

GW - 40

ENFORCMENT

DATE:

May 4, 1988

MONTGOMERY & ANDREWS
PROFESSIONAL ASSOCIATION
ATTORNEYS AND COUNSELORS AT LAW

OF COUNSEL
William R. Federici

J. O. Seth (1883-1963)
A. K. Montgomery (1903-1987)
Frank Andrews (1914-1981)

May 4, 1988

SANTA FE OFFICE
325 Paseo de Peralta
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Robert P. Worcester
James C. Compton
John B. Draper
Nancy Anderson King
Alison K. Schuler
Janet McL. McKay
Jean-Nikole Wells
Joseph E. Earnest
Stephen S. Hamilton
W. Perry Pearce
Brad V. Coryell
Michael H. Harbour
Robert J. Mroz
Sarah M. Singleton
Jay R. Hone
Charles W. N. Thompson, Jr.
John M. Hickey
Mack E. With
Galen M. Buller

Katherine W. Hall
Edmund H. Kendrick
Helen C. Sturm
Richard L. Puglisi
Arturo Rodriguez
Joan M. Waters
James C. Murphy
James R. Jurgens
Ann M. Maloney
Deborah J. Van Vleck
Anne B. Hemenway
Roger L. Prucino
Deborah S. Dungan
Helen L. Stirling
Rosalise Olson
William P. Slatery
Kenneth B. Baca
Daniel E. Gershon
Anne B. Tallmadge
Michael R. Roybal
Robert A. Bassett
Paula G. Maynes
Neils L. Thompson
Susan Andrews
Joseph E. Whitley
David L. Skinner
Elizabeth A. Glenn

Hand-Delivered

ALBUQUERQUE OFFICE
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LOS ALAMOS OFFICE
Suite 120
901 18th Street
Los Alamos, New Mexico 87544

Telephone (505) 662-0005

REPLY TO SANTA FE OFFICE

Mr. David Boyer
Chief, Environmental Bureau
Oil Conservation Division
State Land Office
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501

Re: EID Administrative Order No. 1003

Dear Mr. Boyer:

I am enclosing for your information a copy of Giant's First Supplemental and Amended Response to this Administrative Order, which was filed with the EID this week.

Sincerely,



Edmund H. Kendrick

EHK/gr:l26
Enclosure
File #8361-85-09

MONTGOMERY & ANDREWS
PROFESSIONAL ASSOCIATION
ATTORNEYS AND COUNSELORS AT LAW

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April 29, 1988

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HAND-DELIVERED

RECEIVED

MAY 2 1988

LEGAL

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REPLY TO SANTA FE OFFICE

Mr. Patrick J. Anderson
Assistant General Counsel
New Mexico Health & Environmental Department
Post Office Box 968
Santa Fe, New Mexico 87504

Re: Giant Refinery Company; Administrative Order No. 1003

Dear Mr. Anderson:

Enclosed please find the First Supplemental and Amended
Response of Giant Refining Company to Administrative Order 1003.

Thank you for your consideration in this matter.

Sincerely,


Edmund H. Kendrick

EHK/gr:123
Enclosures
File #8361-85-09

STATE OF NEW MEXICO

ENVIRONMENTAL IMPROVEMENT DIVISION

IN THE MATTER OF:)

GIANT REFINING COMPANY)
c/o CT Corporation Systems)
217 W. Manhattan Avenue)
Santa Fe, New Mexico 87501)

ADMINISTRATIVE ORDER
No. 1003

Respondent.

FIRST SUPPLEMENTAL AND AMENDED
RESPONSE TO ORDER REQUIRING SUBMISSION OF
INFORMATION AND DOCUMENTATION RELATING TO THE
DISPOSAL OF WASTES AND CONTAMINATION OF
GROUNDWATER IN THE VICINITY OF THE LEE ACRES
LANDFILL, SAN JUAN COUNTY, NEW MEXICO

REQUEST 1: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent, regarding the dates during which the oil-water separator at the refinery site was used by Respondent.

The oil-water separator was in use from approximately Oct. 1976 until refinery shutdown in May 1982.

REQUEST 2: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the dates the sludge which accumulated in the separator was removed, leaked, spilled or was otherwise released from the separator.

RECEIVED

MAY 2 1988

LEGAL

Sludge was removed from the oil-water separator on two separate occasions. Interviews with employees indicate that removal of liquids in the oil-water separator (and some sludge) occurred during the summer of 1983. In mid-August 1986 all sludge was removed from the oil-water separator. No leaks, spillage or other releases have occurred.

REQUEST 3: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding any and all chemical analyses which Giant conducted or had conducted on its behalf, of the sludge from the separator and of the effluent disposed of in the lined evaporation pond referred to in paragraph 9 of this Order.

No chemical analyses were conducted of effluent. Since the date of Giant's previous response to this Administrative Order, chemical analyses were conducted on samples of sludge removed from the oil-water separator in mid-August 1986. (See Attachment A.)

REQUEST 4: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the quantity of sludge generated by or accumulated in the separator for each year the separator was used by Giant.

Interviews with employees indicate that a small amount of sludge was removed from the oil-water separator in 1983 but the bulk of the material was not removed at that time. In 1986, about 200 cubic feet of sludge (10 barrels) was removed. It is estimated that a total of 11 barrels of sludge accumulated in the oil-water separator during its lifetime.

REQUEST 5: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the quantity of sludge generated by or accumulating in the separator from November 19, 1980 until the refinery's closure in 1982, and the quantity of effluent disposed of in the lined evaporation pond from November 19, 1980 until the refinery's closure in 1982.

The quantity of sludge that accumulated in the oil-water separator from November 19, 1980 until the refinery closed cannot be estimated. The total quantity of sludge that accumulated in the oil-water separator during its lifetime is estimated to be approximately 11 barrels. The quantity of effluent disposed of in the evaporation pond from November 19, 1980 until the refinery closed cannot be estimated. The only source of effluent disposed of in the evaporation pond was from the oil-water separator and the cooling towers.

REQUEST 6: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the identity of the person or persons responsible for the removal of the sludge from the oil-water separator, and the dates on which such removal occurred. The identification of any person shall consist of that person's name, present or last known address and phone number, and that person's position within Giant Refining Company.

The person responsible for the removal of sludge was:

Frank Fujimoto
Assistant Refinery Manager
Giant Refining Company
Bloomfield Refinery
P.O. Box 256
Farmington, NM 87499
(505) 632-3306

As stated in our response to Request 2, removal of some sludge took place during the summer of 1983. The remainder of the sludge was removed in mid-August 1986.

REQUEST 7: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the manner in which the sludge was removed from the oil-water separator by the persons identified in response to paragraph 6.

Interviews with employees indicate that a vacuum truck was used to remove liquids from the oil-water separator once during the summer of 1983. The material removed by the vacuum truck was placed in Tank 103. It is believed that the bulk of the sludge remained in the oil-water separator and was not removed by the vacuum truck. In mid-August 1986 the remainder of the sludge was removed manually by Giant employees shoveling it into barrels.

REQUEST 8: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding all contracts, agreements or other arrangements between Giant and the person or persons disposing of the sludge from the oil-water separator.

Since the date of Giant's previous response to this Administrative Order, arrangements were made with

Rinchem Company, Inc. to transport 10 barrels of sludge removed from the oil-water separator to the Grassy Mountain Facility operated by USPCI in Utah. Arrangements were made with USPCI for disposal of the sludge. (See documents related to these arrangements appended as Attachment B.)

REQUEST 9: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the identification of the location of the area(s) at which the sludge removed from the oil-water separator was disposed of.

In 1983, liquids were removed from the oil-water separator by a vacuum truck and placed in the Tank 103 at the Bloomfield Refinery. Records indicate that in August 1984 the liquids in Tank 103 were transferred to Tank 2 at the Bloomfield Refinery. The liquids were then transported by truck and pipeline to Giant's Ciniza Refinery for recycling. (See Attachment A to Giant's previous response to this Administrative Order.) In mid-August 1986, all sludge remaining in the oil-water separator was removed and placed in barrels. These barrels were shipped to a disposal facility in Utah. (See Attachment B.)

REQUEST 10: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the date(s) on which the sludge from the oil-water separator was disposed of.

Since the date of Giant's previous response to this Administrative Order, sludge from the oil-water separator was disposed of. See our response to Request 9 above.

REQUEST 11: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the dates during which the storage tanks at the refinery were used by Respondent.

Tanks were put into use shortly after being built. (See Attachment C.) After refinery shutdown, the use of most tanks was discontinued. Several tanks were moved after shutdown. (See Attachment C.) The following tanks were used at the refinery after shutdown:

<u>TANK NO.</u>	<u>USE</u>	<u>TIME PERIOD</u>
11	Diesel	Until 2/86
12	Diesel	Until 2/86
22	Water	Present
23	Condensate	1982
27	Water	Present
32	Water	Present
34	Water	Present
35	Water	Present
37	Water	Present
101	Diesel	2/86 to 10/87
201	Diesel	Present

REQUEST 12: Respondent shall provide the EID with all information and documentation within Respondent's possession

and reasonably obtainable by Respondent regarding the number of tanks at the refinery and the identity of the substances which were stored in each of those tanks.

There were 49 tanks at the Bloomfield Refinery. The tanks held a variety of substances as identified in Attachment C.

REQUEST 13: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding any and all chemical analyses which Giant conducted or had conducted on its behalf of the tank bottom material referred to above.

No chemical analyses were conducted of any tank bottom material at the Bloomfield Refinery.

REQUEST 14: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the quantity or volume of tank bottom material removed from the tanks each time that material was removed, including all removals occurring after November 19, 1980.

Tank bottom material, typically scale and corrosion, was removed from the following tanks at the Bloomfield Refinery:

<u>TANK</u>	<u>CAPACITY (BBLS)</u>	<u>PRODUCT</u>
1	17,000	CRUDE
3	5,000	CRUDE
4	2,000	LEADED GASOLINE
5	2,000	LEADED GASOLINE

The volume of tank bottom material removed cannot be estimated but is believed to be small. Tank bottom material was removed from Tank 1 in May 1976, from Tank 3 in April 1984 and from Tanks 4 and 5 in April 1980.

In addition to the scale and corrosion removed from Tanks 1, 3, 4 and 5, paraffin and other hydrocarbon solids were periodically removed from some tanks at the Bloomfield Refinery and recycled in the refining process.

REQUEST 15: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the identity of the person or persons responsible for the removal of the tank bottom material and the dates on which each such removal occurred. Identification of a person shall consist of that person's name, present or last known address and phone number, and that person's position within Giant Refining Company.

The person responsible for the removal of the tank bottom material was:

Frank Fujimoto
Assistant Refinery Manager
Giant Refining Company
Bloomfield Refinery
P.O. Box 256
Farmington, NM 87499
(505) 632-3306

The dates on which removal occurred are disclosed in our response to Request 14.

REQUEST 16: Respondent shall provide the EID with all information and documentation within Respondent's possession

and reasonably obtainable by Respondent regarding the manner in which the tank bottom materials were removed from the storage tanks.

Tank bottom material was removed in the following manner: all liquids were drained from the tank; all paraffin and hydrocarbon substances were removed from the tank for recycling in the refining process; the tank bottom material, principally scale and corrosion, was then removed manually and placed in the containment berm surrounding the tank; the tank bottom material was then covered and packed with earth.

REQUEST 17: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding all contracts, agreements or other formal or informal arrangements between Giant and the person(s) disposing of the tank bottom materials.

There are no contracts or agreements between Giant and any person pertaining to the disposal of tank bottom material.

REQUEST 18: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding identification of the location of the area(s) at which the tank bottom material was disposed of and the person(s) responsible for the disposal of such material.

See our response to Request 16 above.

REQUEST 19: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the dates on which the tank bottom material was disposed of and the person(s) responsible for the disposal of such material.

The person responsible for the disposal of tank bottom material was:

Frank Fujimoto
Assistant Refinery Manager
Giant Refining Company
Bloomfield Refinery
P.O. Box 256
Farmington, NM 87499
(505) 632-3306

Dates of removal and disposal of tank bottom material are disclosed in our response to Request 14.

REQUEST 20: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the quantity and type of all wastes other than tank bottoms and oil-water separator sludges, disposed of by Giant at the Lee Acres Landfill site, and the origin of each type of waste.

Office trash, refinery maintenance shop trash, used tires and water from the evaporation pond were disposed of at the Lee Acres Landfill by Giant employees. The office trash was typical of that generated by any office, and the maintenance shop trash was typical of that generated by any maintenance facility, e.g., oily rags, oil filters and empty oil containers. The quantity of each kind of trash cannot be estimated. The evaporation pond received water from the cooling towers and the oil-water separator. The quantity of water disposed of at the Landfill cannot be determined. Giant is aware that several truckloads of water were

taken to the Landfill by its employees. In addition, Giant has located documentation indicating that two outside contractors may have taken some water from the evaporation pond to the Landfill. (See Attachment D.)

REQUEST 21: Respondent shall provide the EID with all information and documentation within Respondent's possession and/or reasonably obtainable by Respondent regarding the chemical composition of all wastes, other than tank bottoms and oil-water separator sludges, disposed of by Giant at the Lee Acres Landfill site, and the method(s) by which the information on the wastes' chemical composition was obtained by Giant.

No chemical analyses were conducted on the office trash or maintenance shop trash disposed of by Giant at the Lee Acres Landfill. The only information and documentation that Giant has been able to locate regarding chemical composition of evaporation pond water is appended as Attachment E.

REQUEST 22: Respondent shall provide the EID with all information and documentation within Respondent's possession and/or reasonably obtainable by Respondent regarding the dates on which Giant disposed of all wastes other than tank bottoms and oil-water separator sludges at the Lee Acres Landfill site.

The office trash and maintenance shop trash were disposed of weekly at the Lee Acres Landfill by Giant personnel. On rare occasions, Giant personnel also took used tires to the Landfill. Giant personnel took water to the Landfill on several occasions during the period that the refinery was operating. However, Giant is unable to determine the dates of such disposal.

REQUEST 23: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the identity of the person or persons responsible for the disposal of all such wastes referred to in the preceding paragraph.

The person responsible for the disposal of the wastes was Frank Fujimoto.

REQUEST 24: Respondent shall provide the EID with all information and documentation within Respondent's possession and/or reasonably obtainable by Respondent regarding all contracts, agreements, and other formal or informal arrangements between Giant and the person or persons disposing of the wastes referred to in paragraphs 22 and 23.

Except as provided in response to Request 22, Giant has been unable to locate any information or documentation regarding contracts, agreements or other arrangements between Giant and any persons pertaining to the disposal of office trash, maintenance shop trash and used tires at the landfill. Documents pertaining to the possible disposal of evaporation pond water at the Landfill by two contractors are appended as Attachment D. All information and documentation that Giant has been able to locate regarding contracts, agreements or other arrangements between Giant and those two contractors regarding the removal of evaporation pond water are appended as Attachment F. With the exception of the documents appended as Attachment D, all of which have been included in Attachment F, the documents do not indicate the place of disposal.

REQUEST 25: Respondent shall provide the EID with all information and documentation within Respondent's possession

and/or reasonably obtainable by Respondent regarding identification of the location of the area and/or areas at which all such wastes were disposed of.

The office trash and maintenance shop trash were disposed of in the solid waste trench at the Lee Acres Landfill. Giant believes that any evaporation pond water taken to the Landfill was disposed of in a liquids pit.

REQUEST 26: Respondent shall provide the EID with all information and documentation within Respondent's possession and/or reasonably obtainable by Respondent regarding any and all environmental audits, hydrogeologic investigations and other comprehensive evaluations of the waste disposal practices of Giant which were conducted during the operation of the refinery and which have been conducted since cessation of refinery operations.

As set forth in its previous response to this Administrative Order, Giant Refining Company objects to this request on the grounds that all such information or documentation is protected from disclosure by the attorney-client privilege and by the immunity granted to materials prepared in anticipation of litigation. All information responsive to this request not subject to protection against disclosure is disclosed in response to other requests contained in Administrative Order 1003.

However, Giant believes that it has complied with this request, as indicated in the letter dated September 18, 1987 from Patrick J. Anderson, Esquire, Office of General Counsel, New Mexico Health and Environment Department.

REQUEST 27: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding all information and data generated as a result of any such audits, investigations or evaluations.

As set forth in its previous response to this Administrative Order, Giant Refining Company objects to this request on the grounds that all such information or documentation is protected from disclosure by the attorney-client privilege and by the immunity granted to materials prepared in anticipation of litigation. Additionally, this request fails to identify with reasonable particularity the subject matter of the information and data sought. Moreover, this request is beyond the scope of the subject matter of Administrative Order 1003. All information responsive to this request not subject to protection against disclosure is disclosed in response to other requests contained in Administrative Order 1003.

However, Giant believes that it has complied with this request, as indicated in the letter dated September 18, 1987 from Patrick J. Anderson, Esquire, Office of General Counsel, New Mexico Health and Environment Department.

