yards .....	Y
		Cubic Meters .....	C
		Acres .....	B
		Acre-feet .....	A
		Hectares .....	Q
		Hectare-meter .....	F
		Btu's Per Hour .....	I

<b>EPA I.D. Number (Enter from page 1)</b>	<b>Secondary ID Number (Enter from page 1)</b>
N M D 0 8 9 4 1 6 4 1 6	

**XII. Process Codes and Design Capabilities (Continued)**

*EXAMPLE FOR COMPLETING ITEM XII (Shown in line number X-1 below): A facility has a storage tank, which can hold 533.788 gallons.*

Line Number	A. Process Code <small>(From list above)</small>				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	For Official Use Only			
	1. Amount (Specify)					2. Unit Of Measure <small>(Enter code)</small>					
X 1	S	0	2		5 3 3 . 7 8 8	G	0 0 1				
1	T	0	2		144000	U	001				
2											
3											
4											
5											
6											
7											
8											
9											
1 0											
1 1											
1 2											
1 3											

**NOTE:** If you need to list more than 13 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for "other" processes (i.e., D99, S99, T04 and X99) in Item XIII.

**XIII. Other Processes (Follow instructions from Item XII for D99, S99, T04 and X99 process codes)**

Line Number <small>(Enter #s in seg w/XII)</small>	A. Process Code <small>(From list above)</small>				B. PROCESS DESIGN CAPACITY		C. Process Total Number Of Units	D. Description Of Process
	1. Amount (Specify)					2. Unit Of Measure <small>(Enter code)</small>		
X 1	T	0	4				In-situ Vitrification	
1								
2								
3								
4								

EPA I.D. Number (Enter from page 1)										Secondary ID Number (Enter from page 1)													
N	M	D	0	8	9	4	1	6	4	1	6												

**XIV. Description of Hazardous Wastes**

- A. EPA HAZARDOUS WASTE NUMBER** - Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY** - For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.
- C. UNIT OF MEASURE** - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

- D. PROCESSES**
- 1. PROCESS CODES:**

*For listed hazardous waste:* For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

*For non-listed hazardous waste:* For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:**

1. Enter the first two as described above.
2. Enter "000" in the extreme right box of item XIV-D(1).
3. Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).

- 2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(2)).

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "Included with above" and make no other entries on that line.
3. Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below)** - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARD WASTE NO. (Enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESS										
				(1) PROCESS CODES (Enter code)					(2) PROCESS DESCRIPTION (If a code is not entered in D(1))					
X 1	K 0 5 4	900	p	T	0	3	D	8	0					
X 2	D 0 0 2	400	P	T	0	3	D	8	0					
X 3	D 0 0 1	100	P	T	0	3	D	8	0					
X 4	D 0 0 2									Included With Above				

<b>EPA I.D. Number (Enter from page 1)</b>	<b>Secondary ID Number (Enter from page 1)</b>
N M D 0 8 9 4 1 6 4 1 6	

**XIV. Description of Hazardous Wastes (Continued)**

Line Number	A. EPA HAZARDOUS WASTE NO. (Enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (Enter code)	D. PROCESSES	
				(1) PROCESS CODES (Enter code)	(2) PROCESS DESCRIPTION (If a code is not entered in D(1))
1	D 0 1 8	150,000	T	T 0 2	
2					
3					
4					
5					
6					
7					
8					
9					
1 0					
1 1					
1 2					
1 3					
1 4					
1 5					
1 6					
1 7					
1 8					
1 9					
2 0					
2 1					
2 2					
2 3					
2 4					
2 5					
2 6					
2 7					
2 8					
2 9					
3 0					
3 1					
3 2					
3 3					