REQUEST 28: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding any and all manifests of shipments of waste from the refinery to each and every off-site location.

Since the date of Giant's previous response to this Administrative Order, 10 barrels of oil-water separator sludge were shipped to a disposal facility in Utah. A manifest for that shipment is included among the documents appended as Attachment B.

REQUEST 29: Respondent shall provide the EID with a list of all commercial chemical products purchased by the refinery since November 19, 1980, including the amounts purchased, calculated on a monthly or annual basis, and the chemical composition of each product.

Names of commercial chemical products purchased (other than household cleaners and oils used in servicing motor vehicles and machinery) and the quantities and date(s) of purchase are indicated in Attachment G. To the extent Giant has been able to obtain information respecting the chemical composition of each product, that information is also contained in Attachment G.

REQUEST 30: Respondent shall provide the EID with a list of all uses which Giant utilized the commercial chemical products identified in response to paragraph 29.

Please refer to Attachment G for uses of commercial chemical products.

Any spent Varsol used for truck part degreasing was put in a holding tank. This material was then picked up by either the Radium Petroleum Co. or the Mesa Oil Co. and recycled. Copies of receipts were appended as Attachment C to Giant's previous response to this Administrative Order.

REQUEST 31: Respondent shall provide the EID with an engineering specific narrative and flow charts describing the oil-water separator at the refinery.

A photocopy of the blueprint describing the oil-water separator was appended as Attachment D to Giant's previous response to this Administrative Order. The oil-water separator shown in the photocopy of the original blueprint was designed by A.H. Morris of Giant Refining Company.

The oil-water separator consisted of one large tank separated into three units by baffles. These baffles extended across the width of the tank and to a partial depth. The influent entered at one end of the tank and flowed horizontally through the tank. Slightly emulsified products in the influent would rise to the surface in the first unit. The baffle prevented these emulsified products from flowing into different units. Those products which were emulsified to a greater extent would rise to the surface at a slower rate and would be captured in the second or third units. Floating product was then suctioned off the top and pumped to the appropriate storage tanks. Aqueous effluent was discharged to the evaporation pond.

REQUEST 32: Respondent shall provide the EID with all information and documentation within Respondent's possession and reasonably obtainable by Respondent regarding the identity of any and all other persons, other than Giant disposing of solid or hazardous wastes at the Lee Acres Landfill site, the quantity and type of wastes disposed of at the Lee Acres Landfill site by persons other than Respondent, and the dates on which such disposal activities took place.

Numerous entities are believed to have disposed of solid and hazardous wastes at the Lee Acres Landfill site. Giant is informed and believes that the following entities may have disposed of wastes at the Landfill:

Western Air Drilling Service Company - cement trucks, frac trucks

Powell Division of the Dow Chemical Company - cement trucks, frac trucks

White Truck - cement trucks

Chief Transport Co. - water trucks

Aztec Well Servicing Co. - water trucks

Sunco Trucking - water trucks

Shiprock Transport Co. - water trucks

Black Hills - water trucks

L.A.D. Tankers, Inc. - water trucks

Trio Construction Co. - water trucks

Halliburton Services Co. - cement trucks, frac trucks

Smith Energy Services - cement trucks, frac trucks

B.J. Hughes, Inc. - cement trucks, frac trucks

C & J Trucking Co. - water trucks

Delgarno Transportation, Inc. - water trucks, vacuum trucks

Giant does not know the quantity and type of wastes disposed of at the Landfill, nor does Giant know the dates on which such disposal activities took place.

Respectfully submitted,

MONTGOMERY & ANDREWS, P.A.

By Edmund H. Kendrick
Edmund H. Kendrick
Post Office Box 2307
Santa Fe, New Mexico 87504-2307
(505) 982-3873

VERIFICATION

STATE OF ARIZONA)
) ss.
COUNTY OF MARICOPA)

Earl J. Blanchard, being first duly sworn on oath, deposes and says:

That he is the Vice President of Operations of Giant Industries, Inc. and is authorized to make this verification on behalf of Giant Refining Company in this proceeding; that while he is without personal knowledge of the subject matter of this proceeding, responsible employees and representatives of Giant Industries, Inc. have provided the information contained in the foregoing First Supplemental and Amended Response to Administrative Order No. 1003; that he believes such persons acted in good faith and with reasonable diligence to obtain such information; that he has read the foregoing responses and, to the best of his knowledge, information and belief, the same are true and correct.



EARL J. BLANCHARD

SUBSCRIBED AND SWORN TO before me this 28th day of April, 1988.



Notary Public

My Commission Expires:

September 1, 1990

[EHK/22]
FIRST SUPPLEMENTAL AND AMENDED
RESPONSE TO ORDER... - PAGE 17

ATTACHMENT A

ANALYTICAL RESULTS

for

Geoscience Consultants, Ltd.

INORGANIC PARAMETERS

Parameter	Units	62195-01	62195-02	62195-03	62195-04
Corrosivity	pH units	7.50	7.16	7.87	7.74
Reactive Sulfide	mg/kg	ND	ND	ND	ND
Total Cyanide	mg/kg	ND	0.01	ND	ND
Flash Point	°F	99	111	131	115
Oil	%	14.1	14.0	7.7	11.5
Water	%	29.4	23.8	18.8	5.0
Solids	%	56.5	62.2	73.5	83.5

EP TOXICITY OILY WASTE METALS

Parameter	Units	62195-01	62195-02	62195-03	62195-04
Antimony	mg/L	ND	ND	ND	ND
Arsenic	mg/L	ND	0.05	ND	ND
Barium	mg/L	1.3	0.13	0.45	0.59
Beryllium	mg/L	ND	ND	ND	ND
Cadmium	mg/L	ND	ND	ND	ND
Chromium	mg/L	1.6	0.46	0.47	0.52
Cobalt	mg/L	0.07	0.07	0.07	ND
Lead	mg/L	ND	ND	ND	ND
Mercury	mg/L	0.004	0.02	0.004	0.34
Nickel	mg/L	0.63	0.64	0.41	ND
Selenium	mg/L	ND	0.06	ND	ND
Silver	mg/L	ND	ND	ND	ND
Vanadium	mg/L	ND	ND	ND	ND

ND = Not detected. Detection limits in parentheses.

SAMPLE DESCRIPTION INFORMATION

for

Geoscience Consultants, Ltd.

<u>RMA Sample No.</u>	<u>Sample Description</u>	<u>Sample Type</u>	<u>Date Sampled</u>	<u>Date Received</u>
62195-01	1071100	Solid	10/07/86	10/08/86
62195-02	1071105	Solid	10/07/86	10/08/86
62195-03	1071110	Solid	10/07/86	10/08/86
62195-04	1071115	Solid	10/07/86	10/08/86

November 12, 1986

ATTACHMENT B

GIANT

INDUSTRIES, INC.

MATERIAL REQUISITION NOT A PURCHASE ORDER

SUGGESTED VENDORS

1. Rinchem
2. _____
3. _____

DATE 6/19/87

QUAN.	UNIT	DESCRIPTION	ISSUED	UNIT PRICE	AMOUNT
5					
10	Prum	Open top drums for shipment and disposal of HAZ. waste		30 ⁰⁰	300 ⁰⁰
10	each	Shipment and disposal at USPCI's facility in Utah of Oil/Water Sep. waste sludge - K 51 (T)		\$175 ⁰⁰	\$1750 ⁰⁰
		Applicable Taxes			120 ⁰⁰
		EPA ID # NMP 360022004			
		Total			\$2170 ⁰⁰

SKETCH AREA

Contact: Tim Kimball
 (505) 345-3655
 6133 Edith Blvd. NE
 Albq., N. Mex 87107

Charge to RFE - 9463-01

Vernon,
 Here is the
 P.O. request we talked
 about last week.
 Call if you have
 any questions
 -T. Smith
 Post Mail

SKETCH AREA (Continued)

REC'D BY: _____

UNIT NO. _____

SIGNED X

R L Mc Cleary

HAVE YOU CHECKED THIS REQUISITION FOR REAL NEED?

P.O. issued 6-
 P.O. # 81063

BILL OF LADING



COMPANY, INC.

6133 EDITH BOULEVARD NE
ALBUQUERQUE, N.M. 87107
PHONE (505) 345-3655

DATE

NUMBER

57456

SHIP TO

Giant Refinery

Frank Fujimoto
632-3306

CUSTOMER ORDER NO.	DUE DATE	SALES ID	OP. ID	FREIGHT	SHIP VIA
	<i>7/26/87</i>				

UNITS		BO	M	PACKAGE	DESCRIPTION	QUANTITY	
ORDERED	SHIPPED					NET	GROSS
<i>10</i>	<i>10</i>			<i>Drums</i>	<i>Hazardous Waste Transportation and Disposal @ \$175 ea</i>		
					<i>Drives: See security guard at gate</i>		
					<i>(Questions: Bob M. Afferty)</i>		
					<i>Home Phone 772-2320</i>		
					<i>Ren Feltner</i>		
					<i>8-16-87</i>		

WE DO IT WELL

BECAUSE WE CARE

THIS IS TO CERTIFY THAT THE ABOVE NAMED MATERIALS ARE PROPERLY CLASSIFIED, DESCRIBED, PACKAGED, MARKED AND LABELED AND ARE IN PROPER CONDITION FOR TRANSPORTATION ACCORDING TO THE APPLICABLE REGULATION OF THE DEPARTMENT OF TRANSPORTATION.

SIGNATURE _____

DELIVERED _____ RETURNED _____

Deposit Drums _____ Deposit Drum _____

RECEIVED _____

THE SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE GOODS FURNISHED HEREUNDER OTHER THAN THAT THEY SHALL BE OF THE QUALITY AND SPECIFICATIONS STATED HEREIN. THE BUYER ASSUMES ALL RESPONSIBILITY AND LIABILITY FOR LOSS OR DAMAGE RESULTING FROM THE HANDLING AND OR USE OF SAID GOODS WHETHER USED AS SUCH OR IN COMBINATION OR MIXTURES WITH OTHER SUBSTANCES.

SELLER'S LIABILITY FOR DAMAGES SHALL IN NO EVENT EXCEED THE PURCHASE PRICE OF THE MATERIAL USED WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. CLAIMS ON ACCOUNT OF WEIGHT, QUALITY, LOSS OR DAMAGE, ARE WAIVED UNLESS MADE IN WRITING WITHIN TEN DAYS AFTER ARRIVAL THEREOF AT DESTINATION.

ALL RETURNABLE CONTAINERS MUST BE PAID FOR AND NO DISCOUNT WILL BE ALLOWED.

DEPOSIT CONTAINERS REMAIN THE PROPERTY OF THE SELLER. MONIES ON DEPOSIT ARE REFUNDABLE IF CONTAINER IS RETURNED IN GOOD CONDITION WITHIN 60 DAYS.

FOR CHEMICAL EMERGENCY

SPILL, LEAK, FIRE
EXPOSURE OR
ACCIDENT

**CALL CHEMTREC
DAY OR NIGHT
800-424-9300**

DOCUMENT TYPE

INVOICE

CUSTOMER NO.

22



COMPANY, INC.

6133 EDITH BOULEVARD NE
ALBUQUERQUE, N.M. 87107
PHONE (505) 345-3655

DATE

08/25/87

NO.

12042

SHIPP TO

GIANT REFINING
RTE. 3 BOX 7

GALLUP,

NM 87301

SOLD TO

GIANT REFINING
RTE. 3 BOX 7

GALLUP,

NM 87301

CUSTOMER ORDER NO. FRANK F.	SALES I.D. 2	FREIGHT	TERMS NET 30 DAYS
DATE SHIPPED 08/25/87	SHIPPED FROM WAREHOUSE	SHIPPED VIA R/T	B/L# 34879

QUANTITY DELIVERED	PACKAGE	DESCRIPTION	TOTAL QUANTITY	UNIT PRICE	AMOUNT
10	1EDRUM	HAZARDOUS WASTE DISPOSAL	10E	175.0000	1750.00
		TAX CHARGE			89.77
<p><i>OK to pass RFE - 9463-01 R.J. Meyer</i></p>  <p>RECEIVED BY SEP 04 1987 A.P.</p>					

WE DO IT WELL

BECAUSE WE CARE

A Finance Charge of 1 1/2% (18% a year) will be applied to past due accounts.

REMIT TO: RINCHEM COMPANY, INC.
6133 EDITH BLVD.

ALBUQUERQUE,

NM 87107

TOTAL

1839.77

PLEASE PAY THIS AMOUNT



COMPANY, INC.

6133 EDITH BOULEVARD NE
ALBUQUERQUE, N.M. 87107
PHONE (505) 345-3655

DATE
06/24/87
NO.

11609

S
H
I
P
T
O

GIANT REFINING
RTE. 3 BOX 7

GALLUP,

NM 87301

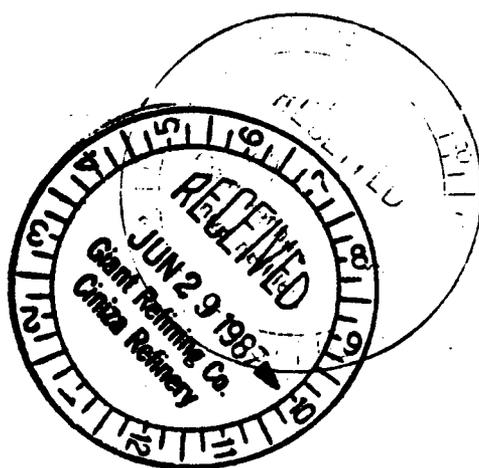
S
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GIANT REFINING
RTE. 3 BOX 7

GALLUP,

NM 87301

CUSTOMER ORDER NO. BOB M.	SALES ID 2	FREIGHT	TERMS NET 30 DAYS
DATE SHIPPED 06/24/87	SHIPPED FROM WAREHOUSE	SHIPPED VIA RINCHM TRUCK	
			B/L# 34390

QUANTITY DELIVERED	PACKAGE	DESCRIPTION	TOTAL QUANTITY	UNIT PRICE	AMOUNT
10	1EEACH	DOT 17 H RECONDITIONED DRUM	10E	30.0000	300.00
<p><i>OK To Pay</i> <i>RJ M</i> <i>RFE 9463-01</i></p> 					

RECEIVED BY
JUL 6 1987
A. P.

WE DO IT WELL

BECAUSE WE CARE

A Finance Charge of 1 1/2% (18% a year) will be applied to past due accounts.

REMIT TO: RINCHM COMPANY, INC.
6133 EDITH BLYD.
ALBUQUERQUE,

NM 87107

TOTAL 300.00

PLEASE PAY THIS AMOUNT ↑

GIANT
REFINING COMPANY

P.O. BOX 9156 • PHOENIX, ARIZONA 85068
(602) 274-3584

A Division of **GIANT** Industries, Inc.
"Moving forward with the Southwest"

74090

Hazardous Waste Sample Processing Fee

GIANT

REFINING COMPANY

P.O. BOX 9156 • PHOENIX, ARIZONA 85068
(602) 274-3584

A Division of **GIANT** Industries, Inc.
"Moving forward with the Southwest"

DATE
April 8, 1987

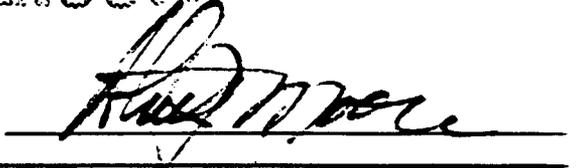
CHECK NO.
74090

74090 ⁹¹⁻²/₁₂₂

MAIN OFFICE
VALLEY BANK CENTE
PHOENIX, ARIZONA

AMOUNT
\$ ***200.00

The sum of 200 dollars 00 cts



PAY
TO THE
ORDER OF U S P C I

GINZA REFINERY

⑈074090⑈ ⑆222100024⑆ 2233⑈9929⑈



EXHIBIT A TO _____ Contract Dated _____

As prescribed by the Resource Conservation and Recovery Act (Public Law 98-580 Sec. 3004), a detailed chemical and physical analysis must be submitted before we can handle your waste stream. This information is necessary to help us evaluate whether we can safely and economically transport and dispose of your controlled industrial wastes in an environmentally sound manner. Be as complete as possible. If an area is not applicable, mark as such. Should a laboratory analysis be available, please attach it to this form. We can arrange analytical laboratory services, if needed, for an appropriate fee. All information we receive will be held in strictest confidence to protect your interests. SAMPLE WILL NOT BE PROCESSED UNLESS ALL AREAS OF THIS SHEET ARE PROPERLY FILLED IN. A fee of _____ will be charged for processing this sample.

Sales Representative Bruce Wilson

I. Generator Information (X) Check if small quantity Generator per CFR-40

Name of Company Giant Refining Co. US EPA ID N M P 3 6 0 0 2 2 0 0 4

Facility Address 606 U.S. Hwy 64 Mailing Address P.O. Box 256
Farmington, NM Farmington, NM
87401 87499

Technical Contact Bob McClenahan Title Envir. Coord. Phone (505) 722-3833

General Contact Frank Fujimoto Title Asst Ref. Mgr. Phone (505) 632-3306

II. Waste Stream General Information ANTICIPATED VOLUME _____ per year _____

Waste Name Oil/Water Separator Sludge per month _____ per week _____ one time only 550 Gal

Process Producing Waste Refinery Color _____ Odor _____

III. Waste Properties	Layers	Free Liquids	pH <u>7.5</u>	Normality <u>N/A</u>	(X) Organic
Physical State @ 25°C	(X) Single Phase	() Yes	Type Acid <u>N/A</u>	Type _____	(X) Inorganic
() Liquid () Powder	() Bi-layered	(X) No	Density <u>Unknown</u>	Caustic <u>N/A</u>	Flash Point
() Solid (X) Sludge	() Multi-layered				<u>115</u> °F

Chemical Composition (X)% () PPM	Metals-EP Tox Test	Mg/l or PPM
(List all known) Range Lower Upper	Arsenic (As) (<u>.05</u>)	Lead (Pb) (<u>ND</u>) Nickel (Ni) (<u>.6</u>)
See attached analytical results	Barium (Ba) (<u>.6</u>)	Vanadium (V) (<u>ND</u>) Zinc (Zn) (<u>-</u>)
Oil (<u>7.7</u>) (<u>14.1</u>)	Cadmium (Cd) (<u>ND</u>)	Selenium (Se) (<u>.06</u>) Thallium (Tl) (<u>-</u>)
Water (<u>5.6</u>) (<u>29.4</u>)	Chromium (Cr) (<u>.6</u>)	Silver (Ag) (<u>ND</u>) Cobalt (Co) (<u>.07</u>)
Solids (<u>56.5</u>) (<u>83.5</u>)	Mercury (Hg) (<u>.3</u>)	Cooper (Cu) (<u>-</u>)
	Possible Component (include unit of measure)	
	Cyanides _____ 2, 4, D _____	Dioxin _____
	Sulfides <u>Possible</u>	Phenolics _____ Organic Chlorides _____

IV. PCB Oil: Type N/A Concentration _____ % ppm PCB Equip: Type _____ Concentration _____ % ppm

PCB Solids: Type _____ Concentration _____ % ppm Has equipment been drained and flushed according to 40 CFR Part 761? _____

Attach information for dimensions, weight and nameplate capacity for all equipment.

V. Hazardous Characteristics (From CFR-40)

U.S. EPA Hazardous Code(s) K-051 (T)

Is the waste () Pyrophoric () Infectious () Water reactive () Radioactive () Pathogenic

() Explosive () Pesticides/Herbicides () Biological () Shock sensitive () Etological

VI. Shipping Information (From CFR-40)

Proper DOT Shipping Name Waste combustible liquid, N.O.S.

DOT Hazard Class Combustible Liq. UN/NA Number NA 1993 Reportable Quantity _____

Method of Shipment () Bulk Liquids () Bulk Solids

(X) Drums () Other

Special Handling and Safety Instructions _____

The samples have been collected using the appropriate EPA sampling guidelines I certify and warrant that the above information, the information attached, and the waste stream as described is true and correct to the best of my knowledge and ability and not willful or deliberate omissions exist and that all known and/or suspected hazards have been disclosed, and a sample representative of the waste stream has been or is being sent to the proper facility.

Signature R. J. Mc Clenahan Title Environmental Coordinator Date 4/3/87

ANALYTICAL RESULTS

Rocky Mountain Analytical Laboratory

for

Geoscience Consultants, Ltd.

INORGANIC PARAMETERS

Parameter	Units	62195-01	62195-02	62195-03	62195-04
Corrosivity	pH units	7.50 (0.01)	7.16 (0.01)	7.87 (0.01)	7.74 (0.01)
Residual Sulfide	mg/kg	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Total Cyanide	mg/kg	ND (0.03)	0.01 (0.01)	ND (0.01)	ND (0.01)
Flash Point	°F	99 (200)	111 (200)	131 (200)	115 (200)
Oil	%	14.1 (0.1)	14.0 (0.1)	7.7 (0.1)	11.5 (0.1)
Water	%	29.4 (0.1)	23.8 (0.1)	18.8 (0.1)	5.0 (0.1)
Solids	%	66.6 (0.1)	62.2 (0.1)	73.6 (0.1)	83.5 (0.1)

FP TOXICITY OILY WASTE METALS

Parameter	Units	62195-01	62195-02	62195-03	62195-04
Antimony	mg/L	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.025)
Arsenic	mg/L	ND (0.03)	0.05 (0.03)	ND (0.055)	ND (0.025)
Barium	mg/L	1.3 (0.07)	0.13 (0.07)	0.45 (0.065)	0.59 (0.065)
Beryllium	mg/L	ND (0.015)	ND (0.015)	ND (0.015)	ND (0.015)
Cadmium	mg/L	ND (0.055)	ND (0.055)	ND (0.055)	ND (0.05)
Chromium	mg/L	1.6 (0.07)	0.46 (0.07)	0.47 (0.065)	0.52 (0.065)
Cobalt	mg/L	0.07 (0.055)	0.07 (0.055)	0.07 (0.055)	ND (0.05)
Lead	mg/L	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Mercury	mg/L	0.004 (0.003)	0.02 (0.003)	0.004 (0.003)	0.34 (0.002)
Nickel	mg/L	0.63 (0.15)	0.64 (0.15)	0.41 (0.15)	ND (0.15)
Selenium	mg/L	ND (0.15)	0.06 (0.05)	ND (0.15)	ND (0.15)
Silver	mg/L	ND (0.045)	ND (0.04)	ND (0.04)	ND (0.04)
Vanadium	mg/L	ND (0.03)	ND (0.03)	ND (0.03)	ND (0.025)

ND = Not detected. Detection limits in parentheses.

SAMPLE DESCRIPTION INFORMATION

for

Geoscience Consultants, Ltd.

<u>RMA Sample No.</u>	<u>Sample Description</u>	<u>Sample Type</u>	<u>Date Sampled</u>	<u>Date Received</u>
62195-01	1071100	Solid	10/07/86	10/08/86
62195-02	1071105	Solid	10/07/86	10/08/86
62195-03	1071110	Solid	10/07/86	10/08/86
62195-04	1071115	Solid	10/07/86	10/08/86

November 12, 1986

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. NMP 360022004	Manifest Document No. GBR-0001	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address Giant Refining Company Bloomfield Refinery P.O. Box 256 Farmington, NM 87401			A. State Manifest Document Number		B. State Generator's ID	
4. Generator's Phone (505) 632-3306			6. US EPA ID Number NMD 002208627		C. State Transporter's ID	
5. Transporter 1 Company Name Rinchem Company, Inc.			8. US EPA ID Number		D. Transporter's Phone (505) 345-3655	
7. Transporter 2 Company Name			10. US EPA ID Number		E. State Transporter's ID	
9. Designated Facility Name and Site Address USPCI-Grassy Mountain Facility Olive, UT (3 miles East, 7 Miles North of Knolls I-80 Exit)			10. US EPA ID Number UTD 991301748		F. Transporter's Phone	
					G. State Facility's ID	
					H. Facility's Phone (801) 534-0054	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)				12. Containers	13. Total Quantity	14. Unit Wt/Vol
				No.	Type	Waste No.
a. <input checked="" type="checkbox"/> X ^{RG} ^{OR} Hazardous Waste Solid NOS (K051 (Toxic)) ORME NA9189				10	dm	550 G K051
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above 11 A. API Separator Sludge GM 871039				K. Handling Codes for Wastes Listed Above 4064P DUR DSP, DB Dm		
15. Special Handling Instructions and Additional Information						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name Chief Security Inc. Giant Refinery Company			Signature <i>[Signature]</i>		Month Day Year 08/16/87	
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name RONALD A. GILBERT			Signature <i>[Signature]</i>		Month Day Year 08/16/87	
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name			Signature		Month Day Year	
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name DENISE L. REES			Signature <i>[Signature]</i>		Month Day Year 10/8/87	

GENERATOR

TRANSPORTER

FACILITY

LT1010438

4509
87-4508 87-4509

ATTACHMENT C

DATA ON REFINERY STORAGE TANKS

A.) TANKS FOR LIQUIDS

TANK NO.	CAPACITY	YEAR BUILT	PRODUCT	TANK REMOVED TO
1	17,500	1974	CRUDE	
2	5,000	1974	CRUDE	
3	5,000	1974	CRUDE	4-84 BISTI
4	2,000	1974	SR GASO	
5	2,000	1974	SR GASO	
6	250	1974	KERO	
7	250	1974	KERO	
8	250	1974	KERO	
9	250	1974	KERO	
10	1,000	1974	CRUDE	
11	1,000	1974	DIESEL	
12	1,000	1974	DIESEL	
13	1,000	1974	KERO	10-85 ANETH
14	1,000	1974	KERO	1977 REBUILT TK 103
15	1,000	1974	CRUDE	
16	1,000	1974	LEAD PREM GASOLINE	10-85 ANETH
17	1,000	1974	LIGHT PRODUCT	1977 REBUILT TK 103
18	1,000	1974	GAS OIL	
19	1,000	1974	GAS OIL	
20	5,000	1974	RESIDUAL	
106	500	1974	GASO	
21	10,000	1976 or 1977	RESIDUAL	
22	10,000	1976 or 1977	NAT. GASO.	
23	5,000	1977	CONDENSATE	
24	20,000	1977	REG. GASO	
25	20,000	1977	REG. GASO	
26	20,000	1977	DIESEL	
101	500	1977	BURNER FUEL	2-86 TRANS. DISPATCH
103	1,500	1977	CRUDE	BUILT FROM TKS 14 & 17
27	5,000	1979	SR GASO	
28	5,000	1979	LEAD GASO	
29	5,000	1979	LEAD GASO	
31	5,000	1979	PREM GASO	
32	5,000	1979	NO LEAD GASO	
34	5,000	1979	REFORMATE	
35	5,000	1979	KERO	

REFINERY STORAGE TANKS (continued)

TANK NO.	CAPACITY	YEAR BUILT	PRODUCT	TANK REMOVED TO
37	10,000	1979	NO LEAD GASO	
38	20,000	1979	SR GASO	6-86 APACHE JCT.
41	10,000	1979	REFORMATE	
42	10,000	1979	TR. NAPTHA	
44	20,000	1979	RED. CRUDE	
45	20,000	1979	DIESEL	6-86 APACHE JCT.
102	500	1979	CRUDE	
104	210	1979	TOLAD 35	1-85 PIPELINE
201	210	1980	DIESEL	
105	1,500	UNK	BOILER WATER	

B.) TANKS FOR GASES

Gas balance tank - 30,000 gallon capacity - used from 1974 until refinery shutdown

Hydrogen tank - 10,000 gallon capacity - used from 1980 until refinery shutdown

Butane tank - 30,000 gallon capacity - never used and then removed to Ciniza Refinery in 11/85

[EHK/87]

ATTACHMENT D

No. 1303

C. & J. TRUCKING CO.

"Water Hauling"

P. O. BOX 1246 • PHONE: 325-7770 • 24-HOUR SERVICE
 OFFICE and YARD: 3600 BLOOMFIELD HIGHWAY
 FARMINGTON, NEW MEXICO 87401

FROM	SHIPPER	TO	CONSIGNEE
	Farmington, NM	Bloomfield Highway	
Giant Refinery Co. P.O. Box 256 Farmington, NM 87401		DATE BILLED April 8, 1980	P. O. NO.
		Dump Waste Pit.	

DATE	TRUCK NO.	CAPACITY	TICKET NUMBER	HOURS	RATE	AMOUNT
4-03-80	185	3150	13012	3 1/2	32.00	112.00
			13% Fuel Surcharge			14.36
TOTALS				3 1/2	32.00	126.56
					3 3/4% TAX	4.75
					TOTAL AMOUNT	131.31

C. & J. TRUCKING CO.

"Water Hauling"

P.O. BOX 1246 • PHONE 325-7770 • 24-HOUR SERVICE

OFFICE and TRUCK YARD: 3400 BLOOMFIELD HIGHWAY
FARMINGTON, NEW MEXICO 87401

No 13012

TRUCK NO. 185

DATE APRIL 3, 1980

DRIVER John Rhoades

ORDERED BY _____

CUSTOMER Glant Refinery

LOCATION Bloomfield Highway

FROM Waste Pit TO Dump Pit

ONE WAY MILES _____
ROUND TRIP MILES _____

	OIL	WATER	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.	HRS.	REC'D. BY
1. ROAD TIME OUT			10:00	A.M.	1:30	P.M.	3 1/2	John Rhoades
2. BBL. HAULED		100	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
3. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
4. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
5. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
6. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
7. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
8. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
9. BBL. HAULED			STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
10. ROAD TIME IN	XXX XXX	XXXX XXXX	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REC'D. BY
TOTAL BBL.			GALLONS		TOTAL HOURS		3 1/2	32 PER 113

REMARKS: Had waste oil

MEAL STOP _____

ROAD CONDITIONS Good

HIGH GAUGE _____ LOW GAUGE _____ PUSHER _____

L. A. D. TANKERS, INC.

30961

P. O. BOX 291
PH. 325-1808

FARMINGTON, NEW MEXICO

COMPANY Quintana LEASE Plant WELL _____

DRILLING WATER FRAC WATER CEMENT WATER ROAD CONDITIONS SNOWING ICE RAINING MUD CLEAR

FROM Crap Pit TO Dump

START	FINISH	ITEM	QUANTITY	STANDBY TIME	HOURS	RECEIVED BY
10:30 M	M	Pull 7 loads from				
M	M					
M	M	Crap pit @ 75 bbls			5 1/2	
M	M	per load + transfer				
M	M					
M	M	to dump				
M	4:00 P	M				

5 1/2

PUSHER _____ TOTAL HOURS 5 1/2 CAP - 3150 GAL.

DATE Dec. 18, 1979 TRUCK NO. 109 DRIVER Parrel M. Clark

LOA. D. TANKERS, INC.

31115

P. O. BOX 291
PH. 325-1808

FARMINGTON, NEW MEXICO

COMPANY Diart Ind. LEASE _____ WELL _____

DRILLING WATER FRAC WATER CEMENT WATER ROAD CONDITIONS SNOWING ICE
RAINING MUD CLEAR

FROM Diart Ind. TO _____

START	FINISH	ITEM	QUANTITY	STANDBY TIME	HOURS	RECEIVED BY
6:30A M	M	Transfer 4 loads water				
M	M	from evap. pit to			2 1/2	
M	9:00A M	dump.				
9:00A M	M	Transfer 4 loads caustic				
M	M	oil from heater treater			5	
M	M	back to caustic tanks				
M	M					
M	2:00 P					

7 1/2

PUSHER _____ TOTAL HOURS 7 1/2 CAP - 3150 GAL.

DATE Dec. 11, 1979 TRUCK NO. 109 DRIVER David M. Clark

PHONE
228-1888

N.M.E.C. PERMIT 2800-1

L. A. D. TANKERS, INC.

1771

P. O. BOX 251
FARMINGTON, NEW MEXICO 87401
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO:

Giant Industries / Fred Anderson
P.O. Box 256
1 Farmington, NM 87401

DATE January 16, 1980

FROM - Giant Refinery

TO - Dump

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113	Pull Pit		8.50	32.00	272.00
TOTAL					272.00
G.S.T. TAX 4.5%					12.24
TOTAL CHARGES					284.24

L. A. D. TANKERS, INC.

No 0730

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINERY LEASE Bloomfield WELL _____
 TRUCK NO. 113 DRIVER S. Stone DATE 12-31-79
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Refinery TO Dump

BBLs. HAULED		STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	?	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
2. BBLs. Hauled	75	Starting Time 9:00	A.M. P.M.	Stop Time	A.M. P.M.				
3. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
4. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
5. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
6. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
7. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
8. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time 5:00	A.M. P.M.			8	
9. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
10. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
11. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
12. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
13. ROAD TIME IN	XXXXX	Starting Time 5:00	A.M. P.M.	Stop Time 5:30	A.M. P.M.			1/2	
TOTAL BBLs.	525					XXXXX XXXXX		8 1/2	TOTAL HOURS

No one available do
 us. 12-31-79

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

SIGNED S. Stone
DRIVER

L. A. TANKERS, INC.

1792

P.O. BOX 251
 FARMINGTON, NEW MEXICO 87401
 COMPLETE WATER HAULING SERVICE
 FULLY INSURED

To

Giant Industries, Inc.
 P.O. Box 256
 Farmington, NM 87401

Date January 28, 1980

Attn: Fred Anderson

5301-18

FROM -		TO -			
Refinery		Landfill/Dump			
TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113	Pull Pit		13.50		
159			1.75		
160			1.50		
165			11.00		
			37.75	32.00	1048.00
113	Fuel Surcharge	7.00 hrs. @ 3.36			23.52
		8.50 hrs. @ 3.68			31.28
159	" "	3.75 hrs. @ 3.36			12.60
160	" "	4.50 hrs. @ 3.36			15.12
165	" "	11.00 hrs. @ 3.36			36.96
					112.76
	Total Fuel Surcharge				112.76
TOTAL					1160.76
4% N.M. Sales Tax					52.23
TOTAL CHARGES					1212.99

L. A. D. TANKERS, INC.

NO 0933

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT Refinery LEASE Bloomfield WELL _____
TRUCK NO. 113 DRIVER S Stone DATE 1-12-80

RIG WATER FRAC WATER OIL PITS OTHER _____
FROM Refinery TO B. F Land Fill

BBLs. Hauled	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>5:00</u> A.M. <u>P.M.</u>	Stop Time <u>5:30</u> A.M. <u>P.M.</u>			<u>1/2</u>	
2. BBLs. Hauled <u>75</u>	Starting Time <u>5:30</u> A.M. <u>P.M.</u>	Stop Time				
3. BBLs. Hauled <u>75</u>	Starting Time A.M. <u>P.M.</u>	Stop Time				
4. BBLs. Hauled <u>75</u>	Starting Time A.M. <u>P.M.</u>	Stop Time <u>8:30</u> A.M. <u>P.M.</u>			<u>3</u>	
5. BBLs. Hauled <u>*</u>	Starting Time <u>8:30</u> A.M. <u>P.M.</u>	Stop Time <u>10:00</u> A.M. <u>P.M.</u>	<u>1 1/2</u>			
6. BBLs. Hauled <u>75</u>	Starting Time <u>10:00</u> A.M. <u>P.M.</u>	Stop Time				
7. BBLs. Hauled <u>75</u>	Starting Time A.M. <u>P.M.</u>	Stop Time				
8. BBLs. Hauled <u>75</u>	Starting Time A.M. <u>P.M.</u>	Stop Time <u>12:00</u> A.M. <u>P.M.</u>			<u>2</u>	
9. BBLs. Hauled	Starting Time A.M. <u>P.M.</u>	Stop Time				
10. BBLs. Hauled	Starting Time A.M. <u>P.M.</u>	Stop Time				
11. BBLs. Hauled	Starting Time A.M. <u>P.M.</u>	Stop Time				<u>✓</u>
12. BBLs. Hauled	Starting Time A.M. <u>P.M.</u>	Stop Time				
13. ROAD TIME IN <u>XXXXXX</u>	Starting Time A.M. <u>P.M.</u>	Stop Time A.M. <u>P.M.</u>				
TOTAL BBLs. <u>450</u>			<u>XXXXXX</u> <u>XXXXXX</u>		<u>5 1/2</u>	<u>5 1/2</u>
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
MARKS: * DOWN TIME FOR FLAT TIRE

San Juan repro Form 229-1 SIGNED _____ DRIVER

L. A. D. TANKERS, INC.

NO 0934

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINERY LEASE Bloomfield WELL _____
TRUCK NO. 113 DRIVER S. STONE DATE 1-13-80

TRIG WATER FRAC WATER OIL PITS OTHER _____

FROM GIANT REFINERY TO BF LAND FILL

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time	A.M. Stop Time	A.M. P.M.			
2. BBLs. Hauled <u>75</u>	Starting Time <u>12:00</u>	A.M. Stop Time	A.M. P.M.			
3. BBLs. Hauled	Starting Time	A.M. Stop Time <u>1:00</u>	A.M. P.M.		<u>1</u>	<u>JK</u>
4. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
5. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
6. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
7. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
8. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
9. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
10. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
11. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
12. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
13. ROADTIME IN	Starting Time <u>1:00</u>	A.M. Stop Time <u>1:30</u>	A.M. P.M.		<u>1/2</u>	
TOTAL BBLs. <u>75</u>			XXXXX XXXXX		<u>1 1/2</u>	<u>1 1/2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

SIGNED S. Stone DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

012 0451

CUSTOMER GIANT REFINING (G.R.) LEASE (G.R.) BLOOMFIELD WELL PIT

TRUCK NO. 113 DRIVER _____ DATE 1-18-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM GIANT REFINERY PIT TO DUMP

BBLs. HAULED		STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY	
1. Road Time Out	—	Starting Time	4:30 A.M.	Stop Time	5:00 A.M.			1/2		
2. BBLs. Hauled	75	Starting Time	5:00 A.M.	Stop Time					<div style="font-size: 2em;">J</div> <div style="font-size: 2em;">S</div> <div style="font-size: 2em;">T</div> <div style="font-size: 2em;">O</div> <div style="font-size: 2em;">N</div> <div style="font-size: 2em;">E</div>	
3. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
4. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
5. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
6. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
7. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
8. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
9. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
10. BBLs. Hauled	75	Starting Time	A.M.	Stop Time	A.M.					
11. BBLs. Hauled		Starting Time	A.M.	Stop Time	A.M.					
12. BBLs. Hauled		Starting Time	A.M.	Stop Time	A.M.			7 1/2		
13. BBLs. Hauled		Starting Time	A.M.	Stop Time	A.M.			1/2		
TOTAL BBLs.	675					XXXXX XXXXX		8 1/2	8 1/2	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

SIGNED Jene Stone
DRIVER

L. A. D. TANKERS, INC.

NO 0878

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Giant Ref LEASE _____ WELL _____
 TRUCK NO. 159 DRIVER A. F. Sample DATE 1-3-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Ref TO DUMP

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>9:00</u> ^{A.M.} P.M.	Stop Time <u>10:45</u> ^{A.M.} P.M.			<u>1 3/4</u>	<u>J. A. [Signature]</u>
2. BBLs. Hauled	Starting Time	Stop Time				
3. BBLs. Hauled	Starting Time	Stop Time				
4. BBLs. Hauled	Starting Time	Stop Time				
5. BBLs. Hauled	Starting Time	Stop Time				
6. BBLs. Hauled	Starting Time	Stop Time				
7. BBLs. Hauled	Starting Time	Stop Time				
8. BBLs. Hauled	Starting Time	Stop Time				
9. BBLs. Hauled	Starting Time	Stop Time				
10. BBLs. Hauled	Starting Time	Stop Time				
11. BBLs. Hauled	Starting Time	Stop Time				
12. BBLs. Hauled	Starting Time	Stop Time				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time	Stop Time				
TOTAL BBLs.			<u>XXXXX</u> <u>XXXXX</u>		<u>1 3/4</u>	<u>1 3/4</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san Juan repro Form 229-1

SIGNED A. F. Sample
DRIVER

L. A. D. TANKERS, INC.

No 0704

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER G. A. T. Ref LEASE _____ WELL _____
 TRUCK NO. 160 DRIVER al Sample DATE 1-10-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Refinery TO Dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>4:00 A.M.</u>	Stop Time <u>5:30 P.M.</u>			<u>1 1/2</u>	<u>al</u>
2. BBLs. Hauled	Starting Time	Stop Time				
3. BBLs. Hauled	Starting Time	Stop Time				
4. BBLs. Hauled	Starting Time	Stop Time				
5. BBLs. Hauled	Starting Time	Stop Time				
6. BBLs. Hauled	Starting Time	Stop Time				
7. BBLs. Hauled	Starting Time	Stop Time				
8. BBLs. Hauled	Starting Time	Stop Time				
9. BBLs. Hauled	Starting Time	Stop Time				
10. BBLs. Hauled	Starting Time	Stop Time				
11. BBLs. Hauled	Starting Time	Stop Time				
12. BBLs. Hauled	Starting Time	Stop Time				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time	Stop Time				
TOTAL BBLs.			<u>XXXXX</u>		<u>1 1/2</u>	<u>1 1/2</u>
			<u>XXXXX</u>			<u>9</u>

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san Juan repro Form 229-1

SIGNED al Sample
DRIVER

L. A. D. TANKERS, INC.

No 0135

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Giant Ref. LEASE _____ WELL _____
 TRUCK NO. 100 DRIVER Danny Garde DATE 1-17-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO Dump

BBLs. HAULED	STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
1. Road Time Out								
2. BBLs. Hauled	<u>500</u>	<u>6:50</u>	<u>9:00</u>				<u>3</u>	
3. BBLs. Hauled								
4. BBLs. Hauled								
5. BBLs. Hauled								
6. BBLs. Hauled								
7. BBLs. Hauled								
8. BBLs. Hauled								
9. BBLs. Hauled								
10. BBLs. Hauled								
11. BBLs. Hauled								
12. BBLs. Hauled								
13. ROAD TIME IN	<u>XXXXX</u>							
TOTAL BBLs.					<u>XXXXX</u> <u>XXXXX</u>		<u>3</u>	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: _____

San Juan repro Form 229-1
 SIGNED Daniel L. Lander DRIVER

PHONE
221-1000

N.M.E.C.C. PERMIT 2500-1

L. A. D. TANKERS, INC.

NO. 1804

P. O. BOX 256
FARMINGTON, NEW MEXICO 87410
COMPLETE WATER HAULING SERVICE
FULLY INSURED

To

Giant Industries
P.O. Box 256
Farmington, NM 87401

DATE February 11, 1980

FROM -

Refinery

To -

Dump

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113 165 168	Pull Evap. Pit		14.50 4.00 2.00 <u>20.50</u>	32.00	656.00
113 165 168	FUEL SURCHARGES:		53.36 14.72 7.36 <u>75.44</u>		75.44
TOTAL					731.44
ON % N.M. Sales Tax					32.91
TOTAL CHARGES					764.35

L. A. D. TANKERS, INC.

No 0466

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINING LEASE BLOOMFIELD HWY WELL _____
 TRUCK NO. 113 DRIVER J. STONE DATE 1-31-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM GIANT REFINERY EVAP. PIT TO DUMP

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	—	Starting Time <u>2:30</u> A.M. Stop Time <u>3:00</u> A.M.			<u>1/2</u>	<i>[Signature]</i>
2. BBLs. Hauled	<u>75</u>	Starting Time <u>3:00</u> A.M. Stop Time				
3. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
4. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
5. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
6. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
7. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
8. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
9. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
10. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
11. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time P.M.				
12. BBLs. Hauled	<u>75</u>	Starting Time A.M. Stop Time <u>10:00</u> A.M.			<u>7</u>	
13. ROAD TIME IN	XXXXX	Starting Time <u>10:00</u> A.M. Stop Time <u>10:30</u> A.M.			<u>1/2</u>	
TOTAL BBLs.	825		XXXXX XXXXX		8	8 TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: _____

SIGNED Jane Stone
DRIVER

L. A. D. TANKERS, INC.

NO 0453'

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINING LEASE BLOOMFIELD HWY. WELL _____

TRUCK NO. 113 DRIVER J. STONE DATE 1-22-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM EVAPORATION PIT-GIANT REFINERY TO DUMP

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	-	Starting Time <u>1:00</u> A.M. P.M.	Stop Time	A.M. P.M.		
2. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
3. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
4. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
5. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
6. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
7. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
8. BBLs. Hauled	<u>75</u>	Starting Time	Stop Time	A.M. P.M.		
9. BBLs. Hauled		Starting Time	Stop Time	A.M. P.M.		
10. BBLs. Hauled		Starting Time	Stop Time	A.M. P.M.		
11. BBLs. Hauled		Starting Time	Stop Time	A.M. P.M.		
12. BBLs. Hauled		Starting Time	Stop Time <u>7:00</u>	A.M. P.M.		
13. ROAD TIME IN	<u>XXXXX</u>	Starting Time <u>7:00</u> A.M. P.M.	Stop Time <u>7:30</u> A.M. P.M.			
TOTAL BBLs.				XXXXX XXXXX		
					<u>6 1/2</u>	<u>6 1/2</u>
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

San Juan repro Form 229-1

SIGNED Jene Stone
DRIVER

L. A. D. TANKERS, INC.

ME 1040

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Gaint Refinery LEASE _____ WELL _____
 TRUCK NO. 168 DRIVER Terry Taylor DATE 11-30-80
 RIG WATER FRAC WATER OIL PITS OTHER pull pit water
 FROM refinery TO dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out <u>75</u>	Starting Time <u>3:45</u> A.M. <u>P.M.</u>	Stop Time _____ <u>_____</u>				
2. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
3. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
4. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
5. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
6. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
7. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
8. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
9. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
10. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
11. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
12. BBLs. Hauled	Starting Time _____ A.M. / P.M.	Stop Time _____ A.M. / P.M.				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time _____ A.M. / P.M.	Stop Time <u>5:45</u> A.M. <u>P.M.</u>			<u>2</u>	
TOTAL BBLs. <u>75</u>			<u>XXXXX</u>		<u>2</u>	<u>2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: Tried to pull pit at shell sub station
Pulled one load at refinery

SIGNED Terry Taylor
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

1527

CUSTOMER GIANT REFINERY LEASE _____ WELL _____
 TRUCK NO. 170 DRIVER JAMES JOHNSON DATE 3-12-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM EUPA PITS TO LANDFILL DISPOSAL

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	75 Starting Time <u>5:00</u> A.M.	Stop Time _____ A.M.				
2. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
3. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
4. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
5. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
6. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
7. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
8. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
9. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time _____ P.M.				
10. BBLs. Hauled	75 Starting Time _____ A.M.	Stop Time <u>12:00</u> P.M.			7	
11. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ P.M.				
12. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ P.M.				
13. ROAD TIME IN	XXXXX Starting Time _____ A.M.	Stop Time _____ P.M.				
TOTAL BBLs.	750		XXXXX		7	
			XXXXX		7	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: skin 75 barrels of oil off top of sump (2 hrs)

SIGNED James E. Johnson
 DRIVER

C. & J. TRUCKING CO.

"Water Hauling"

P.O. BOX 1246 • PHONE 332-7770 • 24-HOUR SERVICE

OFFICE and TRUCK YARD: 3600 BLOOMFIELD HIGHWAY
FARMINGTON, NEW MEXICO 87401

No 11783

TRUCK NO. 162

DATE 4-12-80

DRIVER COY

ORDERED BY _____

CUSTOMER Hiant Refinery

LOCATION Hiant Refinery

FROM Pit (Hot)

TO Landfill

ONE WAY MILES _____
ROUND TRIP MILES 25

	OIL	WATER	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.	HRB.	REQ'D. BY
1. ROAD TIME OUT		100	5:30	P.M.				
2. BBLs. HAULED		100		P.M.		P.M.		
3. BBLs. HAULED		100		P.M.		P.M.		
4. BBLs. HAULED		100		P.M.		P.M.		
5. BBLs. HAULED		100		P.M.		P.M.		
6. BBLs. HAULED		100		P.M.		P.M.		
7. BBLs. HAULED		100		P.M.		P.M.		
8. BBLs. HAULED				P.M.		P.M.		
9. BBLs. HAULED				P.M.	12:00	P.M.	6 1/2	
10. ROAD TIME IN	XXX XXX	XXXX XXXX	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.		REQ'D. BY
TOTAL BBLs.		700	GALLONS	29400	TOTAL HOURS	6 1/2	34'	PER 221.5

REMARKS: pull water pit HIGH GAUGE _____ LOW GAUGE _____ PUSHER Bob Clark

MEAL STOP _____

ROAD CONDITIONS rough

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

3954

CUSTOMER Giant Industries LEASE Refinery WELL _____
 TRUCK NO. #163 DRIVER Jeff Adams DATE 8-20-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO Dump

BBLs. Hauled	Starting Time	Stop Time	Off Duty Hours	Stand-by Hours	Haul Hours	Received By	
1. Road Time Out	75	Starting Time 7:00	Stop Time	A.M.		New York	
2. BBLs. Hauled	75	Starting Time	Stop Time	A.M.			
3. BBLs. Hauled	75	Starting Time	Stop Time	A.M.			
4. BBLs. Hauled	75	Starting Time	Stop Time	A.M.			
5. BBLs. Hauled	75	Starting Time	Stop Time	A.M.			
6. BBLs. Hauled	75	Starting Time	Stop Time 12:00	A.M.			
7. BBLs. Hauled		Starting Time	Stop Time	A.M.			
8. BBLs. Hauled		Starting Time	Stop Time	A.M.			
9. BBLs. Hauled		Starting Time	Stop Time	A.M.			
10. BBLs. Hauled		Starting Time	Stop Time	A.M.			
11. BBLs. Hauled		Starting Time	Stop Time	A.M.			
12. BBLs. Hauled		Starting Time	Stop Time	A.M.			
13. ROAD TIME IN	XXXXX	Starting Time	Stop Time	A.M.			
TOTAL BBLs.	450			XXXXX	5	5	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

San Juan repro Form 229-1

SIGNED Jeff Adams
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 325-1808

3855 ✓

CUSTOMER Giant Industries LEASE Refinery WELL _____
 TRUCK NO. #113 DRIVER Jeff Adams DATE 8-21-90
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO Dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY	
1. Road Time Out	75	Starting Time 12:00 A.M. P.M.	Stop Time	A.M. P.M.			
2. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
3. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
4. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
5. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
6. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
7. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
8. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
9. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
10. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
11. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time	A.M. P.M.			
12. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time 12:00 A.M. P.M.	A.M. P.M.			
13. ROAD TIME IN	XXXXX	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
TOTAL BBLs.	900			XXXXX XXXXX	12	12	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: _____

san Juan repro Form 229-1 SIGNED Jeff Adams
DRIVER

ATTACHMENT E



NALCO CHEMICAL COMPANY

P. O. BOX 220 • LONG BEACH, CALIFORNIA 90801 • AREA 213-537-8500

November 25, 1980

Giant Refining
P. O. Box 256
Farmington, New Mexico 87401

Attention: Mr. Doc Morris

Dear Doc:

Attached please find analysis #A24084. As you are aware, this analysis was performed on a sample of water taken from the evaporation pit at your plant.

The results of this analysis indicate that chromium from the cooling water is present in the sample in the amount of 4.5 parts per million (as CrO_4) and that oil is present also. It (oil) is represented as "freon extractables" in the amount of 4 parts per million. This is the only sample tested to date. A subsequent sample was obtained but not tested, as it contained large quantities of oil.

For New Mexico EID purposes, I feel that the attached analysis can be considered representative. If you have any questions, please call.

Regards,

C. Bruce Young

C. Bruce Young
District Representative

CBY:bb

Enclosure: Report of Water Analysis No. A 24084



REPORT OF WATER ANALYSIS

FROM:
GIANT REFINING
FARMINGTON, NEW MEXICO

ANALYSIS NO. A 24034
DATE SAMPLED 10/17/80
DATE RECEIVED 10/22/80
DATE PRINTED 10/27/80

SAMPLE MARKED:
EVAP PIT

CATIONS:	PPM
CALCIUM (CAC03) - SOLUBLE	500.
MAGNESIUM (CAC03) - SOLUBLE	180.
SODIUM (CAC03)	1200.

ANIONS:	PPM
BICARBONATE ALKALINITY (CAC03)	82.
CHLORIDE (CAC03)	980.
SULFATE (CAC03)	1100.
SILICA (SI02) - SOLUBLE	33.

OTHERS:	PPM
PH (PH UNITS)	7.6
ALKALINITY (CAC03) - TOTAL	82.
ALKALINITY (CAC03) - PHENOLPHTHALEIN	*ND (2.)
CONDUCTIVITY (MICROMHOS PER CM)	4000.
TOTAL SUSPENDED SOLIDS AT 105 C	22.
CHROMIUM (CR04) - SOLUBLE AND INSOLUBLE	4.5
IRON (FE) - SOLUBLE AND INSOLUBLE	3.5
FREON EXTRACTABLES	4.

*NOT DETECTED (BELOW INDICATED LIMIT OF DETECTION)

ATTACHMENT F

GIGANT

INDUSTRIES, INC.

5107 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3584

PURCHASE ORDER

GIGANT

INDUSTRIES, INC.

REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 692-3308

34865

DATE: 4 / 8 / 80

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

Name: **GM Trucking Co.**
Address: **P.O. Box 1246**
City: **Farmington** State: **N.M.** Zip: **87401**

Name: **Giant Refinery**
Address: **P.O. Box 256**
City: **Farmington** State: **N.M.** Zip: **87401**

PROJECT NO.
~~EXP. SERVICE~~

Any billing per billing to trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	DIVISIONS		UNIT NO.
					TRK	REF	
1		Truck # 105 At 3.5 Hours	12.00	12.00			0982-18
2		137 Fuel Center	14.56	14.56			
3		Special	126.56	126.56			
4		Box 3.75X	4.75	4.75			
5		Box 1	121.31	121.31			
6							
7							
8							
9							
10							
11							
12							
13							
14							

Confirming Do Not Duplicate Invoice

THIS ORDER IS SUBJECT TO

OK TO PAY *P.K.*
4-10-80

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS *Ralph Clark, Refinery Manager*

No. 1303

C. & J. TRUCKING CO.

"Water Hauling"

P. O. BOX 1246 • PHONE: 325-7770 • 24-HOUR SERVICE

OFFICE and YARD: 2600 BLOOMFIELD HIGHWAY

FARMINGTON, NEW MEXICO 87401

FROM

SHIPPER

Farmington, NM

TO

CONSIGNEE

Bloomfield Highway

Giant Refinery Co.
P.O. Box 256
Farmington, NM 87401

DATE BILLED April 8, 1980

P. O. NO.

Dump Waste Pit.

DATE	TRUCK NO.	CAPACITY	TICKET NUMBER	HOURS	RATE	AMOUNT
4-03-80	185	3150	13012	3 1/2	32.00	112.00
			13% Fuel Surcharge			14.36
TOTALS				3 1/2	32.00	126.56
					3 3/4% TAX	4.75
					TOTAL AMOUNT	131.31

C. & J. TRUCKING CO.

"Water Hauling"

P.O. BOX 1246 • PHONE 325-7770 • 24-HOUR SERVICE

OFFICE and TRUCK YARD: 3400 BLOOMFIELD HIGHWAY
FARMINGTON, NEW MEXICO 87401

No 13012

TRUCK NO. 185 DATE APRIL 3, 1980
 DRIVER John Rhodes ORDERED BY _____
 CUSTOMER Slant Refinery LOCATION Bloomfield Highway
 FROM Waste Pit TO Dump Pit ONE WAY MILES _____
 ROUND TRIP MILES _____

	OIL	WATER	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.	HRS.	REC'D. BY
1. ROAD TIME OUT			10:00	A.M.	1:30	A.M.	3 1/2	Cal Williams
2. BBLs. HAULED		100						
3. BBLs. HAULED								
4. BBLs. HAULED								
5. BBLs. HAULED								
6. BBLs. HAULED								
7. BBLs. HAULED								
8. BBLs. HAULED								
9. BBLs. HAULED								
10. ROAD TIME IN	XXX XXX	XXXX XXXX						
TOTAL BBLs.							3 1/2	33 PER \$ 112

REMARKS: Had waste cans
 MEAL STOP _____
 ROAD CONDITIONS Good

GIANT

INDUSTRIES, INC.

5177 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3584

PURCHASE ORDER

GIANT

INDUSTRIES, INC.

REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-3306

33562

DATE: 12 / 17 / 79

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

Name **L.A.D. Tankers Inc.**
 Address **P.O. Box 291**
 City **Farmington** State **N.M.** Zip **87401**

Name **Giant Refinery**
 Address **P.O. Box 256**
 City **Farmington** State **N.M.** Zip **87401**

PROJECT NO.
 TAGS: **Hauling**

Any billing pertaining to trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	SHIP		PREPAY		TRANSPORTATION CHARGES		DATE NEEDED	DIVISIONS					UNIT NO.
					PREPAID	TO BE ASSUMED BY VENDOR	TO BE ASSUMED BY SHIPPER	S.S.	C	TD		REF	TRK	GOODIES			
1		Haul Water	32.00	56.00													5701-13
2		Tax 4.5%		2.52													
3		Total		58.52													
4		Confirming Do Not Duplicate Invoices # 1754															
5		Pull Pit	32.00	176.00													
6		Tax 4.5%		7.92													
7		Total		183.92													
8		Confirming Do Not Duplicate Invoices # 1753															
9		Pull Pit	32.00	240.00													
10		Tax 4.5%		10.80													
11		Total		250.80													
12		Confirming Do Not Duplicate Invoice # 1756															

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

OK TO PAY
FRED ANDERSON

1/7/80

APPROVALS Fred Anderson Purchasing Agent

Fred Anderson

PHONE
325-1888

N.M.S.C.C. PERMIT 8803-1

C. A. D. TANKERS, INC.

1754

P. O. BOX 257
FARMINGTON, NEW MEXICO 87401
COMPLETE WATER HAULING SERVICE
FULLY INSURED

To:

Giant Industries
P.O. Box 256
Farmington, NM 87401

DATE December 27, 1979

FROM -

To:

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
163	Haul water		1.75	32.00	56.00
TOTAL					56.00
4% N.M. Sales Tax					2.52
TOTAL CHARGES					58.52

L. A. D. TANKERS, INC.

30946

P. O. BOX 291
PH. 325-1808

FARMINGTON, NEW MEXICO

COMPANY Giant Refin. Co LEASE _____ WELL _____

DRILLING WATER FRAC WATER CEMENT WATER ROAD CONDITIONS SNOWING ICE RAINING MUD CLEAR

FROM _____ TO _____

START	FINISH	ITEM	QUANTITY	STANDBY TIME	HOURS	RECEIVED BY
9:45 M	10:30 M	ROAD TIME IN	45 BBS	1 LOAD	1 3/4	<i>[Signature]</i>
M	M			45 BBS		
M	M					
M	M					
M	M					
M	M					
M	M					
M	M					

PUSHER _____ TOTAL HOURS 1 3/4 CAP - 3150 GAL.

DATE 12-6-76 TRUCK NO. 163 DRIVER *[Signature]*

LOA. D. TANKERS, INC.

30961

P. O. BOX 291
PH. 325-1808

FARMINGTON, NEW MEXICO

COMPANY Quant Prod LEASE Plant WELL _____
 DRILLING WATER FRAC WATER CEMENT WATER ROAD CONDITIONS SNOWING ICE
 RAINING MUD CLEAR

FROM Crap Pit TO Dump

START	FINISH	ITEM	QUANTITY	STANDBY TIME	HOURS	RECEIVED BY
10:30 M	M	Pull 7 loads from				
M	M					
M	M	Crap pit @ 75 bbls			5 1/2	
M	M	per load + transfer				
M	M					
M	M	to dump				
M	4:00 p	M				

PUSHER _____ TOTAL HOURS 5 1/2 CAP - 3150 GAL.
 DATE Dec. 18, 1979 TRUCK NO. 109 DRIVER Darrel M. Clark

PHONE
225-1888

N.M.S.C.C. PERMIT 869-1

L. A. D. TANKERS, INC.

NR 1752

P. O. BOX 291
FARMINGTON, NEW MEXICO 87403
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO:

Giant Industries
P.O. Box 256
Farmington, NM 87401

DATE December 27, 1979

FROM - Evap. Pit

TO - Dump

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
109	Pull Pit		5.50	32.00	176.00
TOTAL					176.00
3% S.P.A. Charge Tax					7.92
TOTAL CHARGES					183.92

PHONE
522-1888

INVOICE

N.M.S.C.C. PERMIT 8803-1

L. A. D. TANKERS, INC.

MI 1758

P. O. BOX 251
FARMINGTON, NEW MEXICO 87401
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO

Giant Refinery
P.O. Box 256
Farmington, NM 87401

DATE December 27, 1979

FROM - Pit/ Heater Treater

TO - Dump/ Crude Tanks

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
109	Pull Pit		2.50		
109	Transfer Oil		5.00		
			<u>7.50</u>	32.00	240.00
TOTAL					240.00
4% N.M. Sales Tax					10.80
TOTAL CHARGES					250.80

A. D. TANKERS, INC.

31115

P. O. BOX 291
PH. 325-1808

FARMINGTON, NEW MEXICO

COMPANY Quint And. LEASE _____ WELL _____

DRILLING WATER FRAC WATER CEMENT WATER ROAD CONDITIONS SNOWING ICE
RAINING MUD CLEAR

FROM Quint And. TO _____

START	FINISH	ITEM	QUANTITY	STANDBY TIME	HOURS	RECEIVED BY
6:30A M	M	Transfer 4 loads water				
M	M	from evap. pit to			2 1/2	
M	9:00A M	dump.				
9:00A M	M	Transfer 4 loads caudal				
M	M	oil from heater treater			5	
M	M	back to caudal tanks				
M	M					
M	2:00 P	M				

7 1/2

PUSHER _____ TOTAL HOURS 7 1/2 CAP - 3150 GAL.

DATE Dec. 11, 1979 TRUCK NO. 109 DRIVER Darrel M Clark



PURCHASE ORDER



INDUSTRIES, INC.

5107 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3594

REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-3306

NOTE: INVOICES & ALL
OTHER DOCUMENTS MUST
SHOW THIS NUMBER

33772

DATE: 1 / 16 / 80

PROJECT NO.
Tag-Pull Pils

Name	Lab. M. Tankers Inc.
Address	P.O. Box 291
City	Paradise
State	N.M.
Zip	87401

Name	Giant Refinery
Address	P.O. Box 256
City	Paradise
State	N.M.
Zip	87401

Any billing pertaining to Trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT NO.	DIVISIONS				UNIT PRICE	EXTENDED PRICE
				SS.	C	TD	REF DIV		

1		Pull Pils						30.00	30.00
2								15.00	15.00
3								20.00	20.00
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
Total									205.00

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

OK TO PAY

FRED ANDERSON

1/18/80

APPROVALS

Fred Anderson
Fred Anderson - Purchasing Agent

PHONE
225-1000

N.M.E.C.C. PERMIT 2500-1

L. A. D. TANKERS, INC.

P. O. BOX 251
FARMINGTON, NEW MEXICO 87401
COMPLETE WATER HAULING SERVICE
FULLY INSURED

1771

To:

Giant Industries / Fred Anderson
P.O. Box 256
1 Farmington, NM 87401

DATE January 16, 1980

FROM - Giant Refinery

TO - Dump

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113	Full Pit		8.50	32.00	272.00
TOTAL					272.00
4% N.M. Sales Tax					12.24
TOTAL CHARGE					284.24

L. A. D. TANKERS, INC.

NO 0730

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINERY LEASE Bloomfield WELL _____
 TRUCK NO. 113 DRIVER S. Stone DATE 12-31-79
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Refinery TO Dump

BBLs. Hauled	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
2. BBLs. Hauled	<u>75</u> Starting Time <u>9:00</u>	<u>A.M.</u> / <u>P.M.</u>	Stop Time	A.M. / P.M.		
3. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
4. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
5. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
6. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
7. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
8. BBLs. Hauled	<u>75</u> Starting Time	A.M. / P.M.	<u>5:00</u> Stop Time	<u>A.M.</u> / <u>P.M.</u>	<u>8</u>	
9. BBLs. Hauled	Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
10. BBLs. Hauled	Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
11. BBLs. Hauled	Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
12. BBLs. Hauled	Starting Time	A.M. / P.M.	Stop Time	A.M. / P.M.		
13. ROAD TIME IN	<u>XXXXX</u> Starting Time <u>5:00</u>	<u>A.M.</u> / <u>P.M.</u>	<u>5:30</u> Stop Time	<u>A.M.</u> / <u>P.M.</u>	<u>1/2</u>	
TOTAL BBLs.	<u>525</u>			<u>XXXXX</u> / <u>XXXXX</u>	<u>8 1/2</u>	TOTAL HOURS

No one available to receive
 12-31-79
 [Signature]

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

SIGNED S. Stone DRIVER

GIANT
INDUSTRIES, INC.
5107 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3584

PURCHASE ORDER

GIANT
INDUSTRIES, INC.
REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-3306

NOTE: INVOICES & ALL
OTHER DOCUMENTS MUST
SHOW THIS NUMBER
33994
DATE: **1/28/60**

Name **L.A.B. Tankers, Inc.**
Address **PO Box 901**
City **Farmington** State **NM** Zip **87401**

Name **Giant Refinery**
Address **PO Box 256**
City **Farmington, New** State **NM** Zip **87401**

PROJECT NO.
Any billing pertaining to trucking
or refining should be billed in
triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	DIVISIONS				UNIT NO.	UNIT PRICE	EXTENDED PRICE
			S.S.	C	TD	TRK DIV			
1		Bill #16							
2		Round 15.50							
3		" 1.75							
4		" 4.50							
5		" 11.00							
6		Typical Overcharges 7.00							
7									
8									
9									
10									
11									
12									
13									
14									
TOTAL FUEL SUBGRANOR									
Total									
N.M. Sales Tax									
Total Charges									

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE
HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS
ATTACHED HERETO.

CONFIRMING ONLY DO NOT DUPLICATE PAYMENTS & 1792

ERED ANDERSON

APPROVALS

[Signature]
Fred Anderson, Purchasing Agent

Total Charges

N.M. Sales Tax

TOTAL FUEL SUBGRANOR

112.76

1,160.76

52.23

1,328.99

L. A. D. TANKERS, INC.

1792

P. O. BOX 281
 FARMINGTON, NEW MEXICO 87410
 COMPLETE WATER HAULING SERVICE
 FULLY INSURED

TO:

Giant Industries, Inc.
 P.O. Box 256
 Farmington, NM 87401

DATE January 28, 1980

Attn: Fred Anderson

5301-18

FROM - Refinery		TO - Landfill/Dump			
TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113	Pull Pit		15.50		
159			1.75		
160			1.50		
165			11.00		
			32.75	32.00	1048.00
113	Fuel Surcharge	7.00 hrs. @ 3.36	23.52		
		8.50 hrs. @ 3.68	31.28		
159	" "	1.75 hrs. @ 3.36	5.88		
160	" "	4.50 hrs. @ 3.36	15.12		
165	" "	11.00 hrs. @ 3.36	36.96		
			112.76		
	Total Fuel Surcharge				112.76
TOTAL					1160.76
4% N.M. Sales Tax					52.23
TOTAL CHARGES					1212.99

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

No 0933

CUSTOMER Grant Refinery LEASE Bloomfield WELL _____
 TRUCK NO. 113 DRIVER S Stone DATE 1-12-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Refinery TO B. F Land Fill

BBLs. Hauled	Starting Time	Stop Time	Off Duty Hours	Stand-by Hours	Haul Hours	Received By
1. Road Time Out	Starting Time <u>5:00</u> A.M.	Stop Time <u>5:30</u> A.M.			<u>1/2</u>	
2. BBLs. Hauled <u>75</u>	Starting Time <u>5:30</u> A.M.	Stop Time _____ A.M.				
3. BBLs. Hauled <u>75</u>	Starting Time _____ A.M.	Stop Time _____ A.M.				
4. BBLs. Hauled <u>75</u>	Starting Time _____ A.M.	Stop Time <u>8:30</u> A.M.			<u>3</u>	
5. BBLs. Hauled <u>*</u>	Starting Time <u>8:30</u> A.M.	Stop Time <u>10:00</u> A.M.	<u>1 1/2</u>			
6. BBLs. Hauled <u>75</u>	Starting Time <u>10:00</u> A.M.	Stop Time _____ A.M.				
7. BBLs. Hauled <u>75</u>	Starting Time _____ A.M.	Stop Time _____ A.M.				
8. BBLs. Hauled <u>75</u>	Starting Time _____ A.M.	Stop Time <u>12:00</u> A.M.			<u>2</u>	
9. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
10. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
11. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				<u>7/2</u>
12. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time _____ A.M.	Stop Time _____ A.M.				
TOTAL BBLs. <u>450</u>			<u>XXXXX</u> <u>XXXXX</u>		<u>5 1/2</u>	<u>5 1/2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 MARKS: * DOWN TIME FOR FLAT TIRE

san Juan repro Form 229-1 SIGNED _____ DRIVER

L. A. D. TANKERS, INC.

NO 0934

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT Refinery LEASE Bloomfield WELL _____
TRUCK NO. 113 DRIVER S. Stone DATE 1-13-80

TRIG WATER FRAC WATER OIL PITS OTHER _____
FROM GIANT Refinery TO BF Land Fill

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time	A.M. Stop Time	A.M. P.M.			
2. BBLs. Hauled <u>75</u>	Starting Time <u>12:00</u>	A.M. P.M. Stop Time	A.M. P.M.			
3. BBLs. Hauled	Starting Time	A.M. Stop Time <u>1:00</u>	A.M. P.M.		<u>1</u>	<u>BK</u>
4. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
5. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
6. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
7. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
8. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
9. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
10. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
11. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
12. BBLs. Hauled	Starting Time	A.M. Stop Time	A.M. P.M.			
13. ROAD TIME IN <u>XXXXX</u>	Starting Time <u>1:00</u>	A.M. P.M. Stop Time <u>1:30</u>	A.M. P.M.		<u>1/2</u>	
TOTAL BBLs. <u>75</u>			<u>XXXXX</u> <u>XXXXX</u>		<u>1 1/2</u>	<u>1 1/2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

San Juan repro Form 229-1 SIGNED S. Stone DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

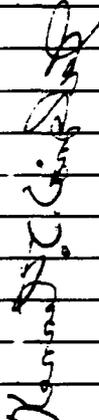
#12 0451

CUSTOMER GIANT REFINING (G.R.) LEASE (G.R.) BLOOMFIELD WELL PIT

TRUCK NO. 113 DRIVER _____ DATE 1-18-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM GIANT REFINERY PIT TO DUMP

BBLs. HAULED		STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	—	Starting Time 4:30 A.M.	Stop Time 5:00 A.M.			1/2	
2. BBLs. Hauled	75	Starting Time 5:00 A.M.	Stop Time				
3. BBLs. Hauled	75	Starting Time	Stop Time				
4. BBLs. Hauled	75	Starting Time	Stop Time				
5. BBLs. Hauled	75	Starting Time	Stop Time				
6. BBLs. Hauled	75	Starting Time	Stop Time				
7. BBLs. Hauled	75	Starting Time	Stop Time				
8. BBLs. Hauled	75	Starting Time	Stop Time				
9. BBLs. Hauled	75	Starting Time	Stop Time				
10. BBLs. Hauled	75	Starting Time	Stop Time				
11. BBLs. Hauled		Starting Time	Stop Time				
12. BBLs. Hauled		Starting Time	Stop Time 12:30 P.M.			7 1/2	
LOAD TIME IN	XXXXX	Starting Time 12:30 A.M.	Stop Time 1:00 P.M.			1/2	
TOTAL BBLs.	675			XXXXX XXXXX		8 1/2	8 1/2
						TOTAL HOURS	

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san Juan repro Form 229-1

SIGNED Jene Stone
DRIVER

L. A. D. TANKERS, INC.

NO 0878

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Giant Ref LEASE _____ WELL _____
 TRUCK NO. 159 DRIVER al Sample DATE 1-3-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Ref TO DUMP

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>9:00</u> <u>A.M.</u>	Stop Time <u>10:45</u> <u>P.M.</u>			<u>1 3/4</u>	<u>John A. ...</u>
2. BBLs. Hauled	Starting Time _____	Stop Time _____				
3. BBLs. Hauled	Starting Time _____	Stop Time _____				
4. BBLs. Hauled	Starting Time _____	Stop Time _____				
5. BBLs. Hauled	Starting Time _____	Stop Time _____				
6. BBLs. Hauled	Starting Time _____	Stop Time _____				
7. BBLs. Hauled	Starting Time _____	Stop Time _____				
8. BBLs. Hauled	Starting Time _____	Stop Time _____				
9. BBLs. Hauled	Starting Time _____	Stop Time _____				
10. BBLs. Hauled	Starting Time _____	Stop Time _____				
11. BBLs. Hauled	Starting Time _____	Stop Time _____				
12. BBLs. Hauled	Starting Time _____	Stop Time _____				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time _____	Stop Time _____				
TOTAL BBLs.			<u>XXXXX</u>		<u>13/4</u>	<u>13/4</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san juan repro Form 229-1

SIGNED al Sample
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

No 0704

CUSTOMER Giant Ref LEASE _____ WELL _____
 TRUCK NO. 160 DRIVER al Sample DATE 1-10-80
 RIG WATER FRAC WATER OIL PITS OTHER
 FROM Refinery TO Dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>4:00</u> A.M.	Stop Time <u>5:30</u> A.M.			<u>1 1/2</u>	<u>UJ</u>
2. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
3. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
4. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
5. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
6. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
7. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
8. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
9. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
10. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
11. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
12. BBLs. Hauled	Starting Time _____ A.M.	Stop Time _____ A.M.				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time _____ A.M.	Stop Time _____ A.M.				
TOTAL BBLs.			<u>XXXXX</u>		<u>1 1/2</u>	<u>1 1/2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san Juan repro Form 229-1

SIGNED al Sample
DRIVER

L. A. D. TANKERS, INC.

No 0135

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Giant Ref. LEASE _____ WELL _____
 TRUCK NO. 100 DRIVER Danny Gaudin DATE 1-17-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO Dump

BBLs. HAULED	STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.				
1. Road Time Out								
2. BBLs. Hauled	<u>500 gal</u>	<u>6:00</u>	<u>9:00</u>				<u>3</u>	
3. BBLs. Hauled								
4. BBLs. Hauled								
5. BBLs. Hauled								
6. BBLs. Hauled								
7. BBLs. Hauled								
8. BBLs. Hauled								
9. BBLs. Hauled								
10. BBLs. Hauled								
11. BBLs. Hauled								
12. BBLs. Hauled								
13. ROAD TIME IN	<u>XXXXX</u>							
TOTAL BBLs.					<u>XXXXX</u> <u>XXXXX</u>		<u>3</u>	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

SIGNED Daniel L. Gaudin
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

0332

CUSTOMER GANT. REFINING. CO INC LEASE _____ WELL _____

TRUCK NO. 165 DRIVER JC JOHNSON DATE 1-16-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM GANT REFINING TO DESPOLES ARERY

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	100	Starting Time 3:00 P.M.	Stop Time P.M.			
2. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
3. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
4. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
5. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
6. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
7. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
8. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
9. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
10. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
11. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
12. BBLs. Hauled	100	Starting Time A.M.	Stop Time P.M.			
13. ROAD TIME IN	XXXXX	Starting Time A.M.	Stop Time 2:00 P.M.		11	
TOTAL BBLs.	1200			XXXXX XXXXX	11	11
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

San Juan repro Form 229-1

SIGNED

JC Johnson
DRIVER

PHONE
525-1888

N.M.B.C.C. PERMIT 8800-1

L. A. D. TANKERS, INC.

NO. 1804

P. O. BOX 256
FARMINGTON, NEW MEXICO 87419
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO:

Giant Industries
P.O. Box 256
Farmington, NM 87401

DATE February 11, 1980

FROM -		TO -			
Refinery		Dump			
TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113	Pull Evap. Pit		14.50		
165			4.00		
168			2.00		
			<u>20.50</u>	32.00	656.00
	FUEL SURCHARGES:				
113		53.36			
165		14.72			
168		7.36			
		<u>75.44</u>			75.44
TOTAL					731.44
4% N.M. Sales Tax					32.91
TOTAL CHARGES					764.35

L. A. D. TANKERS, INC.

No 0466

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER GIANT REFINING LEASE BLOOMFIELD HWY WELL _____

TRUCK NO. 113 DRIVER J. STONE DATE 1-31-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM GIANT REFINERY EVAP. PIT TO DUMP

BBLs. HAULED	STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY	
1. Road Time Out	—	Starting Time	2:30	A.M.	Stop Time	3:00	A.M.	<div style="font-size: 2em; font-weight: bold;">J. Stone</div>	
2. BBLs. Hauled	75	Starting Time	3:00	A.M.	Stop Time		A.M.		
3. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
4. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
5. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
6. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
7. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
8. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
9. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
10. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
11. BBLs. Hauled	75	Starting Time		A.M.	Stop Time		A.M.		
12. BBLs. Hauled	75	Starting Time		A.M.	Stop Time	10:00	A.M.		
13. ROAD TIME IN	XXXXX	Starting Time	10:00	A.M.	Stop Time	10:30	A.M.		
TOTAL BBLs.	825					XXXXX XXXXX	8	8	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

Juan repro Form 229-1

SIGNED

J. Stone
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

NO 0453'

CUSTOMER GIANT REFINING LEASE BLOOMFIELD HWY. WELL _____

TRUCK NO. 113 DRIVER J. STONE DATE 1-22-80

RIG WATER FRAC WATER OIL PITS OTHER _____

FROM EVAPORATION PIT-GIANT REFINERY TO DUMP

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	-	Starting Time 1:00 P.M. A.M.	Stop Time A.M. P.M.			
2. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
3. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
4. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
5. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
6. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
7. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
8. BBLs. Hauled	75	Starting Time A.M. P.M.	Stop Time A.M. P.M.			
9. BBLs. Hauled		Starting Time A.M. P.M.	Stop Time A.M. P.M.			
10. BBLs. Hauled		Starting Time A.M. P.M.	Stop Time A.M. P.M.			
11. BBLs. Hauled		Starting Time A.M. P.M.	Stop Time A.M. P.M.			
12. BBLs. Hauled		Starting Time A.M. P.M.	Stop Time 7:00 A.M. P.M.			
13. ROAD TIME IN	XXXXX	Starting Time 7:00 P.M. A.M.	Stop Time 7:30 P.M. A.M.			
TOTAL BBLs.			XXXXX XXXXX		6 1/2 6 1/2	6 1/2
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san juan repro Form 229-1 SIGNED Jene Stone
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 325-1808

No 0345

CUSTOMER GIANT REFINERY LEASE _____ WELL _____

TRUCK NO. 165 DRIVER J.C JOHNSON DATE 1-23-80

RIG WATER FRAC WATER OIL PITS OTHER

FROM GIANT REFINERY TO DESPOLES ARERY

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>3:00</u> A.M. <u>P.M.</u>	Stop Time _____				
2. BBLs. Hauled	Starting Time _____	Stop Time _____				
3. BBLs. Hauled	Starting Time _____	Stop Time _____				
4. BBLs. Hauled	Starting Time _____	Stop Time _____				
5. BBLs. Hauled	Starting Time _____	Stop Time _____				
6. BBLs. Hauled	Starting Time _____	Stop Time _____				
7. BBLs. Hauled	Starting Time _____	Stop Time _____				
8. BBLs. Hauled	Starting Time _____	Stop Time _____				
9. BBLs. Hauled	Starting Time _____	Stop Time _____				
10. BBLs. Hauled	Starting Time _____	Stop Time _____				
11. BBLs. Hauled	Starting Time _____	Stop Time _____				
12. BBLs. Hauled	Starting Time _____	Stop Time _____				
13. ROAD TIME IN	Starting Time _____	Stop Time <u>7:00</u> A.M. <u>P.M.</u>			<u>H</u>	
TOTAL BBLs.			XXXXX XXXXX		<u>H</u>	<u>H</u>
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: CLEANING UP AROUND TANKS

San Juan repro Form 229-1

SIGNED J.C JOHNSON
DRIVER

L. A. D. TANKERS, INC.

NO 1040

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Gaint Refinery LEASE _____ WELL _____
 TRUCK NO. 169 DRIVER Terry Taylor DATE 1-30-80
 RIG WATER FRAC WATER OIL PITS OTHER pull pit water
 FROM refinery TO dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out <u>75</u>	Starting Time <u>3:45</u> A.M. <u>P.M.</u>	Stop Time 5:45 <u>5:45</u> A.M. <u>P.M.</u>				
2. BBLs. Hauled	Starting Time	Stop Time				
3. BBLs. Hauled	Starting Time	Stop Time				
4. BBLs. Hauled	Starting Time	Stop Time				
5. BBLs. Hauled	Starting Time	Stop Time				
6. BBLs. Hauled	Starting Time	Stop Time				
7. BBLs. Hauled	Starting Time	Stop Time				
8. BBLs. Hauled	Starting Time	Stop Time				
9. BBLs. Hauled	Starting Time	Stop Time				
10. BBLs. Hauled	Starting Time	Stop Time				
11. BBLs. Hauled	Starting Time	Stop Time				
12. BBLs. Hauled	Starting Time	Stop Time				
13. ROAD TIME IN <u>XXXXX</u>	Starting Time	Stop Time <u>5:45</u> A.M. <u>P.M.</u>			<u>2</u>	
TOTAL BBLs. <u>75</u>			<u>XXXXX</u> <u>XXXXX</u>		<u>2</u>	<u>2</u>
						TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: Tried to pull pit at shell sub station
Pulled one load at refinery

san Juan repro Form 229-1 SIGNED Terry Taylor
DRIVER

GIANT

INDUSTRIES, INC.

No 5861

SUGGESTED VENDORS

1. LAD Tankers
2. _____
3. _____

MATERIAL REQUISITION
NOT A PURCHASE ORDER

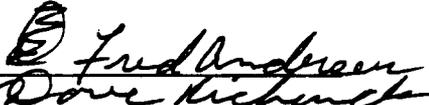
DATE 2/11/80

QUAN.	UNIT	DESCRIPTION	ISSUED	UNIT PRICE	AMOUNT
		<i>Services around Repinery</i>			
	113	<i>Pull Evap Pit</i>		<i>14.50 Hrs.</i>	
	165			<i>4.00 "</i>	
	168			<i>2.00 "</i>	
				<u><i>20.50</i></u>	
					<i>32.00 656.00</i>
		<i>Fuel surcharges</i>			
	113			<i>53.36</i>	
	165			<i>14.72</i>	
	168			<i>7.36</i>	
				<u><i>75.44</i></u>	
					<i>75.44</i>
				<i>5 total</i>	
					<i>731.44</i>
				<i>4.5 Tax</i>	
					<i>32.91</i>
					<i>764.35</i>

SKETCH AREA

REC'D BY: _____

UNIT NO. 5301-18

SIGNED X  Fred Anderson
By  Dave Kichinck

HAVE YOU CHECKED THIS REQUISITION FOR REAL NEED?

SKETCH AREA (Continued)



INDUSTRIES, INC.

5107 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3584

PURCHASE ORDER



INDUSTRIES, INC.

REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-3308

34724

DATE: 3 / 28 / 80

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

Name: **L.A.D. Tractors Inc.**
 Address: **P.O. Box 291**
 City: **Paradise** State: **N.M.** Zip: **87401**

Name: **Glenn Railway**
 Address: **P.O. Box 256**
 City: **Paradise** State: **N.M.** Zip: **87401**

PROJECT NO. _____
 Ins. Service _____

Any billing pertaining to trucking or refueling should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	DIVISIONS					UNIT NO.	
					S.S.	C	TD	REP	TRK DIV		Goodies
1		Truck # 113 Full P10	28.00	28.00							
2		Truck # 170 Full P10 2.75 hrs.	14.25	28.50							
3		Fuel Surcharge Truck # 113	36.40	36.40							
4		Truck # 170	442.95	442.95							
5			19.93	19.93							
6			452.89	452.89							
7											
8											
9											
10											
11											
12											
13											
14											

Confirming Do Not Duplicate Invoice # 113

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE
HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS
ATTACHED HERETO.

OK TO PAY D.R.
M-5-80

APPROVALS

Ralph Clark, Refinery Manager

PHONE
225-1808

N.M.E.C.C. PERMIT 8803-1

L. A. D. TANKERS, INC.

1898

P.O. BOX 291
FARMINGTON, NEW MEXICO 87410
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO:

Giant Industries
P.O. Box 256
Farmington, NM 87401

DATE March 28, 1980

FROM -

Refinery

TO -

Tank

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
113 170	Pull Pit		3.50 8.75 14.25	32.00	392.00
113 170	FUEL SURCHARGES:				14.56 36.40
TOTAL					442.96
4% N.M. Sales Tax					19.93
TOTAL CHARGES					462.89

L. A. D. TANKERS, INC.

NO

0490

P.O. BOX 291

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 325-1808

CUSTOMER GIANT REFINING CO INC LEASE _____ WELL _____
 TRUCK NO. 113 DRIVER ALLEN OLNEY DATE 3-26-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO TANK

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	Starting Time <u>4:00</u> A.M. P.M.	Stop Time A.M. P.M.				
2. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
3. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
4. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
5. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
6. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
7. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
8. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
9. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
10. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
11. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
12. BBLs. Hauled	Starting Time A.M. P.M.	Stop Time A.M. P.M.				
13. ROAD TIME IN	Starting Time XXXXX	Stop Time <u>7:30</u> A.M. P.M.			<u>3 1/2</u>	
TOTAL BBLs.			XXXXX XXXXX	?	<u>3 1/2</u>	<u>3 1/2</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: Clean up gas spill / Pulled one load from cooperation Pit to flush water back

31 Jan repro Form 229-1 SIGNED Allen Olney DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

72 1527

CUSTOMER GIANT REFINERY LEASE _____ WELL _____
 TRUCK NO. 170 DRIVER JAMES JOHNSON DATE 3-12-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM EUAP PITS TO LANDFILL DISPOSAL

BBLs. HAULED	STARTING TIME		STOP TIME		OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	75	Starting Time 3:00	A.M.	Stop Time	A.M. P.M.			
2. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
3. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
4. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
5. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
6. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
7. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
8. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
9. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
10. BBLs. Hauled	75	Starting Time	A.M. P.M.	Stop Time 12:00	A.M. P.M.		7	
11. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
12. BBLs. Hauled		Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
13. ROAD TIME IN	XXXXX	Starting Time	A.M. P.M.	Stop Time	A.M. P.M.			
TOTAL BBLs.	750				XXXXX XXXXX		7 7	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.
 REMARKS: skim 75 barrels of oil off top of sump (2 hrs)

SIGNED James E. Johnson
 DRIVER



PURCHASE ORDER



35002

INDUSTRIES, INC.
 5107 NORTH 7th STREET
 PHOENIX, ARIZONA 85014
 PHONE (602) 274-3584

INDUSTRIES, INC.
 REFINING AND TRUCKING DIVISION
 P.O. BOX 256
 FARMINGTON, NEW MEXICO 87401
 PHONE (505) 632-3306

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

DATE: 4 / 13 / 80

Name: **Carl Trucking Co.**
 Address: **P.O. Box 1245**
 City: **Farmington** State: **N.M.** Zip: **87401**

Name: **Grant Refinery**
 Address: **P.O. Box 256**
 City: **Farmington** State: **N.M.** Zip: **87401**

PROJECT NO.:
 TAG-Handling

Any billing pertaining to trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	DIVISIONS						
					S.S.	C	TD	REF	TRK	GOODIES	
1		4-13-80 Truck # 162 6.5 Hrs.	34.00	271.40							
2		4-13-80 Truck # 162 6.5 Hrs.	34.00	271.40							
3		13% Surcharge		57.46							
4		State		499.44							
5		3.75% Tax		18.73							
6		Total		518.18							
7		Confounding De Mat. Double									
8		500784.9									
9											
10											
11											
12											
13											
14											

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE
 HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS
 ATTACHED HERETO.

OK TO PAY *DL*
 H-23-56

APPROVALS
 X *R. Clark*
 Ralph Clark Refinery Manager

No. 1316

C. & J. TRUCKING CO.

"Water Hauling"

P. O. BOX 1246 • PHONE: 225-7779 • 24-HOUR SERVICE
 OFFICE and YARD: 2600 BLOOMFIELD HIGHWAY
 FARMINGTON, NEW MEXICO 87401

<p style="text-align: center;">SHIPPER</p> <p>FROM Farmington, NM</p>	<p style="text-align: center;">CONSIGNEE</p> <p style="text-align: center;">TO Refinery</p>
<p>Giant Refining Co. P.O. Box 256 Farmington, NM 87401</p>	<p>DATE BILLED April 14, 1980</p> <p style="text-align: center;">Pull hot pit.</p>

DATE	TRUCK NO.	CAPACITY	TICKET NUMBER	HOURS	RATE	AMOUNT	
4-12-80	162	3150	11783	6 1/2	34.00	221.00	
4-13-80	162	3150	11784	6 1/2	34.00	221.00	
			13% Fuel Surcharge			57.46	
TOTALS					13	34.00	409.46
						9 3/4% TAX	18.73
						TOTAL AMOUNT	528.19

C. & J. TRUCKING CO.

"Water Hauling"

P.O. BOX 1246 • PHONE 225-7770 • 24-HOUR SERVICE

OFFICE and TRUCK YARD: 2600 BLOOMFIELD HIGHWAY
FARMINGTON, NEW MEXICO 87401

No 11783

TRUCK NO. 162

DATE 4-12-80

DRIVER COY

ORDERED BY _____

CUSTOMER Grant Refinery

LOCATION Grant Refinery

FROM Pit (Hot)

TO Landfill

ONE WAY MILES _____

ROUND TRIP MILES 25

	OIL	WATER	STARTING TIME	A.M. P.M.	STOP TIME	A.M. P.M.	HRS.	REQ'D. BY
1. ROAD TIME OUT		100	5:30					
2. BBLs. HAULED		100						
3. BBLs. HAULED		100						
4. BBLs. HAULED		100						
5. BBLs. HAULED		100						
6. BBLs. HAULED		100						
7. BBLs. HAULED		100						
8. BBLs. HAULED								
9. BBLs. HAULED								
10. ROAD TIME IN	XXX XXX	XXXX XXXX			12:00	6:1/2		
TOTAL BBLs.		700					6 1/2	
			GALLONS		29400		TOTAL HOURS	34 PER \$ 221.5

REMARKS: pull water pit

MEAL STOP _____

ROAD CONDITIONS rough

PUBHER Bob Clark



INDUSTRIES, INC.

5107 NORTH 7th STREET
PHOENIX, ARIZONA 85014
PHONE (602) 274-3584

PURCHASE ORDER



INDUSTRIES, INC.

REFINING AND TRUCKING DIVISION
P.O. BOX 256
FARMINGTON, NEW MEXICO 87401
PHONE (505) 632-3306

37758

DATE: 8 / 25 / 88

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

Name L.A.D. Tankers, Inc.
 Address P.O. Box 291
 City Farmington State N.M. Zip 87401

Name GIANT Refinery
 Address P.O. Box 256
 City Farmington State N.M. Zip 87401

PROJECT NO.
Tag-Pull Pile

Any billing pertaining to trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT NO.	UNIT PRICE	EXTENDED PRICE	DIVISIONS									
						S.S.	C	TD	REF	TRK DIV	Goodies				
1		Pull Pile													
2				20.00											
3				5.50											
4				25.00	Hours										
5					Rate										
6		Fuel Surcharge													
7															
8															
9															
10															
11															
12															
13															
14															
					S-total										
					Tax										
					Total										

Confirming Do Not Duplicate Invoice# 2123

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE
HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS
ATTACHED HERETO.

OK TO PAY

[Signature]

X A.H. MORTLA, Refinery Manager

PHONE
325-1808

INVOICE

N.M.S.C.C. PERMIT 8503-1

L. A. D. TANKERS, INC.

NO 2123

P. O. BOX 291
FARMINGTON, NEW MEXICO 87410
COMPLETE WATER HAULING SERVICE
FULLY INSURED

TO:

DATE August 25, 1980

Giant Industries, Inc.
P.O. Box 256
Farmington, NM 87401

530-1-13
Old Tankers

8-27
RR

FROM - Giant Refinery Yard

To - Disposal Area

TRUCK NO.	SERVICE RENDERED	QUANTITY	HOURS	RATE	AMOUNT
163	Pull Pit		20.00	34.00	867.00-
165			5.50		
			<u>25.50</u>		
	Fuel Surcharge				112.71
TOTAL					979.71
4 1/2 % N.M. Sales Tax					44.08
TOTAL CHARGES					1,023.79

L. A. D. TANKERS, INC.

3954

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

CUSTOMER Giant Industries LEASE Refinery WELL _____
 TRUCK NO. #163 DRIVER Jeff Adams DATE 8-20-80
 RIG WATER FRAC WATER OIL PITS OTHER _____
 FROM Pit TO Dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out <u>75</u>	Starting Time <u>7:00</u>	Stop Time	A.M. P.M.			
2. BBLs. Hauled <u>75</u>	Starting Time	Stop Time	A.M. P.M.			
3. BBLs. Hauled <u>75</u>	Starting Time	Stop Time	A.M. P.M.			
4. BBLs. Hauled <u>75</u>	Starting Time	Stop Time	A.M. P.M.			
5. BBLs. Hauled <u>75</u>	Starting Time	Stop Time	A.M. P.M.			
6. BBLs. Hauled <u>75</u>	Starting Time	Stop Time <u>12:00</u>	A.M. P.M.			
7. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
8. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
9. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
10. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
11. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
12. BBLs. Hauled	Starting Time	Stop Time	A.M. P.M.			
13. ROAD TIME IN <u>XXXXX</u>	Starting Time	Stop Time	A.M. P.M.			
TOTAL BBLs. <u>450</u>			<u>XXXXX</u> <u>XXXXX</u>		<u>5</u>	<u>5</u> TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

san Juan repro Form 229-1

SIGNED Jeff Adams
DRIVER

L. A. D. TANKERS, INC.

P.O. BOX 291
FARMINGTON, NEW MEXICO 87401
PHONE: (505) 325-1808

3855 ✓

CUSTOMER Giant Industries LEASE Refinery WELL _____
TRUCK NO. #113 DRIVER Jeff Adams DATE 8-21-90

RIG WATER FRAC WATER OIL PITS OTHER _____
FROM Pit TO Dump

BBLs. HAULED	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY	
1. Road Time Out	75	Starting Time 12:00 A.M. P.M.	Stop Time	A.M. P.M.			
2. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
3. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
4. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
5. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
6. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
7. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
8. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
9. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
10. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
11. BBLs. Hauled	75	Starting Time	A.M. Stop Time	A.M. P.M.			
12. BBLs. Hauled	75	Starting Time	A.M. Stop Time 12:00 A.M. P.M.	A.M. P.M.			
13. ROAD TIME IN	XXXXX	Starting Time	A.M. Stop Time	A.M. P.M.			
TOTAL BBLs.	900		XXXXX XXXXX		12		12

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: _____

San Juan repro Form 229-1

SIGNED Jeff Adams
DRIVER

L. A. D. TANKERS, INC.

NO 3629

P.O. BOX 291

FARMINGTON, NEW MEXICO 87401

PHONE: (505) 325-1808

CUSTOMER Giant LEASE _____ WELL _____
 TRUCK NO. #165 DRIVER Dave Lucero DATE 8-21-80
 RIG WATER FRAC WATER OIL PITS OTHER Pulled water from well
 FROM Giant TO Autosole Area

BBLs. Hauled	STARTING TIME	STOP TIME	OFF DUTY HOURS	STAND-BY HOURS	HAUL HOURS	RECEIVED BY
1. Road Time Out	80 Starting Time 1:30 A.M.	Stop Time P.M.	A.M.			
2. BBLs. Hauled	80 Starting Time A.M.	Stop Time P.M.	A.M.			
3. BBLs. Hauled	80 Starting Time A.M.	Stop Time P.M.	A.M.			
4. BBLs. Hauled	80 Starting Time A.M.	Stop Time P.M.	A.M.			
5. BBLs. Hauled	80 Starting Time A.M.	Stop Time P.M.	A.M.			
6. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
7. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
8. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
9. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
10. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
11. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
12. BBLs. Hauled	Starting Time A.M.	Stop Time P.M.	A.M.			
13. ROAD TIME IN	XXXXX Starting Time A.M.	7:00 Stop Time P.M.				
TOTAL BBLs.			XXXXX		5 1/2	TOTAL HOURS

ROAD CONDITIONS: CLEAR ICE SNOWING RAINING MUD CHAINS REQ.

REMARKS: Pulled pit

SIGNED Dave Lucero DRIVER



INDUSTRIES, INC.
6107 NORTH 7th STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 274-3594

PURCHASE ORDER

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

41358

DATE: 7/20/81

for 7-17-81

PRODUCT NO.

Return to
Glanefeld

Any billing pertaining to trucking or refining should be billed in triplicate.

Name: CSI Trucking Co.
 Address: P.O. Box 1242
 City: Farm. State: W.M. 20800

Name: Giant Refinery
 Address: P.O. Box 256
 City: Farm. State: W.M. 20800

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1	(9-1-81)	Pulling out of Shamfield Unit		172.14
2		Refining Tractor # 8029		
3		Pulling pit at Shamfield Unit		86.07
4	(7-6-81)	Refining Tractor # 8029		
5		Pulling pit at Shamfield Unit		86.07
6		Refining Tractor # 8029		
7	(7-11-81)	Pulling pit at Shamfield Unit		86.07
8		Refining Tractor # 8029		
9		Pulling pit at Shamfield Unit		
10		Refining Tractor # 8029		
11		Pulling pit at Shamfield Unit		
12		Refining Tractor # 8029		
13		Pulling pit at Shamfield Unit		
14		Refining Tractor # 8029		

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

X Joe Richards

GIANT
INDUSTRIES, INC.

PO# 41358

No 3598

SUGGESTED VERSION

MATERIAL REQUISITION
NOT A PURCHASE ORDER

(7-1, 7-6, 7-11-81)

DATE 7-20-81

1. C&J Machinery
2. _____
3. _____

QUAN.	UNIT	DESCRIPTION	ISSUED	UNIT PRICE	AMOUNT
		Pulling pits at Bloomfield Unit			
		Invoice # 21340, 21339. Total			172.14
		Pulling pits at Bloomfield Unit			
		Invoice # 21439. Total			86.07
		Pulling pits at Bloomfield Unit			
		Invoice # 21379. Total			86.07

SKETCH AREA



SKETCH AREA (Continued)

REC'D BY: _____

UNIT NO. 9007-18

SIGNED X Joe Richards

approval Asm...

HAVE YOU CHECKED THIS REQUISITION FOR REAL NEED? _____



EQUIPMENT, INC.
810 NORTH 7TH STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 274-3884

PURCHASE ORDER

41413

DATE: 7/23/81

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

NAME: *City Trucking*
 ADDRESS: *PO Box 1201*
 CITY: *Phoenix* STATE: *AZ* ZIP: *85001*

NAME: *Grant Anthony*
 ADDRESS: *PO Box 1201*
 CITY: *Phoenix* STATE: *AZ* ZIP: *85001*

PROJECT NO. *5302-1*
 Any billing pertaining to trucking or refueling should be billed in triplicate.

QTY	ITEM NO.	DESCRIPTION	DIVISIONS				UNIT	PRICE	EXTENDED PRICE
			SS	6	TD	TR			
		<i>Roll out of tires - 10 lbs each of 10 yes</i>							
		<i>Blowfield work</i>							
		<i>total</i>							

Confirming to Ellen.

work done per Ellen Billing Clerk

7-23-81 J.R.

THIS ORDER IS SUBJECT TO TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

PURCHASING

01 2



NEUBERT RIES, INC.

107 NORTH 72nd STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 234-3541

PURCHASE ORDER

41999

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

DATE: 10 / 1 / 81

REV 9 18 81

PROJECT NO.

Division

Any billing pertaining to unshipped or partially shipped orders should be billed to Phoenix.

3	Order Reference	
4	Address P.O. Box 254	
5	City	Phoenix
6	State	AZ
7	Zip	85001
8	Product	

9	DATE ORDERED	
10	DATE SHIPPED	
11	QUANTITY	
12	UNIT PRICE	
13	TOTAL	

LINE NO.	DESCRIPTION	QTY	UNIT PRICE	TOTAL	EXTENSION
1	(P-1000) 2000 pcs as described above.				
2	Order # 1000 0 000 of 1 10.00 each quantity 41164				
3					
4					
5					
6					
7					
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14					
15					
16					
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50					

Contracting Report of 2107.

with date 10-1-81

THIS ORDER IS SUBJECT TO TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

X *[Signature]*

X *[Signature]*

PURCHASING

9104



INTEGRITIES, INC.
8107 NORTH 7TH STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 274-3694

PURCHASE ORDER

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

43855

DATE: 1/11/82

For 1-7-82

PROJECT NO. 43855
GIEMANT

Any billing pertaining to trucking or refueling should be billed in triplicate.

VENDOR: CJT Trucking Co.
PO Box 1246
Phoenix, AZ 85001

Name: Grant Refinery
 Address: PO Box 554
 City: Phoenix State: AZ Zip: 85001

QUANTITY	STOCK NO.	DESCRIPTION	UNIT NO.	DIVISIONS				EXTENDED PRICE
				ES	C	TD	RF	
1		Bill all to <u>Shampfle unit</u>						
2								75.00
3								18.96
4								2.97
5								87.93
6								
7								
8								
9								
10								
11								
12								
13								
14								

Confirming Invoice #1111

Services complete
1-11-82, JPL

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

X [Signature]

X [Signature]

GIANT

INDUSTRIES, INC.
 5102 NORTH 7TH STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 271-5594

PURCHASE ORDER

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

43882

DATE: 1 / 18 / 82

PROJECT NO.

Service

Any Billing pertaining to trucking or refueling should be billed in separate.

Name: Giant Refinery	
Address: P.O. Box 214	
City: Farmington gas N.M. Zip: 87401	
Company: [Blank]	

Name: G A J Trucking Co.	
Address: P.O. Box 1246	
City: Farmington gas N.M. Zip: 87401	

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	DIVISIONS				DRIFT NO.	
					HA	C	TD	TRK DIV		
		fuel etc. (fuel, etc)								
		Tire								
		10% fuel surcharge								
		Tax								
		Total								

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

X _____
 X *[Signature]*

Service complete 1-18-82



INDUSTRIES, INC.
5107 NORTH 7th STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 274-3884

PURCHASE ORDER

43895

DATE: 1 / 20 / 82

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

Name: **CRA J Trucking**
 Address: **P.O. Box 1848**
 City: **PAPER** State: **N.M.** Zip: **87401**

Name: **Alant Refinery**
 Address: **P.O. Box 856**
 City: **PAPER** State: **N.M.** Zip: **87401**

PROJECT NO. _____
 Material to Equip. P
 Any billing pertaining to trucking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE	DIVISIONS				UNIT NO.
					TRK	DIV	REF	TD	
		Joint							
		Full Equip. P/c	34.00	288.00					
		1st Fuel Surcharge	51.88	51.88					
		Tax	11.89	11.89					
		Total		351.73					

Confirming To Bob 1-21-82 D.R.

Advice complete 1-22-82

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS

X _____
X *Paul Dickson*

PO# 43895

GIANT INDUSTRIES, INC.

No 09767

SUGGESTED VENDORS

1. C.J. Finching
2. _____
3. _____

MATERIAL REQUISITION NOT A PURCHASE ORDER

DATE 1-20-82

QUAN.	UNIT	DESCRIPTION	ISSUED	UNIT PRICE	AMOUNT
		<u>Pull Erap. pit</u>			
<u>8</u>	<u>hrs</u>			<u>36.00</u>	<u>288.00</u>
		<u>18% fuel surcharge</u>			<u>51.84</u>
		<u>Tax</u>			<u>11.89</u>
		<u>Total</u>			<u>351.73</u>

ETCH AREA

Confirming

To Bob 1-21-82, J.R.

Project No.

maintenance to Erap pit

REC'D BY: _____

UNIT NO. 5301-18

SIGNED X Ray Richards

approval R.C. Anderson

HAVE YOU CHECKED THIS REQUISITION FOR REAL NEED?



INDUSTRIES, INC.
 6107 NORTH 7th STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 278-1111

PURCHASE ORDER

45591

DATE: 5 / 21 / 82

Box 5 - 13 - 82

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

VENDOR
 Name: G & J Trucking Co.
 Address: P.O. Box 1246
 City: Farmington same H.M. Zip 87401

SHIP TO
 Name: Client Bakery
 Address: P.O. Box 256
 City: Farmington same H.M. Zip 87401

PROJECT NO. _____
 BLOOMFIELD WALK
 Any billing pertaining to trucking or refining should be billed in duplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
----------	-----------	-------------	------------	----------------

1		Pull pit at Bloomfield walk.		
2		Truck time	42.50	148.75
3				6.32
4		Confirming Invoice no. 20235		155.07
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

Mark Downey
 5/21/82

APPROVALS *[Signature]*



INDUSTRIES, INC.
 5107 NORTH 7th STREET • PHOENIX, ARIZONA 85014 • PHONE (602) 251-1111

PURCHASE ORDER

NOTE: INVOICES & ALL OTHER DOCUMENTS MUST SHOW THIS NUMBER

DATE: 8 / 30 / 83
51615

NAME C. J. Swabing
 ADDRESS P.O. Box 1245
 CITY Flagstaff STATE AZ ZIP 86001

NAME State Building Co.
 ADDRESS P.O. Box 216
 CITY Flagstaff STATE AZ ZIP 86001

PROJECT NO.
 MERCH

Any billing pertaining to tracking or refining should be billed in triplicate.

QUANTITY	STOCK NO.	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
1		Roll pipe, standard Flagstaff	43.50	43.75
2		Roll pipe, standard Flagstaff	2.39	2.39
3		Conflicting Junction no. 13981	66.14	66.14
4				
5		Roll pipe, standard	43.50	63.75
6		Roll pipe, standard	2.39	2.39
7		Conflicting Junction no. 13981	66.14	66.14
8				
9				
10				
11				
12				
13				
14				

*Order complete
 9/2/83 dth*

THIS ORDER IS SUBJECT TO

TERMS AND CONDITIONS APPEARING ON THE REVERSE HEREOF AND ANY SUPPLEMENTAL TERMS AND CONDITIONS ATTACHED HERETO.

APPROVALS *[Signature]*

PURCHASING

PO# 51615

GIANT

INDUSTRIES, INC.

No 1630

SUGGESTED VENDORS

1. Clj Trucking
2. _____
3. _____

MATERIAL REQUISITION
NOT A PURCHASE ORDER

DATE 8/30/83

QUAN.	UNIT	DESCRIPTION	ISSUED	UNIT PRICE	AMOUNT
1.5	hrs	Kull pits - Farmington		42.50	63.75
					2.39
		Invoice no. 5393,			66.14
1.5	hrs.	Kull pits - Bloomfield		42.50	63.75
					2.39
					66.14

SKETCH AREA

Bloomfield
station &
Snake Pit
MTCLE

REC'D BY: _____

UNIT NO. dicted attached

SIGNED X Paul M. Leggett

HAVE YOU CHECKED THIS REQUISITION FOR REAL NEED?

SKETCH AREA (Continued)

ATTACHMENT G

Commercial Chemical Products Purchased by
the Refinery Since November 19, 1980

<u>PRODUCT</u>	<u>VOLUME & DATE(S)</u> <u>PURCHASED</u>	<u>USES</u>	<u>CHEMICAL</u> <u>COMPOSITION</u>
Acetone	55 gals and 720 lbs 9/81 - 3/82	Laboratory testing and cleaning laboratory equipment	Acetone
Ambitrol (R) FL Coolant	1,100 gals 12/80 - 1/82	Antifreeze compound fluid for hydrogen compressors coolant	Ethylene Glycol Diethylene Glycol Water
Antioxidant No. 31	1,596+ lbs 1/81 - 5/82	Gasoline additive	2,4 Xylenol, 6 Ter. Butyl Other alkylated phenols
ASTM 80 Octane Blend	54 gals	Laboratory testing	Isocetane n-Heptane
Carbon Tetrachloride (CCI 4)	Not known	Chloride control on reforming catalyst	Carbon tetrachloride
Chloroform	1 gal and 8 liters 2/81 - 3/81	Laboratory testing	Chloroform Ethanol
Dupont Oil Orange Liquid Dye	480 lbs and 30 gals 7/81 - 12/81	Used to dye regular gasoline	Xylene 1-((Paradodecyl phenyl)-AZO) 2-Naphthol 1-Dimethyl phenyl AZO-2-naphthol
Iodide Crystals	16 ozs 8/81	Laboratory testing	Iodine compound
Isopropyl Alcohol	5 gals	Laboratory testing	2-Propanol
JT-2136-11 Glycerol Anhydrous	1 pint 7/81	Laboratory testing	Not known
JT-2338-5 Lead Oxide Yellow Powder Reagent	5 lbs 7/81	Laboratory testing	Not known
Motor Fuel Antiknock Compound	520,000 lbs 1/81 - 3/82	Gasoline octane enhancement	Tetraethyl Lead Tetramethyl Lead Diethyldimethyl Lead Ethyltrimethyl Lead Triethylmethyl Lead Ethylene Dichloride Ethylene Dibromide

44%
3.5%
49%

>72%
<28%

99.8%

>99.0%
< 0.1%

40%

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99%

Not known

1-61%
1-51%
12-23%
2-24%
2-27%
0-19%
5-36%

<u>PRODUCT</u>	<u>VOLUME & DATE(S)</u> <u>PURCHASED</u>	<u>USES</u>	<u>CHEMICAL</u> <u>COMPOSITION</u>
MALCO 374 Corrosion Inhibitor	560 lbs 8/81	Corrosion control in cooling water	Aqueous solution of chromate and zinc containing: Sodium chromate 40%+ Zinc chloride 20-40%
MALCO 5196 Corrosion Inhibitor	5,500 gals 5/81 - 3/82	Injected into fractionating column of crude oil process unit for pH control	Solution of alkyl primary amine containing 40%+ proprietary chemical
MALCO 7220 Feedwater Treatment	1,960 lbs 12/81	Laboratory testing	Aqueous solution of acrylamide-sodium acrylate resin
MALCO 7271 Corrosion Inhibitor	910 lbs and 110 gals 12/80 - 12/81	Corrosion control in steam system	Aqueous solution of amines and hydrazine containing: Morpholine 1-10% Cyclohexylamine 10-20% Hydrazine 0.1-1%
MALCO 7319 Liquid	1,120 lbs 8/81	Dispersant added to cooling water to reduce turbidity	Aqueous solution of an anionic acrylic/acrylate copolymer
MALCO 7328 Microbiocide	1,856 lbs and 220 gals 8/81	Biocide for algae and fungus control in cooling water	Aqueous solution of an alkyl aryl ammonium chloride and tributyl-tin oxide containing: Bis(tributyltin) oxide 1-10% N-alkyl dimethyl benzyl 10-20% ammonium chloride Potassium hydroxide 1-10%
MALCO 7330 Microbiocide	720 lbs 2/82	Microbe control in cooling water	Aqueous solution of substituted isothiazolinone containing: 2-Chloro-2-methyl- 1-10% 4 isothiazolin-3-one 2-methyl-4-isothiazolin-0.1-1% 3-one
MALCO 7387 Deposit Control	1,530 lbs 12/81 - 2/82	Deposit control in cooling water or boiler water	Aqueous blend of an acrylic polymer and an organic phosphorous compound
MALCO 7RC144 Antifouling Add	2,200 gals 2/81 - 10/81	Injected into crude oil to minimize sludge buildup	Blend of alkyl phosphate amine salts and an acrylate polymer in hydrocarbon solvents containing: Kerosene 1-10% Heavy aromatic naphtha 40%+
MALCO 8RB417	1,925 gals 2/81 - 2/82	Corrosion control in crude oil process unit	Phosphoramidate alkyl phosphate and imidazoline in a heavy aromatic naphtha containing: Heavy aromatic naphtha 40%+ Proprietary chemical 10-20%

<u>PRODUCT</u>	<u>VOLUME & DATE(S) PURCHASED</u>	<u>USES</u>	<u>CHEMICAL COMPOSITION</u>
NALCO 71-D-5 Antifoamer	15 gals 11/81	Keep diesel from foaming	Blend of fatty acids, polyglycols, polyglycol ester, and oxyalkylate in kerosene and mineral oil containing: Kerosene 10-20% Mineral seal oil 40%
NALCO Solution S433-A	16 ozs 4/81	Laboratory testing	Aqueous solution of bismuth nitrate containing 3-5% nitric acid
NALCO Solution S0224	48 ozs 4/81 - 8/81	Laboratory testing	Potassium chromate indicator containing 10% potassium chromate
NALCO Solution S0226	2 gals 4/81 - 10/81	Laboratory testing	Sulfuric acid 0.02%
NALCO Solution S0229	1 gal 10/81	Laboratory testing	Aqueous solution containing 0.3% silver nitrate
NALCO Solution S0234	16 ozs 8/81	Laboratory testing	Dilute citric acid and phenolphthalein in water and 50% denatured ethanol
NALCO Solution S0274	3 gals 8/81	Laboratory testing	Hardness titrating solution
NALCO Solution S0275	96 ozs 8/81 - 2/82	Laboratory testing	Aqueous solution of monoethanolamine hydrochloride, triethanolamine hydrochloride and 10-20% monoethanolamine
NALCO Solution S0298	16 ozs 4/81	Laboratory testing	Very dilute aqueous sodium chloride solution
NALCO Solution S0363	3 gals 4/81 - 2/82	Laboratory testing	Aqueous solution of disodium EDTA and inorganic phosphates
NALCO Solution S0364	175 capsules 8/81 - 2/82	Laboratory testing	Brom cresol purple, disodium EDTA and sodium phosphate - dibasic in sodium chloride carrier
NALCO Solution S0366	3 gals 4/81 - 2/82	Laboratory testing	Aqueous solution of sodium phosphate, monobasic
NALCO Solution S0367	2 gals 4/81 - 10/81	Laboratory testing	Sodium carbonate solution
NALCO Solution S0407	48 ozs 4/81 - 2/82	Laboratory testing	PH7 buffer, an aqueous phosphate buffer solution
NALCO Solution S0721	16 ozs 8/81	Laboratory testing	Aqueous solution containing: Dimethylformamide 20-40% Phenylarsine oxide 1-10%

PRODUCT	VOLUME & DATE(S)		USES	CHEMICAL COMPOSITION
		PURCHASED		
NALCO Solution S0726	32 ozs	8/81	Laboratory testing	Hydrochloric acid as Hydrogen chloride 10-20%
NALCO Solution S0727	48 ozs	4/81 - 8/81	Laboratory testing	Aqueous solution of potassium iodide
NALCO Solution S0728	16 ozs	2/82	Laboratory testing	Aqueous starch solution
NALCO Solution S0734	20 ozs	4/81 - 8/81	Not known	Aqueous solution containing: Ammonium thioglycolate 20-40% Thioglycolic acid 40%+
Nalkyl ME-50-1 Motor Mix	368, 156 lbs	12/80 - 4/82	Gasoline octane enhancement	Tetramethyl lead 1-10% Tetraethyl lead 1-10% Trimethyl ethyl lead 10-20% Dimethyldiethyl lead 20-40% Methyltriethyl lead 10-20% Ethylene dichloride 10-20% Ethylene dibromide 10-20% Toluene 1-10%
P-571c	911 gals	12/81 - 8/82	Keep paraffin suspended in crude oil	Not known
Paraffin Solvent P-572c	165 gals	10/81 - 11/81	Keep paraffin suspended in crude oil	Not known
P575c	550 gals	1/81 - 7/81	Keep paraffin suspended in crude oil	Not known
#PT-800 (Chemical Cleaner)	550 gals	4/81	May have been used for cleaning preflash tower	Not known
Quantab Chloride Titrator	6 bottles	5/81	Laboratory testing	Not known
Sodium Carbonate	500 gms	2/82	Laboratory testing	Sodium Carbonate 99%
Sulfuric Acid	1,500 lbs and 660 gals and 1 liter	4/81 - 4/82	PH control in cooling water	Sulfuric acid 93-99%
Techni-Solvent, Paraffin Solvent	225	8/82	Keep paraffin suspended in crude oil	Not known
Zep Dyna Sol	55 gals	3/82	Washing small truck parts	Aliphatic naphtha >80%

<u>PRODUCT</u>	<u>VOLUME & DATE(S) PURCHASED</u>	<u>USES</u>	<u>CHEMICAL COMPOSITION</u>
627 Solvent VARSOL #1	110 gals 9/83	Testing crude oil in field by shaking out B&W; may have been used for truck part degreasing	Paraffinic naphthalene approx. 89% C8+ (hydrocarbon approx. 10% molecules with more than 8 carbons) Xylene approx. 1% Benzene approx. 0.1%

[EHE/116]